



SECTION CONTENTS

→ Headphones	2
↓ Safety Earmuffs	2
↓ Premium Headphones	3
↓ Over Head Headphones	4
↓ Wireless Headphones	5
↓ Earphones	6
↓ Headsets	8
↓ Headphone Accessories	9
→ Speakers Desktop	10
→ Speakers BookShelf & Extension	11
→ Speakers Ceiling & Inwall	16
↓ HiFi 2-Way	16
↓ Accento Dynamica	18
↓ Ceiling / Surface Mount PA 100V	24
→ Public Address 100V	25
↓ Box Speakers	25
↓ Speaker Selector Switches	26
↓ Wall Volume Controls	26
↓ Public Address Amplifiers	27
↓ Mixers and Signal Modifiers	28
↓ Active Speakers	29
↓ Amplifier Modules	31
↓ Portable PA Systems	32
→ Microphones	36
↓ Microphone Cables and Accessories	36
↓ Yoga Professional	38
↓ JTS Professional	40
↓ Wireless	44
→ Speaker Stands & Mounting Brackets	46
→ Speaker Construction	48
↓ Spikes and Feet	48
↓ Books	48
↓ Crossovers Active	48
↓ Attenuators	49
↓ Screws	49
↓ Cabinet Ports	50
↓ Grille Clips	50
↓ Carpet	50
↓ Sound Deadener	50
↓ Grille Cloth	50
↓ Tape	50
↓ Crossovers Assembled	51
↓ Crossover Components	52

SECTION CONTENTS

→ Buzzers and Sirens	54
→ PA Horn Speakers	55
→ Speakers Communication	55
→ Speakers GP Replacement	55
→ Speakers Automotive	57
↓ Car Speakers	57
↓ Speakers Marine	58
↓ Speaker Spacers	59
↓ Boxes & Enclosures	59
→ Speaker Drivers	60
↓ Tweeters	60
↓ Midrange	62
↓ Wide Range	62
↓ Mid-Woofers	63
↓ Woofer	64
→ Speaker Drivers HiFi	68
↓ DAI-1CHI High Fidelity Series	68
↓ DAI-1CHI Super Resolution Series	72
→ Speaker Instrumental	74
↓ Guitar & PA	74
↓ Horn Tweeters	75
→ Speaker Drivers Audiophile	76
↓ Fountek Ribbon Tweeters	76
↓ SB Acoustics	78
↓ Scan-Speak	83
↓ VIFA	99
↓ Peerless	107
↓ LAT Sub-woofer	120
→ Speaker Kits	122
↓ HDS Series	123
↓ Signature Series	130
→ Speaker Tester	132



06 SPEAKERS

06 SPEAKERS

→ Headphones

BLUETOOTH BULLANT WORKSAFE EARMUFFS

AM/FM EARMUFF RADIO WITH BLUETOOTH AND AUX INPUT

Stereo AM/FM Radio. Built in Bluetooth module. Auxiliary input jack for connection to other Audio devices. Push button operation. Comfortable earpads & adjustable headband. Optimized hearing with high amplification. Operated by 3 x "AAA" batteries (not included).



Description	Code
Bluetooth, AMFM, 3.5mm In.	ABA830

USB MP3 & AM/FM EARMUFFS

SLC-80 RATED:11 & Plays MP3

Sound Level Conversion (SLC80) Class 1 A/NZ Standard 1270:2002 Noise reduction ear protection With built in AM/FM Stereo Radio USB Multimedia player controller Play MP3s from USB Flash-Drive Requires 2x "AA" Batteries



Code
ABA858

DELUXE AM/FM EARMUFFS

AM/FM EARMUFF RADIO WITH AUX INPUT

Built-In AM/FM stereo radio. Push-button controls. Auxiliary input jack for connection to other Audio devices. Comfortable earpads & adjustable headband. Optimized hearing with high amplification. Operated by 3 x "AAA" batteries (not included).



Code
ABA710

AM/FM EARMUFFS

Ear protection device with inbuilt AM/FM Radio so you can listen to news and tunes while you work. Requires 2x "AA" Batteries

Code
ABA330S



↓ Safety Earmuffs

-85dB NOISE CANCELLING EARMUFFS

ACTIVE EAR PROTECTION

Inbuilt audio electronics actively reduce noise levels over 85dB! Excellent fatigue improvement Sound Level Conversion (SLC80) Class 1 A/NZ Standard 1270:2002 Noise reduction ear protection Requires 2x "AA" Batteries



Code
ABA268

PASSIVE EARMUFFS

REAR METAL BAND

Designed to fit comfortably while wearing a safety helmet the band fits behind the neck. Quality made light-weight Weather resistant long-life Soft cushion full earpads Bright yellow and black.



Code
ABA101

EAR PLUGS

RE-USABLE CORDED

2 Pairs of reusable earplugs Washable & comfortable to use Orange with soft nylon cord



Code
ABA102

EAR PLUGS

FOAM EARPLUGS

Super comfortable malleable foam 3x separate pairs in sealed bags



Code
ABA106

AM/FM WORKSITE RADIO W/ AUX

SUPER RUGGED IP66

Water resistant & Tough AM/FM Radio Backlit digital dial plus LED torch. Water resistant unit with storage compartment & 3.5mm Aux Input for iPods® Loud 5" 15W. USB Charge port. 8x "C" Batteries or 240Vac. Tough stuff.

Code
ABA86WR





↓ Premium Headphones

PRO HIFI HEADPHONES

CLOSED EAR STUDIO STYLE Superior sound Neodymium. Wide band audio 38mm driver. Soft cup closed ear design for comfort and isolation. Premium audio hifi sound deep extended warm bass clear open mids & highs for low fatigue listening. Good to medium isolation Strong built & flexible Good quality unit suits home audio to PC to DJ Single-sided curly cord High efficiency output Soft PU leather earpads 45x80mmØ closed ear cups Light 180g including cable 20Hz-20KHz 95dB 32Ω 200mW Neodymium 38mm Diam. Driver Plug 3.5mm Stereo Straight 1.2 Metre Curly Cord.

Code
CD68



YOGA COMPACT HEADPHONES

SMALL SIZE - HIGH PERFORMANCE Light weight portable design with excellent audio quality Neodymium motor system gives improved low-end bass response open mids & sharp highs for long term listening pleasure. Soft pad Supra-aural open style Quality and feel are excellent Sound quality is home hifi for audio comfort listening but light weight small size for premium audio on the move Padded adjustable headband Attractive black & chrome High efficiency output Soft PU leather earpads 15Hz-20KHz 107dB 32Ω 50mW Neodymium 30mm Diam. Driver 1.2 Metre Cord 3.5mm Plug 25x50mmØ open ear cups Light 85g including cable

Code
CDS55



YOGA PRESTIGE HEADPHONES

DELUXE SUPER-COMFORT Beautifully warm home audio Relax with comfort listening Wide frequency response with enhanced low-end deep bass 50mm driver Neodymium magnet for high output premium audio Large outer ear soft cups Circumaural for isolation Adjustable padded head band Foldable for compact storage Swivel ear cups to flat or DJ one handed operation Detachable headphone lead Supplied with two cables 3 Metre straight cord and also a 3M curly cord. OFC with gold plated plugs Screw-on 6.35mm-3.5mm plug 50x100mmØ Cups. 275g total. 10Hz-22KHz 96dB 24Ω 3000mW Neodymium 50mm Diam. Driver

Code
CD-300



COBY DELUXE CLOSED HEADPHONES

Digital Reference Headphones. Closed ear-cup comfort design. NEW High performance 40mm drivers with super bass dynamic sound. DJ professional styling and large comfortable earpads for extended listening periods and reduced external sound interference. Powerful Neodymium drivers. Individual volume controls. Superior listening phones! 3.5mm gold plated plug. 20Hz-20KHz 117dB 32Ω 1.5M cord.

Code
CV320



USB HIGH END HEADPHONES

USB ONLY Digital headphones for direct connection to a computer or laptop via the USB-2 Port. Windows™ No sound card required. Stereo digital converter. Premium 38mm drivers

Code
AM835U



PRO-LUXE MONITORS

New premium range. These full sized closed earpiece professional audio headsets are premium quality in sound and comfort. 40mm Mylar cone speaker with high flux neodymium magnet system for full HQ sound. Large ear pads for excellent comfort and low fatigue HiFi listening. Padded head band, 3.0M cord, sturdy. 3.5/6.5mm plug and 107dB sensitivity. Includes volume control on lead.

Code
PRO50V



PRO-LUXE



↓ Over Head Headphones

DAI-1CHI STEREO HEADPHONES

High quality headphones designed for todays Digital with excellent sound & value! OFC cable with Gold plated adaptor. High quality construction & reproduction. Comfortable design with soft earpads for long term, fatigue-free listening. 20Hz-20,000Hz 32Ω.

Code
HP800



REPLACEMENT EAR-COVERS

Code
HEP80

COBY HIGH QUALITY HEADPHONES

High performance 40mm drivers with super bass, professional styling and large comfortable earpads for extended listening periods. Blister Packaged Neodymium drivers 3.5mm plug. 6.35mm adaptor. 20Hz-20KHz 103dB 32Ω 3M cord.

Code
CV200



COBY DYNAMIC STEREO HEADPHONES

Professional digital sound quality. Adjustable head band for maximum comfort. High-performance 40mm neodymium drivers. Open air design. Gold plated 3.5mm R/A stereo plug, 1.2M cord, 20-20000Hz 112dB 32Ω.

Code
CVH89



COBY STREET STYLE HEADPHONES

NEW Neckband type. Samarium Cobalt 30mm Super-Bass. Single sided 1M cord. 3.5mm stereo plug.

Code
CV220



COBY SUPER BASS HEADPHONES

Featuring twin ports for enhanced acoustics and powerful bass response. Attractive modern design. Powerful 40mm Neodymium drivers. Single side 2M cord. Blister card. Gold plated Plug 3.5mm. 20Hz-22KHz 110dB 32Ω. With volume control.

Code
CV130



COBY SLIMLINE HEADPHONES

Lightweight design 30mm Super Bass 3.5mm stereo plug

Code
CVH47

BULK NO PACKAGING

BULK Lightweight design 30mm Super Bass 3.5mm stereo plug no packaging

Code
CVH48



FOLDING HEADPHONES

FOLDS FLAT FOR EASY STORAGE 40mm Speaker Drivers. Sturdy construction. 90° rotating driver for safe storage. Comfortable fitting. Adjustable head band. 20Hz-22,000Hz 32Ω. Sensivity:105db @ ± 3dB 1.8M Cable Length 3.5mm plug.

Code
HP100



LIGHT WEIGHT HEADPHONES

Good quality Ultra-light weight 1.5M cord & adaptor (3.5mm → 6.35mm) Spare earpads Blister packed.

Length	Code
1.2M	HP500
3M	HP501
6M	HP506

ULTRA-LIGHT WEIGHT

Blister card packed or bu k. 1.2M 3.5mm 94dB 32Ω No Adaptor supplied.

Packaging	Code
Blister	HP460
Bulk	HP450





↓ Wireless Headphones

900MHz CORDLESS HEADPHONES

NEW GENERATION PERFORMANCE - 900MHz PLL/RF TECHNOLOGY

The premium grade headset uses full-sized closed ear pieces for Home use. They are light and very comfortable for long, fatigue free listening. Roam freely around the home in uninterrupted cordless freedom. 900MHz offers better quality in transmission of the audio and a more stable signal reception with less interference/dropouts Three channels are selectable for avoiding local interference Add unlimited extra headsets to the one common transmitter Up To 50 Metres Wireless Interference-free Stereo Listening Not Limited To Line-of-site Use and Auto Scan Channel Search Automatic Volume Level Trim and Automatic Power On/Off Control Professional Unit with High Quality Sound Rechargeable Headset Includes Special "AAA" x2 Batteries Return To Base For Charging Home Audio Hi-fidelity Quality Super Comfort Long-use Design Powerful Neodymium Drivers Warm Deep Bass Response Large Cushioned Ear-pads Cushioned Elastic Headband Includes 3.5mm & RCA Adaptors Includes 240vac Power Pack Modern Champagne Gold Style with emphasis on comfort.

Code
CVW901

EARPADS

Replacement padded earpads

Code
HEP903

EXTRA HEADSETS

Replace damaged or lost phones or add extra headsets up to as many as required to use the one common source transmitter. Excellent solution for learning centres like class rooms, etc.

Code
HPW902

RECHARGEABLE BATTERY

Special High capacity cells. TWO AAA CELLS REQUIRED

Code
RB901



CORDLESS HEADPHONES INFRA-RED

Enjoy the experience of headphone listening without the bothersome restriction of being tied down with cables. The base unit plugs into any AV source via their headphone socket. The audio is then transmitted via Infrared up to 7M. The headset receives this signal and converts it back into audio for the listener. Two 'AAA' A kalines are required for the headset. The transmitter comes with the required connections and power supply. Suitable for any audio mono version for either mono TV/video or other purposes such as conferencing, classrooms, etc. Spare foam pads HEP50. 2X AAA Batteries Required

Type Code
Mono IR530

EXTRA HEADSETS

Type Code
Mono IR532

EXTRA EARPADS

Code
HEP50





↓ Earphones

CANAL EAR PHONES

EXTRA-COMFORT

Canal Phones are designed for isolating the wearer from external noises for a more rich & immersing HiFi audio experience. Listen with style! Includes crystal bling. Silicone earplugs 3 sizes supplied Design emphasis is on long-term comfort Extra-compact with rubber soft handles Great sound quality Neodymium magnet CCAW voice coil 8.7mmØ driver unit 1.2M Y-flex cable 3.5mm stereo plug 10Hz-22KHz 97dB

Colour	Code
Black	CD366BK
White	CD366WH



COBY PREMIUM EARBUDS

NEW "L" SHAPE STYLE

Neodymium Drivers "Grip" Earbuds Super-bass ported Neck-strap type 3.5mm Plug. Volume control White & Silver

Code
CVE97WH



COBY PREMIUM EARBUDS

NEW "L" SHAPE STYLE

Neodymium Drivers "Grip" Earbuds Super-bass ported Neck-strap type 3.5mm Plug. Volume control Black & Silver

Code
CVE97BK



CANAL EAR PHONES - CLASSIC

CLASSIC STYLE

Canal Phones are designed for isolating the wearer from external noises for a more rich & immersing HiFi audio experience. Soft silicone ear-buds fit comfortably in the ear canal giving clear precise sound & better bass performance in a very compact package. Good comfort fit. Neodymium magnet CCAW voice coil 10mmØ driver unit 1.2M Y-flex cable 3.5mm stereo plug Soft silicone buds Two sizes supplied 10Hz-20KHz 106dB

Colour	Code
Black	CD268BK
White	CD268WH



DELUXE EARBUDS PREMIUM

WITH VOLUME CONTROL UNI-TONE

Comfortable Premium sound Q Bass port design Neodymium magnet 1.2M cord. 3.5mm Carry pouch.

Code
SL760



CANAL PHONES OVER NECK

EXTRA-COMFORT

Good comfort fit & excellent value intra-aural head phones. Neodymium magnet with CCAW voice coil. 1.0M flex cable with Over-neck feed. 10mmØ driver unit. Bonus carry pouch 3.5mm R/A plug Soft silicone buds Two sizes supplied 10Hz-20KHz 103dB

Colour	Code
Black	CD1BK
White	CD1WH



COBY PREMIUM EARBUDS

Super light weight, mini earbud design. Digital stereo sound. Gold plated 3.5mm stereo plug. Wind-up carrying case included.

Code
CVE20



COBY RUBBER EARBUD

WITH VOLUME

Neodymium Drivers Soft earbud design Sound isolating type rubber inserts Blister packaged Volume control White & Silver

Code
CVE91



COBY STEREO EARBUDS

Super Light Weight Mini Earbud design. Blister packaged. 3.5mm RA Plug.

Code
CV-E05





ECONOMICAL EARBUDS

Packaged in a reel-in case.
20Hz-20KHz 32Ω Mylar speakers
Ferrite magnets

Plug	Code
3.5mm	MHV1
2.5mm	MHV1-25



MINI EARBUDS

White ear pieces Silver holders
Clear cable Cord-Loop for
holding player
3.5mm stereo plug
Blister packaged

Code
API89109



IPHONE HEADPHONES

3.5mm PLUG 4 PIN W/ MIC

Mini stereo earbuds
with inbuilt microphone
to suit mobile phones
like iPhone, etc.

Description	Code
Original Apple -	MHF9004
Cellink Packaged	
Cellink	MHF9002



IPHONE EARBUDS

Mini earbuds for replacing
iPhone, iPod and iPod units.

Code
MHF9003



MAGNETIC EARBUDS

Plug	Cord	Code
2.5mm	1M	EP25-3
2.5mm	2M	EP25-6
3.5mm	2M	EP35-6
3.5mm	3M	EP35-18

CRYSTAL EAR PIECE

Plug	Cord	Code
3.5mm	1M	EP35C

Replacement Rubber Earbud

Code
EB-TIP



↓ Wireless Headphones

BLUETOOTH HIFI STEREO

Foldable head-band Stereo
Full-size unit Listen & control
music from a multimedia phone
or optional transmitter Volume,
FF/Rew, Answer. Hands-free mic
inbuilt 240V/USB Charger Inc.

Code
CBH869SL



BLUETOOTH HEADSET

MONO HEADSET

High quality Sound Premium
comfort for longer use 32mm
Neodymium noise cancelling
boom microphone Dual 3.5mm
plugs

Code
CBH35SL



BLUETOOTH STREET STEREO

Foldable neck-band Stereo
headphone set Listen & control
music from a multimedia phone
or optional transmitter Volume,
FF/Rew, Answer. Hands-free mic
inbuilt 240V/USB Charger Inc.

Code
CBH879



BLUETOOTH AUDIO RECEIVER

A2DP FOR STEREO WIRELESS AUDIO

Wireless Bluetooth 2.0 Specification Compact
receiver box for streaming Stereo HiFi
Audio wirelessly between Media devices
and stereo systems 20Hz to 22KHz wide
bandwidth stereo Built-in rechargeable
batteries for portable use (charger included)
Suit Multi-media output from phones, Stereo
transmitter from PCs and Laptops or optional
BT transmitter Receives Bluetooth A2DP
Stereo Outputs to a 3.5mm Stereo socket
Connection leads are required 90x80x30mm
Deluxe Black cabinet

Code
DC5BT



A2DP STEREO TRANSMITTER

3.5mm STEREO BLUETOOTH ADAPTOR WITH MIC

Wireless stereo Bluetooth transmitter
Converts 3.5mm plug to A2DP V1.2
Transmits 20Hz to 22KHz stereo 85dB
HiFi Audio to many Multi-Media devices
Headphones, DC5BT, AF21BT speakers.
Rechargeable. Fits iPod® classic, etc.
Built-in microphone Push-button exchange.
71x24x17mm.

Colour	Code
Black	DC-8BT





↓ Headsets

HEADSET 40MM

COBY LIGHT-WEIGHT

Unique ear cup design with comfortable padding for extended listening, high-performance 40mm neodymium drivers. Adjustable boom microphone for optimum voice pick-up. Single side 1.8M cord. Adjustable head band. Gold plated 3.5mm plugs 20-20000Hz, 100dB, 32Ω with volume control. Perfect for multimedia applications.

Code
CV-M361



HEADSET 27MM

Multi-media headset WITH VOLUME CONTROL compact comfortable with adjustable boom mic. Two 3.5mm stereo plugs. Electret condenser mic. Long 2 Metre cord. Quality Yoga components.

Code
EM174



NECK HEADSET 36mm

Quality 36mm neodymium drivers Flex ble, behind the head design fits comfortably and packs easily Great for voice & video chat, multiplayer gaming, and music listening
Microphone volume controller (High-Low mute).

Code
HP404



HEADSET IN-LINE MIC

VOLUME & MIC LAPEL

Multi-purpose headphone. Can be used as a headset with the inline mic or as normal audio headphones. Excellent Sound Quality. Adjustable headband with comfortable ear pads. Inline Mic & Volume Control. 20-22KHz 32Ω 105dB
Dual 3.5mm Plugs

Code
MD207B



HEADSET 40MM

MINI AVIATION STYLE

Closed ear soft pad Metal adjust band Soft head strap
Inbuilt volume, Dual 3.5mm plugs Nylon rope cord Metal goose neck

Code
HP1004



HEADSET 40MM

MINI AVIATION STYLE

Outer ear soft pad Metal adjust band Soft head strap
Inbuilt volume, Dual 3.5mm plugs Nylon rope cord goose neck mic.

Code
HP1005



HEADSET 50MM

GAMING HEADSET

"Cyber Acoustics" Noise cancelling mic. Adjustable deluxe padded Outer ear cup design 50mm Neodymium drivers Studio quality device Volume. Mic mute. Dual 3.5mm plugs

Code
CAAC9620



BLUETOOTH STREET STEREO

Foldable neck-band Stereo headphone set Listen & control music from a multimedia phone or optional transmitter
Volume, FF/Rew, Answer. Hands-free mic inbuilt 240V/USB Charger Inc.

Code
CBH879



BLUETOOTH HIFI STEREO

Foldable head-band Stereo Full-size unit Listen & control music from a multimedia phone or optional transmitter
Volume, FF/Rew, Answer. Hands-free mic inbuilt 240V/USB Charger Inc.

Code
CBH869SL



BLUETOOTH HEADSET

MONO HEADSET

High quality Sound Premium comfort for longer use 32mm Neodymium
Noise cancelling boom microphone Dual 3.5mm plugs.

Code
CBH35SL



BLUETOOTH AM/FM EARMUFFS

ANSWERS THE PHONE!

Bluetooth cordless headset in an ear protection earmuff. 3.5mm audio input jack. Built-In AM/FM radio too. Requires 3x AAA Batteries.

Code
ABA830





↓ Headphone Accessories

3.5mm TO 6.5mm ADAPTOR

3.5mm Socket to 6.35mm Plug Stereo

Code
AD212



6.5mm TO 3.5mm ADAPTOR

6.35mm Socket to 3.5mm Plug Stereo

Code
AD122



3.5mm TO 2.5mm ADAPTOR

3.5mm Socket to 2.5mm Plug Stereo

Code
AD112



3.5mm STEREO TO MONO

Stereo 3.5mm Socket to Mono 3.5mm Plug Stereo to mono

Code
AD113



6.5mm SPLITTER

6.35mm Plug to two 6.35mm Sockets Stereo Adaptor

Code
AD2220



6.35mm TO 3.5mm SPLITTER

6.35mm Plug to two 3.5mm Sockets Stereo Adaptor

Code
AD2210



3.5mm SPLITTER

3.5mm Plug to 3.5mm Sockets Stereo Adaptor

Code
AD1210



3.5mm SPLITTER LEAD

3.5mm Plug to two 3.5mm Sockets Stereo Lead

Code
API89105



3.5mm TO 2x RCA

3.5mm Plug to 2X RCA Sockets

Code
AD1230



AIRLINE HEADPHONE ADAPTOR

Dual 3.5mm Mono Plugs to a single stereo 3.5mm socket.

Code
AD215



2.5mm TO 3.5mm LEAD

2.5mm Plug to 3.5mm Plug. Stereo

Code
ADM125W



6.35mm EXTENSION

6.35mm TO 6.35mm Plug to Socket Stereo

Length	Cord	Code
8M	Straight	AL732
8M	Curly	AL736



3.5mm EXTENSION

3.5mm TO 3.5mm Plug to Socket Stereo

Length	Code
2.0M	AL726
3.0M	AL727
5.0M	AL728



3.5mm CONNECTOR LEAD

3.5mm stereo lead. Male to Male Connectors.

Length	Code
1.5M	AL721
1.2M	AL720
2.0M	ADM135W
3.0M	AL722
5.0M	AL723
10M	AL7210



ADM135W: White with deluxe packaging.

3.5mm SOCKET TO RCA LEAD

3.5mm Socket TO RCA Stereo Lead 10cm

Code
AL638



3.5mm PLUG TO RCA LEAD

3.5mm Plug to RCA Stereo

Length	Code
1.2M	AL656
2M	AL657
3M	AL658
5M	AL659



3.5mm PLUG TO RCA LEAD PREMIUM WHITE PEARL

3.5mm plug to RCA OFC & Gold Plugs

Length	Code
1.5M	CXS1450
3.0M	CXS1452
5.0M	CXS1454



EAR BUD EARPADS

Fits mini earbuds. 4 pieces per pack.

Size	Code
10mm	HEP5
14mm	HEP10



4x EARPADS
EARBUDS NOT INCLUDED

EARPAD 27mm

Fits *27mm cup Suit HP500, etc. Approximate size* 4 pieces per pack

Code
HEP20



EARPAD 37mm

Fits *37mm cup Black foam pads Approximate size* 4 pieces per pack

Code
HEP30



EARPAD 50mm

Fits *50mm cup Black foam pads. Approximate size* Two pieces per pack

Code
HEP50



EARPAD 60mm

Fits *60mm cup Black foam pads Approximate size* Two pieces per pack

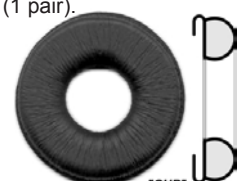
Code
HEP60



EARPAD 80mm

A material hem fits over 80mmØ rim. specifically HP800 headphones and suits many other phones. Two pieces per pack (1 pair).

Code
HEP80



EARPAD 100mm

Fits 100mmØ cup. eg. Philips HP250 & HP480, and many others. Soft cloth. Two pieces per pack.

Code
HEP100





→ Speakers Desktop

2.0 SPEAKER SYSTEM - MINI

BATTERY OPERATED
 Desktop multimedia speakers with volume
 Runs on 4X AA Cells DC
 Jack for power 3.5mm
 Stereo plug 2 1/4" Full range 80x80x125mm

Code
 LX98



USB SPEAKERS

USB ONLY - POWERED & AUDIO

A4 Tech 2.5Wx2 Crystal Acrylic Faceplate USB Speakers. Hi-Fi stereo portable speaker 2.0 system. Unique lightweight, mini appearance. High performance full-range cone, neodymium driver, magnetically shielded. No driver needed, plug & play. USB power supply mode. 55x177x63mm



Colour Black White
 Code SPK1020BK SPK1020WH

2.0 SPEAKERS

240V POWERED
 3.5mm Stereo Plug Input Desktop multimedia speakers with volume Front Headphone jack Attractive. Cloth grille 93x200x115mm.

Code
 SPK1015



2.0 SPEAKER SYSTEM - USB SOUND

Single USB Sound and Powered. Headphone out. Microphone in. With Media & Volume controls. Individual vertical standing or combine for horizontal mount. 2" Drivers with 2.5" passive. Includes carry pouch. 170x75x35mm x2

Code
 SPK1008

Optional USB powerpack

Code
 CTC1000



2.0 SPEAKER SYSTEM - USB POWERED

Input 3.5mm Analogue Input. Powered by USB Plug. For use with Laptops. 2 Watts RMS Output. Slim compact style. Power On/Off switch. Stereo volume control.

Code
 SPK1016



2.1 SPEAKER SYSTEM 4" SUB

MDF wood enclosure for the subwoofer. 4 inch design subwoofer driver. 2" x 3.5" elliptical satellite driver. Remote Control with volume, headphone jack, mute button and power indicator LED. RMS 2W x2 speakers + 4.5W woofer Input socket: 3.5mm Stereo Line-in Subwoofer 158x226x208mm Satellite 68x166x86mm

Code
 SPK1011



PREMIUM GRADE ACTIVE SPEAKER SYSTEM

NEO WORK BRAND

2-Way Self Powered Loudspeakers Volume, Bass & Treble controls Mains operated 240Vac (one unit) Class-D Output: 2x 25Wrms (30w) Response: 60(55)Hz - 20KHz Polypropylene Black/White Cabinets Aluminium White Speaker Grilles RCA or 3.5mm Stereo Input Includes Wall Brackets



Details see: 6-29

Size	5 1/4"	6 1/2"
Freq.	60Hz-20KHz	55Hz-20KHz
Power	2x 25Wrms	2x 30Wrms
Box Size	150x150x230mm	165x200x290mm
Colour	White Black	White Black
Code	NEO5A-WH NEO5A-BK	NEO6A-WH NEO6A-BK



2.1 SPEAKER SYSTEM DUAL 4" SUB

WIRED REMOTE VOLUME CONTROL

Wired volume w/ 3.5mm input. 10Wx2 Satellites 3" drivers. 30W Dual 4" sub-woofers.

Code
 SPK1019





→ Speakers BookShelf & Extension

LS3 SINGLE CUBE

SOLD INDIVIDUALLY WITH SWIVEL BASE

Fully adjustable swivel design
Removable Stand on base or on back
Fully shielded for TVs & Monitors
Optional Wall mount brackets included
Single cube for centre channel or buy multiples for an extended setup. Two required for stereo, etc.) Single 3" driver with Dual-Cone Whizzer Cone) for extended response. 6 Ohms, 50 Watts, 90dB. 85mm³ Frequency response 200Hz to 20KHz. Available in Black or White. Sold individually as singles.

Colour	Code
Black	LS3BK
White	LS3WH



Sold Individually



LS32 DUAL CUBE PAIRS

TOTAL OF FOUR CUBES ATTACHED IN PAIRS

Dual cubes attached together with Plus/Minus 60° Horizontal swivel For direct/reflective surround sound. Fully shielded for TVs & Monitors Optional Wall mount brackets included Sold in pairs for left/right sound buy multiples for an extended setup. Dual 3" drivers with Dual-Cones (Whizzer Cone) for extended response. 6 Ohms, 100 Watts, 90dB. 85 x 85 x 170mm Frequency response 200Hz to 20KHz. Available in Black or White. Sold in pairs (4 Cubes Total).

Colour	Code
Black	LS32BK
White	LS32WH



Sold In DUAL-PAIRS

FLUSH MOUNT CEILING CUBE PAIRS

COMPACT CUBES WITH RECESS HOLDER

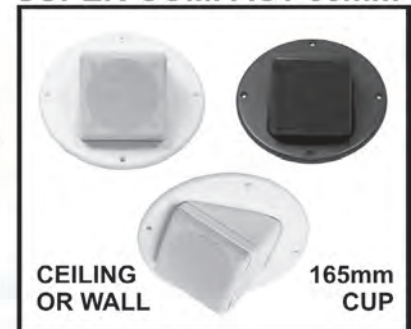
Popular 3" Cubes from Dai-1chi are now available in this attractive solution. Speakers are positioned at a 45° angle for excellent sound dispersion from a ceiling cavity. Ideal for locating surround speakers as normal ceiling drivers that fire directly-down may not give the best localised sound. Expands on the impressive "Cube" Satellites from Dai-1chi (WN-32) 6Ω 50Wnom 90dB 200Hz → 20KHz Cube 85cm³ mounted 45° 165mm Flange. 3" Dual Cone Shielded. Steel Grille.

Colour	Code
White	SA150W
Black	SA150B



X2

SUPER-COMPACT 85mm³



CEILING OR WALL

165mm CUP

3" MINI-SPEAKER CUBES

HOME / PATIO / CAR / BOAT

Weather resistant Stereo Pair
Compact 90mm³ box + Bracket
50W peak 76mm Mid-Woofer
8Ω Longlife polypropylene cone
Coaxial mounted piezo tweeter
Includes bracket for mounting
Ideal for trucks, vans, utes,
Surround sound, patio, office and other space limited HiFi

SALT WATER RESISTANT

Colour	Code
Black	SA300B
White	SA300W





06 SPEAKERS

→ Speakers BookShelf & Extension

4" BOOKSHELF EXTENSION & OUTDOOR SPEAKER BOXES

Modern rounded styling. Very compact and attractive. This speaker is a very sturdy and built of high impact molded plastic with a good finish of high quality giving excellent HiFi sound from such a compact speaker! Wedge design with metal grille, 100Wmax 4" 2way, suitable for many applications, from in the home to outside in the elements. 4Ω or 8Ω input, stand-alone or bracket mount. Suitable for Vehicles, Boats, BBQ, Surround sound, HiFi extension, Wall mount, bookshelf, patio, etc. Compact Size = 200 x 135 x 127mm angular + bracket Polypropylene woofer with butyl rubber surround Stainless steel grille (& painted) so no rust. Suit surround sound and extension speakers, etc.

Colour	Code
Black	SA500BA
White	SA500WA



5 1/4" BOOKSHELF EXTENSION & OUTDOOR SPEAKER BOXES

Attractive design, modern curved appearance with quality sound. Suitable as replacement speakers for Midi systems and extension speakers for your HiFi unit or portable stereo. Also ideal for surround sound and general purpose PA in the office / workshop, etc. Place outside under eaves, on the patio, balcony, mount on your boat, truck, 4 wheel drive, a truly universal speaker for many applications! Molded impact-resistant sealed enclosure. Removable grille. Brackets, wiring. 127mm mica cone woofer, 20mm dome tweeter. Gold screw / 4mm terminals. 8Ω 100Wmax. 240H x 178W x 140Dmm 50-22000Hz.

Colour	Code
Black	SA850BA
White	SA850WA



5 1/4" BOOKSHELF EXTENSION & OUTDOOR SPEAKER BOXES

2-WAY 250W SATELLITE SPEAKER PAIR

Attractive modern designed box Suitable for many applications Talc reinforced polypropylene, Water resistant cabinet with rubber grommet seals and a 5 1/4" Hyper-Olefin Cone Woofer 1" Mylar Cone tweeter. Dual ported design for extended frequency response.

Power	250Wmax
Imp.	4ohms 90dB
Freq.	40Hz to 20KHz
Size	235x160x174mm

Colour	Code
Black	BS515BK
White	BS515WH



6" BOOKSHELF EXTENSION & OUTDOOR SPEAKER BOXES

2-WAY 100W SATELLITE SPEAKER PAIR

Fully sealed Wedge box design Suitable for many applications. Talc reinforced polypropylene cabinets with mounting brackets. Steel speaker grille covers. 6 1/2" Hyper-Olefin Cone Woofer 1" polyprop dome tweeter. Mount in ceiling/wall corner for extended smooth bass.

Power	100Wmax
Impedance	4ohms 91dB
Freq.	110Hz to 20KHz
Size	190x280x190mm

Colour	Code
Black	ODS65BK
White	ODS65WH





3 1/2" ACCENTO-DYNAMICA HIFI SPEAKERS

Superior sound reproduction performance 2 Way system with Dynamic Mylar Tweeters Large magnet powerful Polypropylene woofers with Butyl rubber surround in a sealed box. Weather resistant sturdy plastic cabinet Colour Coated metal grilles (removeable) Free-standing or mounting angled bracket. 8Ω 85Hz-20KHz 180x130x110mm

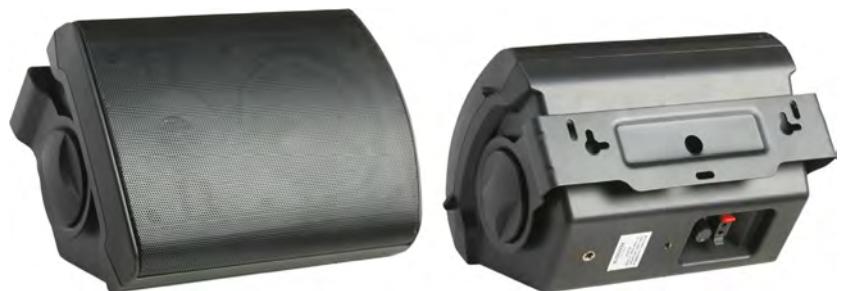
Impedance	8Ω
Freq.	85Hz-20KHz
Size	180x130x110mm
Colour	White Black
Code	ADS3021W ADS3021B



5" ACCENTO-DYNAMICA HIFI SPEAKERS

Superior sound reproduction performance 2 Way system with Dynamic Mylar Tweeters Large magnet powerful Polypropylene woofers with Butyl rubber surround in a sealed box. Weather resistant sturdy plastic cabinet Colour Coated metal grilles (removeable) Free-standing or mounting angled bracket. 8Ω 80Hz-20KHz 245x180x140mm

Impedance	8Ω
Freq.	80Hz-20KHz
Size	245x180x140mm
Colour	White Black
Code	ADS5021W ADS5021B



ACCENTO DYNAMICA IP55 WEATHER RESISTANT

OUTDOOR SPEAKER ENCLOSURES

Fully sealed enclosure designed for extended life outdoors exposed to the elements & weather. Tested to IP55 Waterproof rating. Made from UV resistant materials including attractive finish, quality ABS plastic. Powder coated metal grille and adjustable mounting brackets. 2 Way system. Mid-woofer with Mica reinforced Polypropylene butyl rubber roll surround and large 8 Oz magnet with vented core. Mylar dome dynamic tweeter. Freestanding or wall mounted. Attractive and stylish. Mounts vertically or horizontally.

WATER-PROOF SEALED WIRING LOOM

Rear terminals remain sealed by use of a screw type plug & 1ft lead. Many speakers claim IP55 rating but neglect these terminals.



INGRESS PROTECTION TESTED TO RATING IP55 SUITABLE FOR OUTDOORS

5 1/4" 2-WAY ACCENTO DYNAMICA IP55

135mm WOOFER
Compact 210x140x140mm
13mm Poly Dome Tweeter
87dB 67Hz-20KHz 60Wmax

Colour	Black White
Code	ADS5130B ADS5130W



6 1/2" 2-WAY ACCENTO DYNAMICA IP55

160mm WOOFER
Compact 290x215x170mm
20mm Poly Dome Tweeter
88dB 58Hz-20KHz 120Wmax

Colour	Black White
Code	ADS6200B ADS6200W





06 SPEAKERS

8" ACCENTO-DYNAMICA HIFI SPEAKER

FULL RANGE 8" 2-WAY SYSTEM

Superior sound reproduction performance 2 Way system 8 Ohm with 12dB electronic crossover. Dynamic Soft dome Tweeters for sweet highs. Large magnet powerful Polypropylene woofer with Butyl rubber surround in a ported box. Weather resistant long-life durability. Attractive quality sturdy plastic cabinet. Colour Coated metal grilles (removeable) Free-standing for desk or bookshelf or wall mounting angled bracket solution. Accento-Dynamica. Excellence in performance, sound & long durability.

Colour	White	Black
Pmax	120W	
Size	360x270x210mm	
Freq.	75Hz-20KHz	
Code	ADS8021W	ADS8021B



ALSO IN Line 100V See PA pages...



8" BOOKSHELF EXTENSION & OUTDOOR SPEAKER BOXES

2-WAY 200W SATELLITE SPEAKER PAIR

Fully sealed Wedge box design Suitable for many applications. Talc reinforced polypropylene cabinets with mounting brackets. Steel speaker grille covers. 8" Hyper-Olefin Cone Woofer 1" polyprop' dome tweeter.

Mount in ceiling/wall corner for extended smooth bass.

Power	200Wmax	
Impedance	6ohms	
Freq.	75Hz to 20KHz	
Size	320x230x182mm	

Colour	Black	White
Code	SA980B	SA980W



10" PROFESSIONAL PA SPEAKER BOX

IMPULSE-10 2-WAY PORTABLE INSTRUMENT SPEAKER

Suits sound reinforcement applications with voice or instruments, etc. Designed for easy transporting. Rotomold black poly-fibre wedge cabinet with handle. Impact and weather resistant for on-road toughness. Built-in Tweeter Horn Flare. Long throw applications. Steel grille protects a 10" 200Wrms (400Wmax) IS10000. Heavy Duty Dai-1chi Cellulose Fibre Cone. Reinforced. Highly efficient horn tweeter, 1" Phenolic Diaphragm. 18dB/Octave High-Powered Manganese cored crossover. Thermal switch fuse for auto resettable protection. Professional "Speakon" Input Socket (See Sect 7).

200Wrms (400Wmax)
High sensitivity 95dB
80Hzg20KHz 6Ω
370x485x330mm
1½" Mounting Pole-Cap
for optional speaker stand.

Code	PRO10L
------	--------





5" ON-WALL SPEAKERS DELUXE

2-WAY INDOOR/OUTDOOR WITH BRACKET

Modern style pearl-white box for wall mounting
Includes a ball-&-socket uni-directional bracket
Point the sound into the centre of the audience
Quality ABS plastic is paintable for your decor
5" (127mm) Polyprop' cone, butyl rubber surround 1/2"
(13mm) Mylar diaphragm tweeter & crossover
Impedance 8 Ohm
Power 75 Watts
Freq. 60Hz-20Khz
Size 235x175x160mm

SOLD IN PAIRS

Code
SAC860

Includes brackets

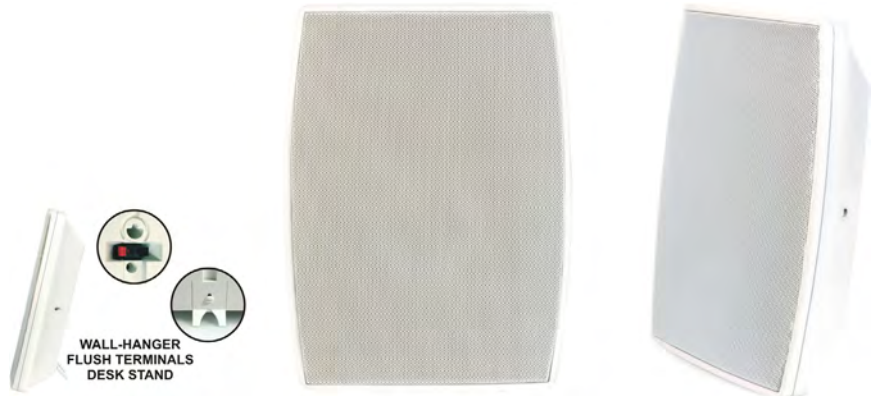


5" WALL SPEAKER DELUXE ON-WALL

LOW-PROFILE WEATHER RESISTANT 2-WAY

Excellent low-profile solution only 75mm thick
Quality ABS plastic pearl white and paintable
Attractive modern design for indoor decors
Wall hanging or retractable desk-top stands
Weather resistant design for out door use
5" polypropylene cone butyl rubber surround 1"
Mylar dome tweeter. 6dB Crossover 75 Watts
305x230x75mm

Code
SAO300W



6" WALL SPEAKER 100V

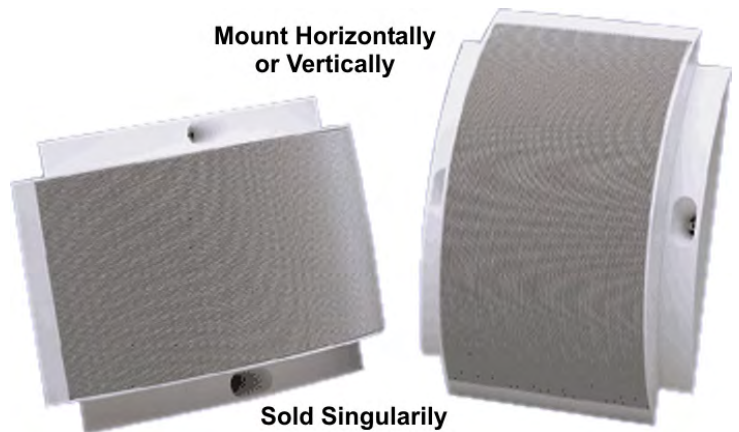
INDOOR MOUNT - LOW PROFILE

Sold in single pieces. 2 required for stereo
Architecturally elegant curved style for modern decor.
The low profile cabinet is of open-back design for
flat against the wall mounting. Made from molded
ABS and fitted with powder coated steel mesh grille.
Comprises a 6 inch 10W coaxial 2 way speaker
system paper pulp with foam surround for excellent
sound. Ideal for high performance paging and music
for home or commercial sound reproduction. Hang
vertically or mounted horizontally. 8 Ohm (Solder) or
100V Line transformer.

Taps 1.25W / 2.5W / 5W / 10W
Freq. 110Hz - 20kHz 93dB
240L x 330W x 88Dmm 1.2Kgs

Code
PA4124

Mount Horizontally
or Vertically



Sold Singularity

MARINE & OUTDOOR SPEAKERS

Tough robust speakers designed for resistance to corrosion in harsh
conditions such as on boats, RV's or wherever a speaker requires to be
weather resistant. These speakers are made from polypropylene and
the frame, magnet and grille are encased in a tough "off white" plastic.

5" (122mm) 2-WAY

120-22KHz 60W max 4 ohm

Code
SA502M

6" (165mm) 2-WAY

60-22KHz 80W max 4 ohm

Code
SA602M

6.5" SINGLE

Benelec communications
Hole=165mm O/D=180mm

Code
MSPK7





→ Speakers Ceiling & Inwall

↓ HiFi 2-Way [8 Ohm]

6½" IN-WALL / CEILING SPEAKERS SQUARE FRAME HiFi

6.5" Woofer Gray Coated Vacuum Polypropylene with and Santoprene Surround. 8oz Ferrite magnet. 1" 8 Ohm Voice Coil with Nomex Bobbin material. CRS Basket with Rough Matte Black Powder Coated Finish. 1" NEODYMIUM TWEETER. Treated Teton Silver Diaphragm. 1" 8 Ohm Voice Coil with Duralumin Bobbin material. Plastic ABS Swivel Tweeter Cover. Cutout Size: 275mm x 190mm. Minimum Depth: 93mm. Plastic ABS Grille Bezel and Corrugated Baffle with Heavy Duty Mounting quick system.

- 12dB/Octave Crossover Network
- 30 Watts (min) to 80 Watts (max)
- Sensitivity: 90dB @ 1 Watt/Metre
- Resonant Frequency: 50Hz
- Operating Frequency: 50Hz - 20kHz

Code
SA260SX



8" IN-WALL / CEILING SPEAKERS SQUARE FRAME HiFi

8" WOOFER Gray Coated Vacuum PP with Punching Screen and Santoprene Surround. 10oz Ferrite magnet. 1" 8 Ohm Voice Coil with Nomex Bobbin material. CRS Basket with Rough Matte Black Powder Coated Finish. 1" NEODYMIUM TWEETER Treated Teton Silver Diaphragm. 1" 8 Ohm Voice Coil with Duralumin Bobbin material. Plastic ABS Swivel Tweeter Cover. Cutout Size: 324mm x 230mm Minimum Depth: 102mm Plastic ABS Grille Bezel and Corrugated Baffle with Heavy Duty Mounting Dog. CRS Punching Screen

- 12dB/Octave Crossover Network
- 30 Watts (min) to 80 Watts (max)
- Sensitivity: 90dB @ 1 Watt/Metre
- Resonant Frequency: 50Hz
- Operating Frequency: 50Hz - 20kHz

Code
SA280SX



IN-WALL / CEILING SPEAKERS RECTANGULAR FRAME HiFi

MTM 2-WAY SOLD IN SINGLES

Intended as a CENTRE CHANNEL speaker solution in a DVD surround setup, however it can be used for all or any channel by simply mounting it vertically. Full HiFi Quality Speakers for mounting in a wall or ceiling cavity. Impressive construction with robust polypropylene woofers & dome tweeter. Easy installation. Fully shielded. Paintable.

4" 8Ω 60 Watts 90-20KHz.
Hole=345x130mm O/D=370x160x83mm

Code
SAC300C

6" 8Ω 70 Watts 50-20KHz.
W/ Direction adjustable tweeter
Hole=473x189mm O/D=511x217x100mm

Code
SA400CA





↓ HiFi 2-Way [8 Ohm]

4" CEILING SPEAKER TILT HiFi

"AIM" THE DRIVER FOR BETTER SOUND

Ball-In-Socket design fully enclosed speaker Adjustable angle of entire driver assembly for improved HiFi sound stage imaging & efficiency Sturdy white ABS plastic unit with metal grille Sealed back for dust free & weather resistance Polyprop 4" woofer with butyl rubber surround. Coaxial 1" Neodymium tweeter doped cloth cone Excellent quality from Dai-ichi (Philippines)

2way 100Hz to 20KHz
7cmØ 8Ω 25W max 90dB/m Tilt 0-20° Aim
Hole 195mmØ
O/D 110(d) x 220mmØ

Sold In Singles

Code

AIM1



5" & 6½" & 8" IN-WALL / CEILING SPEAKERS ROUND FRAME HiFi

Full HiFi Quality Speakers, White for mounting in a wall or ceiling cavity. Robust polypropylene woofers with butyl rubber surround. Quality soft dome tweeter on an adjustable pivot for sound focusing. These versatile speakers are suitable for music, DVD theatre, home or commercial installations. White plastic frame with a metal grille. Surfaces can be painted.

5¼" 133mm & 1" tweeter

8Ω 70W Hole = 175mmØ
O/D = 82mm(d) x 205mmØ

Code

SA350A

Easy Install Design

8 to 33mm Thick Wall
Tweeter tilts to aim
Premium Sound Quality

6½" 165mm & 1" Tweeter

8Ω 80W Hole = 193mmØ
O/D = 90mm(d) x 216mmØ

Code

SA360A

8" 238mm & 1" tweeter

8Ω 120W Hole = 238mmØ
O/D = 100mm(d) x 268mmØ

Code

SA380A



6½" & 8" IN-WALL / CEILING SPEAKERS CHROME FRAME HiFi

STAINLESS-STEEL LIP & GRILLE

Modern clean design suits kitchens and chrome/steel styled decors. Full HiFi Quality Speakers, White for mounting in a wall or ceiling cavity. Robust polypropylene woofers with butyl rubber surround. Quality soft dome tweeter on an adjustable pivot for sound focusing. These versatile speakers are suitable for music, DVD theatre, home or commercial installations. **Easy Install Design** 8 to 33mm Thick Wall Swivel Tweeter Unit.

6½" 165mm & 1" Tweeter

8Ω 80W Hole = 193mmØ
O/D = 120mm(d) x 216mmØ

Code

SASS360

8" 238mm & 1" tweeter

8Ω 120W Hole = 238mmØ
O/D = 100mm(d) x 268mmØ

Code

SASS380



6½" SINGLE UNIT "STEREO-IN-ONE" SPEAKER HiFi

Unique system of twin tweeters gives a stereo sound from a single source driver. Increase spacial aura and sound enjoyment. Full HiFi Quality Speakers 8 ohm input x2 Robust polypropylene woofer with dual 8Ω voice coils. Premium grade neodymium 13mm dome tweeter pair mounted coaxially.

6½" 8Ω 80Wmax (40Wx2) Stereo inputs.

Hole 193mmØ
O/D 120mm(d) x 216mmØ

Paintable

METAL GRILLE WHITE

Code

SA365

STAINLESS-STEEL LIP & GRILLE

Code

SASS366





06 SPEAKERS

06 SPEAKERS

↓ Accento Dynamica [8 Ohm]

ACCENTO DYNAMICA PREMIUM HIFI

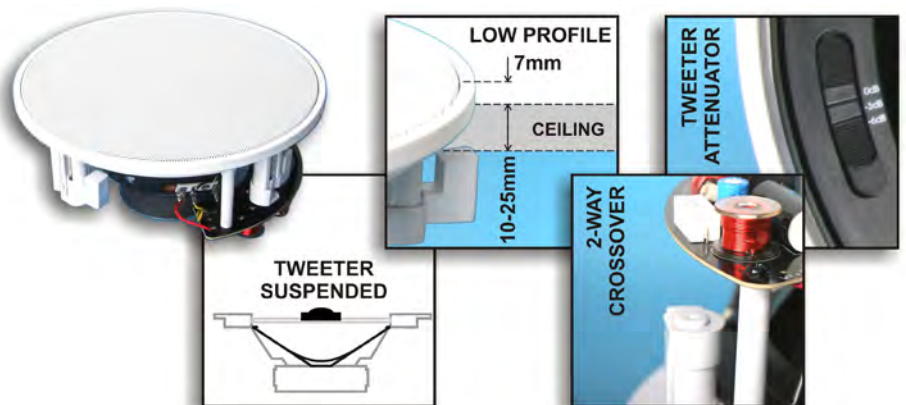
HIGH QUALITY DESIGN AND CONSTRUCTION WITH DURABILITY

Accento Speakers have been designed to take ceiling and wall mount speakers to a premium level of sound quality with HiFi performance. Attention to detail and quality componentry gives long-term reliability. New Micro-Flanged series offers sleek low profile fascia design for a minimalist non-intrusive installation with modern styling. Arctic white in colour with removable metal grille face plate. Heavy duty mid-woofer is constructed from black fibre-glass material woven to produce a light but rigid cone and inverted dust cap for excellently controlled tight bass with a live natural sound. Mounted in an anodized metal basket with butyl rubber surround for long exertion high SPL efficiency, low resonance and long life durability. The tweeter is mounted separately, suspended clear above the mid-woofer. Mylar 1" dome ferro fluid cooled neodymium magnet for beautiful sound. Matching these two drivers is a correctly engineered crossover befitting this level of performance producing an effective audiophile package. Sold in stereo pairs, this series is ideal as 8 ohm extension speakers.



MICRO-FLANGED SERIES

Domestic or Commercial Full HiFi sound quality Beautifully Finished Low profile fascia style Metal Grille Removable Back Grille protected 2-way High Fidelity Fibre-Glass Woofer Cone With Inverted dust-cap & Rubber Roll Surround Neodymium Dome Tweeter with 0-3-6dB adjustment 12dB/Octave cross-over All long-life Materials High-power High-volume Sold In Stereo Pairs 8-ohm Suit Hifi Systems

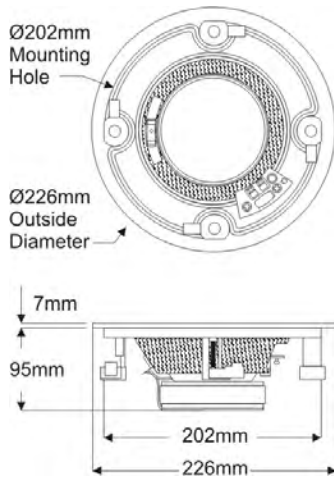


6½" 2-WAY

MICRO-FLANGED STYLE

25mm aluminium voice coil Black fibre-glass cone Inverted dust cap Butyl rubber surround Anodized metal basket 25mm Mylar dome tweeter Ferro fluid cooled Neodymium magnet 12dB/Octave cross-over 8 Ohm. Push terminals High 89dB/1W Sensitivity Swivel clamp mounting Fits a 202mm hole Power 50Wrms(100Wmax)

Code ADS65M50

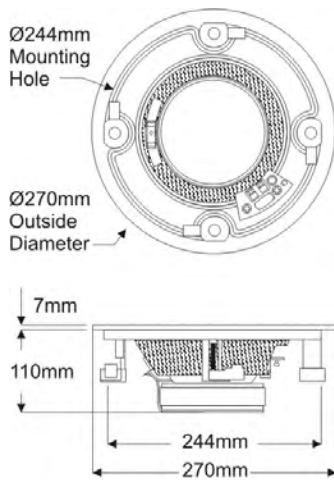


8" 2-WAY

MICRO-FLANGED STYLE

35mm aluminium voice coil Black fibre-glass cone Inverted dust cap Butyl rubber surround Anodized metal basket 25mm Mylar dome tweeter Ferro fluid cooled Neodymium magnet 12dB/Octave cross-over 8 Ohm. Push terminals High 90dB/1W Sensitivity Swivel clamp mounting Fits a 245mm hole Power 80Wrms(160Wmax)

Code ADS8M80





↓ HiFi 2-Way [8 Ohm]

STEREO HI-FI CEILING SPEAKER SYSTEMS HiFi

DOMESTIC OR COMMERCIAL
BEAUTIFULLY FINISHED
METAL GRILLE REMOVABLE
SUPERIOR ACOUSTICS
OPEN OR SEALED BACK
2-WAY HIGH FIDELITY
KEVLAR WOVEN FIBRE
CONE NEODYMIUM DOME
TWEETER TITANIUM
COATED MYLAR COAXIAL
& DIRECTIONAL RUBBER
ROLL SURROUND LONG-LIFE
MATERIALS HIGH-POWER
HIGH-VOLUME OVER-DRIVE
PROTECTED SOLD IN
STEREO PAIRS 8-OHM SUIT
HIFI SYSTEMS.

PREMIUM AUDIOPHILE SOUND

This new series takes Ceiling and In-Wall speakers to the next level of performance! New materials now affordable give superior sound quality and longevity and safety. Coaxial tweeter is swivel mounted so you can focus for clear sound open & natural listening experience Neodymium high-flux compact magnet Ferro-fluid cooled 1" mylar dome coated in titanium for crisp highs Properly 2-Way crossovers with a Kevlar woven cone for deep tight bass Long exertion Butyl rubber surround Available in open-back or closed-back Fire retardant plastics to UL-8540T

5¼" 175mm 2-WAY

KEVLAR & TITANIUM

High performance
Audiophile grade.
2-Way coaxial w/ PTC
Overdrive Protected
tweeter Titanium
coated. Kevlar Mid-
Woofer 8 Ohm for
HiFi Spring terminals
O/D Frame 215mmØ
Hole Mount 175mmØ
Cavity depth 75mm
50Wrms 100Wmax
70Hz-20KHz 88dB

Code
ADS2550



8" 245mm 2-WAY

KEVLAR & TITANIUM

High performance
Audiophile grade.
2-Way coaxial w/ PTC
Overdrive Protected
tweeter Titanium
coated. Kevlar Mid-
Woofer 8 Ohm for
HiFi Spring terminals
O/D Frame 280mmØ
Hole Mount 245mmØ
Cavity depth 90mm
80Wrms 160Wmax
50Hz-20KHz 92dB

Code
ADS2880



6½" 205mm 2-WAY

SQUARE ENCLOSURE

Sealed back box
Audiophile grade.
Conventional 2-Way
PTC Overdrive
Protected tweeter
Titanium coated.
Kevlar Mid-Woofer
8 Ohm for HiFi
Spring terminals
Frame 220x306mm
Hole 185x271mm
Cavity depth 105mm
60Wrms 120Wmax
45Hz-20KHz 87dB

Code
ADS3660



6½" 205mm 2-WAY

KEVLAR & TITANIUM

High performance
Audiophile grade.
2-Way coaxial w/
PTC Overdrive
Protected tweeter
Titanium coated.
Kevlar Mid-Woofer
8 Ohm for HiFi
Spring terminals
O/D Frame
240mmØ Hole
Mount 205mmØ
Cavity depth 75mm
60Wrms 120Wmax
60Hz-20KHz 89dB

Code
ADS2660



accento
dynamica





06 SPEAKERS

↓ Accento Dynamica [8 Ohm]

ACCENTO DYNAMICA PREMIUM QUICK INSTALL HiFi

TAKES LESS THAN 10 SECONDS!

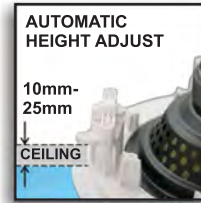
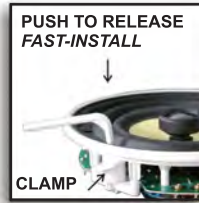
Rapid installation speaker mounting system Unique Push-To-Release spring mounting clamps spiral fastener auto-fits ceiling depth 10-25mm Use the 1/4" Allen Key (Included) for easy half-turn release of the clamp to remove the speaker. Ideal for time saving with the installers labour A simple & reliable no-fuss mounting process

KEVLAR DRIVERS

Offers premium sound quality audio & warm bass and also durability in reliable long term operation 12dB/Oct 2-Way crossover. Gold plated terminals.

TILT TWEETERS

Dampened cavity mylar dome ferro fluid cooled Can be tilted to give directionality to sound and an attenuator switch for softening presence



6 1/2" 2-WAY

FAST INSTALL

Rapid Push-Release mounting system Quick & easy Install in seconds ! Premium high-end audio sound quality with durable and reliable components Yellow woven Kevlar mid-woofer 6 1/2" Long-life Butyl Rubber roll surround 25mm Aluminium high temp' voice coil Anodised steel frame back grille 25mm Dome tweeter with tilt adjust and a high range attenuator switch 12dB/Octave electronic crossover Arctic white removable metal grille Attractive, reliable, beautiful sound 40Wrms(80Wmax) 87dB 60Hz-20KHz 8 Ohm

Code ADS65F40



8" 2-WAY

Rapid Push-Release mounting system Quick & easy Install in seconds ! Premium high-end audio sound quality with durable and reliable components. Yellow woven Kevlar mid-woofer 8". Long-life Butyl Rubber roll surround. 35mm Aluminium high temp' voice coil. Anodised steel frame back grille. 25mm Dome tweeter with tilt adjust and a high range attenuator switch. 12dB/Octave electronic crossover. Arctic white removable metal grille. Attractive, reliable, beautiful sound. 80Wrms(160Wmax) 90dB 50Hz-20KHz. 8 Ohm

Code ADS8F80



6 1/2" 2-WAY-1

FAST INSTALL

Rapid Push-Release mounting system Quick & easy Install in seconds ! Premium high-end audio sound quality with durable and reliable components Yellow woven Kevlar mid-woofer 6 1/2" Long-life Butyl Rubber roll surround 25mm Aluminium high temp' voice coil Anodised steel frame back grille 25mm Dome tweeter with tilt adjust and a high range attenuator switch 12dB/Octave electronic crossover Arctic white removable metal grille Attractive, reliable, beautiful sound 40Wrms(80Wmax) 87dB 60Hz-20KHz 8 Ohm

Code ADS365F40



06 SPEAKERS



↓ Accento Dynamica Universal [8 Ohm & PA 100V]

100V 8 OHM SWITCHABLE-LINE CEILING & WALL MOUNT SPEAKERS

PROFESSIONAL INSTALLATIONS
SEALED CABINET DESIGN
PROTECTS SPEAKER BACK
NO DIRT NO DUST NO VERMIN
GIVES BETTER BASS AND
REDUCE CAVITY VIBRATION LOW
PROFILE SMALL CAVITY FIRE
RETARDANT MATERIALS SAFETY
STANDARD UL-8540T 8OHM
AND 100V LINE INPUT LOADING
SELECT SWITCH EASY-MOUNT
INSTALL LUGS FOR QUICK
INSTALLATION SEISMIC CABLE
RING GOLD PLATED TERMINALS
LONG-LIFE RELIABILITY HIGH-
PERFORMANCE AUDIO



SAFETY STANDARD UL-8540T

Built to Safety Standard
Independently Certified
Underwriters Laboratories
Injection molded Taitalac
ABS resin Medium impact
strength Flame retardant
UL-94 High melt flow index
Specified to meet most
Installation requirements
Unit will not catch fire Wise
for any installation Also
ensures protection from
grime, dust and critters
There is an attachment point
for a safety retention cable.
Metal grille is removable.



Neodymium Dome Tweeter
Angle Adjustable



Spring Loaded Vanadium
Plated Binding Posts



Input Selection Switch
Seismic Cable Ring



Full 2-Way 12dB Crossover Network
Premium Audiophile Sound Quality



5 1/4" 175mm 2-WAY

KEVLAR & TITANIUM

Compact design &
High performance
Audiophile grade PTC
Overdrive Protected
tweeter Titanium
coated With Kevlar
5 1/4" Hi-Fi Mid-Woofer
8 Ohm for HiFi
1.5W/3W/6W Taps
Hole Mount 175mmØ
Cavity depth 140mm
50Wrms 100Wmax
66Hz-20KHz 87dB

Code
ADS1550



6 1/2" 200mm 2-WAY

KEVLAR & TITANIUM

Audiophile grade PTC
Protected Tilt Directional
Titanium Mylar Coaxial
Tweeter Kevlar 6 1/2"
Woofer Aluminium voice
coil High power long
life 8 Ohm Hi-Fidelity
7.5W/15W/30W Taps
Hole Mount 203mmØ
Cavity depth 160mm
60Wrms 120Wmax
53Hz-20KHz 88dB

Code
ADS1660



8" 245mm 2-WAY

KEVLAR & TITANIUM

Audiophile grade PTC
Protected Tilt Directional
Titanium Mylar Coaxial
Tweeter Kevlar 8"
Woofer Aluminium voice
coil High power long
life 8 Ohm Hi-Fidelity
12W/25W/50W Taps
Hole Mount 245mmØ
Cavity depth 175mm
80Wrms 160Wmax
50Hz-20KHz 89dB

Code
ADS1880

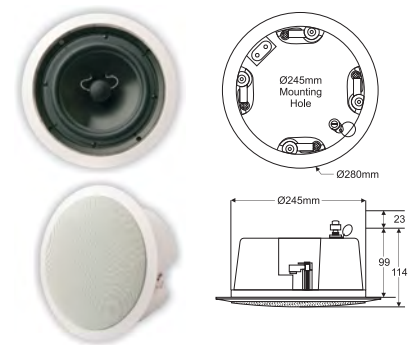


8" 245mm 2-WAY

POLY LOW-PROFILE

Suitable Small
Ceiling cavity 2-Way
coaxial Mylar Tweeter
& Superior bass
Polypropylene 8"
Aluminium voice coil
High power long life
8 Ohm Hi-Fidelity
7W/15W/30W Taps
Hole Mount 245mmØ
Cavity depth 125mm
50Wrms 100Wmax
45Hz-20KHz 88dB

Code
ADS1850





06 SPEAKERS

↓ Accento Dynamica [8 Ohm]

ACCENTO DYNAMICA QUICK INSTALL 100V

TAKES LESS THAN 10 SECONDS!

Super fast installation speaker mounting system. Developed to assist the installer with a rapid time reducing system to save on labour and also a simple & reliable no-fuss mounting process that gives a reliable confident ceiling hold.

PA 100V LINE SYSTEM

Suitable for most PA type applications, these drivers include a 100V Line transformer with voltage taps via bare wires for in-line type connection enabling multiple speaker setups. For 8 Ohm input, the transformer should be removed and the 8 Ohm input wired to directly.

DELUXE FACIA FINISH

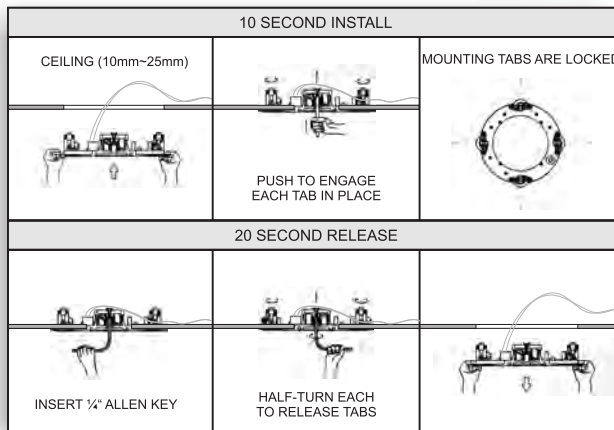
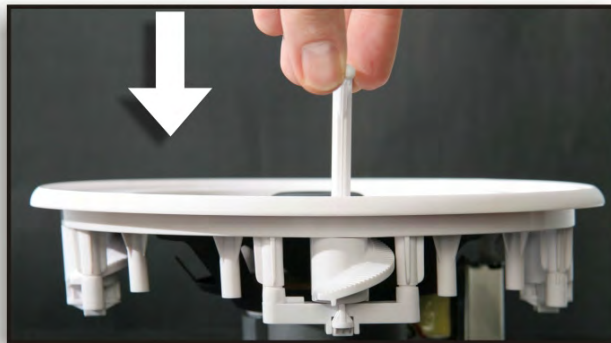
All Accento Dynamica speakers are framed in quality ABS plastic with removable metal grilles.

SPIRAL CLAMPS INSTALL SYSTEM

A unique Push-To-Release spiral clamp system gives you several advantages over normal clips. The 1st being speed, simply by using any common screwdriver, or the tool supplied, pressing will release the sprung spiral clamps to rotate around until a firm hold takes place holding the speaker. Using a common 1/4" HEX Allen key (Supplied) giving each corner a quick half-turn releases the speaker. The removable metal fascia grille covers the access.

FIRM HOLD

The rotational lever type system gives a firm hold due to the rotational clamping effect, automatically adjusting to the required height of the ceiling/wall materials depth of between 10mm up to 25mm max. This eliminates rattles and baffle sound escaping.

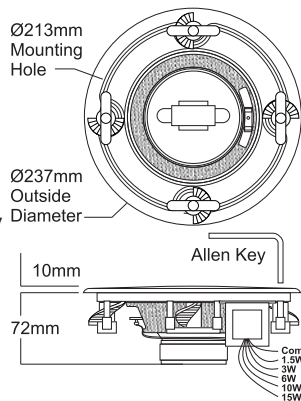


6 1/2" 2-WAY

FAST INSTALL

Rapid Push-Release mounting system. Quick & easy Install in seconds! Quality ABS plastic fascia surround. Arctic white metal removable grille. Metal frame & rear protection grille. 25mm Aluminium High Temp voice coil. Paper pulp HiFi mid-woofer speaker. Durable doped cloth roll surround. Centre pole mounted coaxial tweeter. 13mm dynamic Mylar cone tweeter. Includes 100V Line Transformer. Bare wire taps or 8 Ohm direct. 20Wrms(40Wmax) 87dB Sensitivity. 8Ω / 100V Taps: 15W-10W-6W-3W-1.5W

Code ADS65FT15

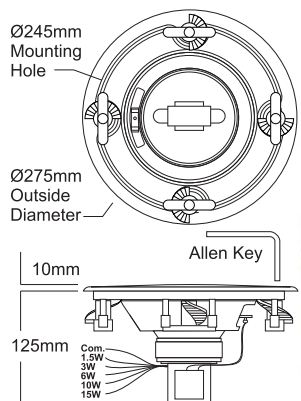


8" 2-WAY

FAST INSTALL

Rapid Push-Release mounting system Quick & easy Install in seconds! Quality ABS plastic fascia surround Arctic white metal removable grille Metal frame & rear protection grille 25mm Aluminium High Temp voice coil Paper pulp HiFi mid-woofer speaker Durable doped cloth roll surround Centre pole mounted coaxial tweeter 13mm dynamic Mylar cone tweeter Includes 100V Line Transformer Bare wire taps or 8 Ohm direct 30Wrms(60Wmax) 87dB Sensitivity Taps: 15W-10W-6W-3W-1.5W

Code ADS8FT15





↓ **Accento Dynamica [8 Ohm]**

ACCENTO DYNAMICA DUAL-CONE 100V

ALL METAL FRAME

Excellent cost effective solution Single piece stamped metal frame with a metal grille front fascia Powder coat painted neutral white Sturdy reliable constructed units Paper pulp full range speaker cone Whizzer cone for high end response Spring lever fingers for gyp' mounting Ideal GP announcement & Muzak speaker

PA 100V LINE SYSTEM

Suitable for most PA type applications, these drivers include a 100V Line transformer with voltage taps via bare wires for in-line type connection enabling multiple speaker setups. For 8 Ohm input, the transformer should be removed and the 8 Ohm input wired directly.

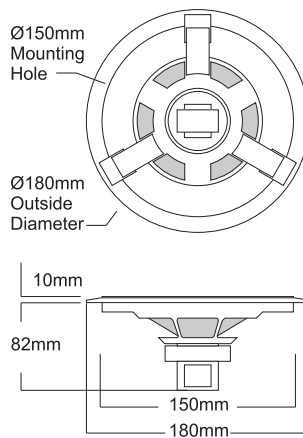


5 1/4" DUAL-CONE

METAL FRAME

Compact general purpose speaker 110mm Paper pulp cone wide range With whizzer cone for high end Reliable metal construction Neutral white powder coated Finger spring mount system Wide flange (overhang) lip Hole 150mmØ (110-180mmØ) Built-in line transformer 6Wrms(12Wmax) 87dB Sens. Taps 10W-5W-2.5W (8 Ohm)

Code ADS525FT6

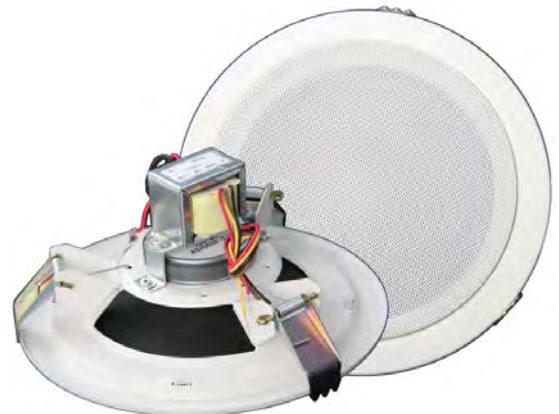
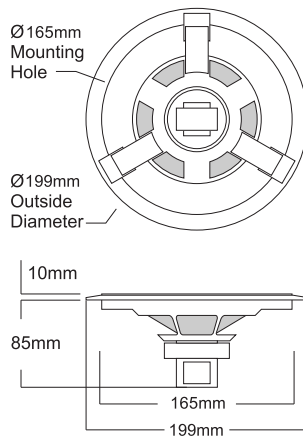


6 1/2" DUAL-CONE

METAL FRAME

General purpose PA speaker 130mm Paper pulp cone wide range With whizzer cone for high end Reliable metal construction Neutral white powder coated Finger spring mount system Wide flange (overhang) lip Hole 165mmØ (130-200mmØ) Built-in line transformer 10Wrms(20Wmax) 87dB Sens. Taps 10W-5W-2.5W (8 Ohm)

Code ADS65FT10

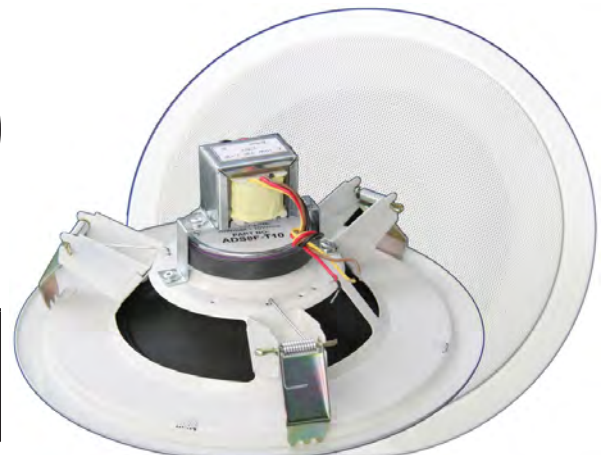
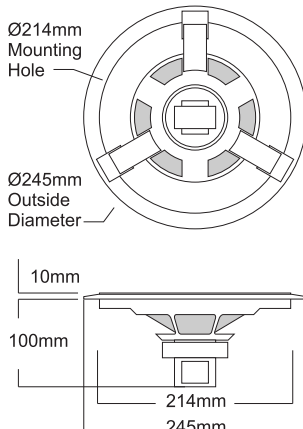


8" DUAL-CONE

METAL FRAME

General purpose PA speaker 150mm Paper pulp cone wide range With whizzer cone for high end Reliable metal construction Neutral white powder coated Finger spring mount system Wide flange (overhang) lip Hole 215mmØ (150-245mmØ) Built-in line transformer 10Wrms(20Wmax) 87dB Sens. Taps 10W-5W-2.5W (8 Ohm)

Code ADS8FT10





↓ Ceiling / Surface Mount PA 100V

100V-LINE CEILING SPEAKER 4"

4" 100mm Snap-Fit Type

Fitted with 4 way wire protect terminal block, 22µF bipolar capacitor, transformer safety cover and cable restraint plate as required by Australian standard. "Rat-Trap" type snap closed clamps.

Power taps: 0.33, 0.66, 1.25, 2.5, 5W

SPL: 92dB: 100Hz - 15kHz
Ceiling cutout: 140mm Ø

Code
PA4100



100V-LINE SURFACE MOUNT

Above Mounting Cup Type

Installations where you can not cut in a cavity for the driver. Excellent solution for locations like concrete walls, etc. Very quick and easy install. Dual cone driver included with screw terminal line transformer.

4"
Taps: 0.33, 0.66, 1.25, 2.5, 5W 4" 100mm
100Hz 92dB 220mmØ x 55mm High

Size Code
4" PA4122

8"
Taps: 0.33, 0.66, 1.25, 2.5, 5W 8" 200mm
75Hz 92dB 310mmØ x 80mm High

Size Code
8" PA8122



100V-LINE LOW PROFILE SPEAKER

INDOOR MOUNT - SINGLE

6" 2-Way paper driver. Two required for stereo. Low profile curved style Attractive indoor speaker White metal grille Open-Back for mounting flush against a wall. High performance sound for indoor music, PA, commercial or Home. Built in 100V transformer Taps 1.25-2.5-5-10W Size 240x330x88mm Sold as single units.

Code
PA4124



100V-LINE HORN SPEAKER

OUTDOOR 100V LOUD SPEAKER

180mm Mouth & 270mm Long Includes mounting bracket. 10W 100V Line PA Input Switchable power taps UV Stable ABS plastic Neutral grey in colour 4 Core loop-thru lead Sensitivity is 105dB Maximum OP is 115dB 300Hz to 13KHz (110°) Compatible with EWIS and PA emergency type installations. Articulate at speech.

Code
PA2053



100V-LINE TRANSFORMERS

Step-Up or Step-Down. Quality material for 30KHz bandwidth sound. Adapts standard amps or speakers to 100V.

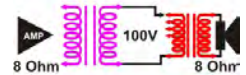
Taps	Size	Code
0.33 0.66W, 1.25 2.5 5W (8Ω)	36x42x38mm	LT05

Taps	Size	Code
1.25 2.5W, 5W 10W 15W (8Ω)	51x58x48mm	LT15

Taps	Size	Code
5W 10W 20W 30W, 8Ω and 4Ω I/O	60x50x50mm	LT30

Taps	Size	Code
5 10 20 40W, 2/4/6/8 Ohm	50x59x52mm	LT40

Taps	Size	Code
10 20 30 60W, 2/4/6/8 Ohm	62x68x62mm	LT60



CEILING CUTTER

ADJUSTABLE 40 to 270mm

Professional hole cutter for the Fast installer. Dual, replaceable blades. Pilot hole centring for cutting from both sides giving a maximum of 50mm thickness. Spring loaded clear cowling holds place. Suitable for plaster board & other soft wall & ceiling materials. Suits any standard power or cordless drills.

Code
PAX265

Replacement Blades

Code
PAB266



TOOLS

GYPROCK SAW

Made Japan Hand Saw
Two blades supplied

Code
HT300



REPLACEMENT BLADE

Type	Code
PULL	BLD301
PUSH	BLD302



SEE TOOL SECTION 14 TOOLS & TEST EQUIPMENT

SPEAKER GRILL

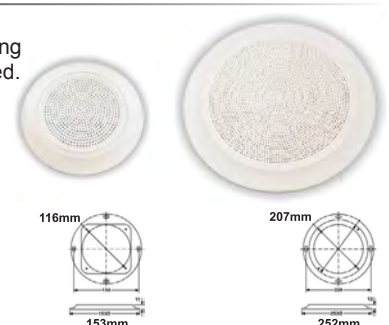
Sturdy one piece grill made of white plastic. Attaches to ceiling or wall with screws not included. White screw caps included.

SUIT 4" SQUARE FRAME
I/D=100mm, O/D=153mmØ

Code
CSG4

REQUIRES 8" SPEAKER
D=200mm, O/D=252mmØ

Code
CSG8





→ **Public Address 100V**
 ↓ **Box Speakers**

ENCLOSED SPEAKERS HI-FI & 100V

100V LINE PA INPUT TAPS & HI-FI 8 OHM INPUT OPTION

Premium Indoor/Outdoor 2-Way multi-purpose with 8 ohm HiFi inputs for normal stereo or 100V Line Inputs for PA type installations. Rear switch selects 100V Line Taps or 8 Ohm Input option.

3½" 2-WAY 50W PAIR

Freq.	85Hz-20KHz
Size	194x130x110mm
Taps	20W-10W-5W-2.5W / 8Ω
Colour	White Black
Code	ADS3021W-T ADS3021B-T

5" 2-WAY 80W PAIR

Taps	30W-15W-10W-5W / 8Ω
Freq.	80Hz-20KHz
Size	242x180x140mm
Colour	White Black
Code	ADS5021W-T ADS5021B-T

8" 2-WAY 120W

Taps	60W-30W-15W-10W / 8Ω
Freq.	75Hz-20KHz
Size	360x270x210mm
Colour	White Black
Code	ADS8021W-T ADS8021B-T



ACCENTO DYNAMICA IP55 WEATHER RESISTANT HI-FI & 100V

OUTDOOR SPEAKER ENCLOSURES

New fully sealed enclosure range Designed for extended life outdoors exposed to the elements & weather Tested IP55 Waterproof rating Attractive, quality ABS plastic. Made from UV resistant materials Powder coated metal grille and adjustable mounting brackets 2 Way system with mid-woofer Mica reinforced Polypropylene butyl rubber roll surround Large 8 Oz magnet vented core Mylar dome dynamic tweeter Freestanding or wall mounted Attractive and stylish. Mounts vertically or horizontally

WATER-PROOF SEALED WIRING LOOM

Rear terminals remain sealed by use of a screw type plug & 1ft lead. For transformer taps simply connect to the appropriately coloured wire.

CHOOSE A COLOUR & APPLICATION 8ohm HI-FI OR PA 100V LINE

Available in standard HiFi 8 Ohm for direct connection with home systems. Or with in-built multi-tap 100V line transformer for PA type applications. Each tap has its own wire connection. Simply connect to a specific wire depending on application required. Available in arctic white box & grille or midnight black to suit your decor. Cabinets are modern and attractive fashion that is stylish & un-obtrusive. Includes wall mounting brackets.



INGRESS PROTECTION TESTED TO RATING IP55 SUITABLE FOR OUTDOORS

5¼" 2-WAY ACCENTO DYNAMICA IP55

135mm WOOFER
 Compact 210x140x140mm
 13mm Poly Dome Tweeter
 87dB 67Hz-20KHz 60Wmax
 30W-15W-7.5W / 8Ω

Colour	Black White
Code	ADS5130BT ADS5130WT



6½" 2-WAY ACCENTO DYNAMICA IP55

160mm WOOFER
 Compact 290x215x170mm
 20mm Poly Dome Tweeter
 88dB 58Hz-20KHz 120Wmax
 40W-20W-10W / 8Ω

Colour	Black White
Code	ADS6200BT ADS6200WT



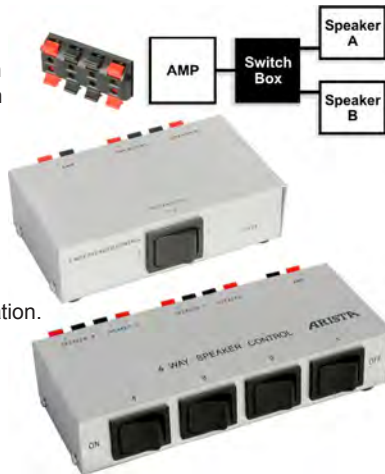


→ Speaker Selector Switches

SPEAKER SELECTOR SWITCH 2 & 4-WAY

LOAD PROTECTED

Reliable heavy-duty speaker switching Suits Post-Amplifier speaker distribution for turning on & off Extension speakers in the home or office Push Terminals 3mm cable entry Rubber feet for non-slip non-scratch Silver colour metal box Quality toggle switch



FOUR MULTI-WAY

A, B, C, &/or D. Any combination.

Code
SB-SP4

TWO WAY

A / BOTH / B

Code
SB-SP2

SPEAKER SWITCH BOX 4-WAY

Load protected Black metal cabinet Push-in terminals. 3mm cable entry. Foam feet for non-slip non-scratch. Metal box. Over current fuse protected. 160W x 100D x 50H mm Suit 100W 4Ω or 8Ω



FOUR WAY

A, B, C &/or D in any combination.

Code
SA100SW

SPEAKER SWITCH BOX 4/6-WAY

DELUXE VERSION

100Wrms power protected Push terminals at rear Pushbutton select in ANY combination of up to 4 or 6 speakers. Amplifier load automatically maintained and protected. Includes Label Stickers

Labels Inc.
Customise Each Button
To Your Own Home!



Select 1-6
Select ALL!



Spring-Load Terminals - 4/6 Pairs Output

Type Code
6way SPS6
4way SPS4

SPEAKER SWITCH W/ VOLUME 4-WAY

4X2 MATRIX 100W

Dual Inputs Stereo (A or B) Four Zone Outputs Stereo Independent Volume Controls 100Wrms (600Wmax) per CH. 19" Rack mount or desktop 4 or 8 ohm speakers Screw press terminals



Code
SA4100

→ Wall Volume Controls

VOLUME WALL PLATE

SPEAKER IMPEDANCE LOADED 8Ω

Proper impedance loaded switching volume control for wall mounting to adjust the volume of 4Ω or 8Ω speaker runs (post amp). Bare speaker wire screw terminals. Easy to install. Heavy duty long life design White wall plate & knob. Stereo pair control 12 steps to -48dB. 8Ω (and 4Ω). Maximum power 200W.

Power Code
200W 8Ω SA1200VC



VOLUME WALL PLATE - CASCADE

FOR MULTIPLE OUTPUTS

Proper impedance loaded stereo switching volume control for wall mounting to adjust the volume of 4Ω or 8Ω speaker runs (post amp). Bare speaker wire screw terminals. Easy to install. Heavy duty long life design White wall plate & knob. Stereo pair control 12 steps to -48dB. 8Ω (and 4Ω). Maximum power 200W.

Impedance matching type for cascading multiple controls along one line.

Power Code
200W 8Ω SA1270VC



VOLUME WALL PLATE 100V-LINE

REQUIRES 100V-LINE SYSTEM

For 100V-Line systems only! 100V-Line systems offer lower loss over distance & multiple speaker setups. See 100V-Line for more...

IN-WALL MONO ATTENUATOR

Proper impedance loaded switching volume control for wall mounting to adjust the volume of 100V Line PA speaker runs (one line). Screw terminals. HPM. Excel series Vertical. White wall plate & knob. Single (1) line control. 11 step to -48dB. +Off. Power is 40W/60Wrms Mono

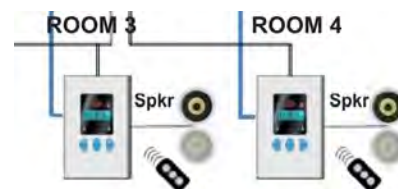
Watt Code
10Wrms PA2260
40Wrms PA2265



MEDIA DISTRIBUTION

REMOTE CONTROL

House-wide systems for distributing audio and video using CAT5 cable Modern/Professional Low impact install. Includes remote control extender and other features...



SECTION 20 MISC HOME THEATRE



→ Public Address Amplifiers

PUBLIC ADDRESS AMPLIFIERS - HIGH POWER

HIGH POWER PANNAX

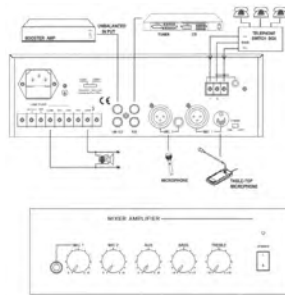
Five channel microphone inputs
 Each microphone individual volume
 XLA and " Phono mic inputs
 Phantom powered 24V (switch I/O)
 VOX enabled mic input 1 priority
 Three auxiliary line level inputs
 RCA terminals for CD, TUNER, MP3
 Line level outputs pre/post volume
 Four Zone on/off switch controls
 Mains powered or emergency 24Vdc
 8ohm/100V/70V/50V Tapped output
 45Hz-15KHz 3dB 1%THD -75dB

Power	Size	Weight	Code
120Wrms	482x133x282mm	11Kg	PA0120
240Wrms	482x142x355mm	17Kg	PA0240



PUBLIC ADDRESS AMPLIFIERS

Two dynamic microphone inputs.
 Accepts 6.35mm Balanced (3 pin)
 6.35mm Un-Balanced, XLR & Din.
 RCA (Mono of L+R) Auxiliary input.
 Front panel volume controls for
 Level adjustments for each input
 Bass and Treble controls.
 Mic 1 input automatically soft-mutes
 AUX for announcement (VOX).
 Announce Chime (Via Din Plug Only).
 Line out (RCA) post volume.
 60Hz-15KHz 70dB range.
 Quality manufactured in a black metal box.
 88x272x300mm. 240Vac Mains or
 12Vdc(PA2020, 40) 24Vdc(PA2060).
 Outputs to 8Ω or Line 25V-70V-100V



Power	Code
40Wmax (20Wrms)	PA2020E
60Wmax (40Wrms)	PA2040
90Wmax (60Wrms)	PA2060



PUBLIC ADDRESS AMPLIFIER - COMPACT

MAINS OR 12V OPERATION 15W

This compact amplifier is ideal for small public address installations or mobile and temporary solutions. **NOT A 100V LINE OUTPUT PA** Needs Transformer available separately Includes one Balanced Mic input. And One RCA (L&R bridged) input. Mic is XLR or 6.5mm Phono sockets. Two volumes (Aux & Mic.) Phantom powered XLR. Metal box. IDC Mains 240Vac input. (Lead inc.) Screw terminal 12Vdc input. Screw terminal 4/8 Ohm output. 1RU Rack Size 210x130x44mm

Power	Code
15W	PA4016



CD PLAYER AND AM/FM RADIO RACK UNIT

AUDIO SOURCE UNIT FOR PA SYSTEMS

Rack mountable stereo/mono source for background music, etc. Quality build for reliability and function with clear button controls. CD player unit. Distortion: < 0.1% S/N: > 80dB Output: 850mV pause/play, next key, previous key, power, program, random, repeat AM/FM digital tuner unit with 6 station programable presets. Tuning range: FM: 87.5MHz to 108MHz AM: 522MHz to 1611MHz 30Hz to 15kHz (+1/-3dB) Distortion: < 1% S/N: > 60dB (1mV, FM)

Code
PACDT3





Mixers and Signal Modifiers

MINI-STEREO DJ MIXER

5 INPUT STEREO MULTIMEDIA MIXER DUB AUDIO FOR VIDEO OR DJ - PORTABLE

This quality built mini sized audio mixer is comprehensive enough for applications. Audio dubbing in home movies or home studio. Compact metal box. Low noise design. 6.35mm headphone socket with volume Headphone monitors main output only Stereo LED VU meter for main output Microphone talk over mute switch Cross fader between channel A and B Hi gain output suits most amplifiers Desk standing or console mountable Measures 330(L) x 122(W) x 39(H)mm Includes 12VAC plugpack



Code RYM600

AUDIO & MIC MIXER VOX SWITCH

HARD-WIRED INLINE SOLUTION

Voice Operated Switch (VOX) PA solution Two Inputs to one output channel combined Suitable for microphone or line level Audio Input #1 VOX mutes Audio Input #2 Separate trim controls for adjusting Levels of Inputs and VOX sensivity VOX Operated 24V Output for control of external equipment. (screw terminals) Microphone connections are screw type Compatible with balanced or un-balanced Optional Phantom power to microphone Suit hard-wired professional install Premium grade SMD circuitry product Compact metal cabinet 100x27x80mm



Code A4910

24V POWER PACK REQUIRED

Volts	Current	Code
24V	1200mA	SMP24V-1 2A-21R

MIC SPLITTER

Splitter & Combiner Impedance matcher 3x XLR Connectors.

Code MQS31



MIC PRE-AMP

Single channel mic preamp with phantom power XLR & 1/4" Volume control

Code MQS51



CABLE TESTER

Test calibration of 1/4" phono jack plug and any gender of XLR 3 Pin leads

Code MQS52



RCA TO BALANCED

XLR Line Level converter Inject stereo 2x Channel Unbalanced to balanced Dual volume controls

Code MQS75



GROUND-LOOP

Hum eliminator for removing Hum noise from ground loop problems

Code HEB100



PHANTOM POWER

Inject 48+ Volts as required for some powered microphones Mains 240Vac in

Code PPS100





Mixers and Signal Modifiers

RACK INSTALLATION MIXER 6CH MONO

1U RACK MOUNT PROFESSIONAL

"Work" by Equipson S.A. of Spain. Offer a comprehensive range of professional sound and lighting equipment available.

1U rack mount six channel mic/line mixer Accepts Balanced microphone XLR inputs or 6.35mm 1/4" plug unbalanced line inputs Separate volume level for each channel Combined Bass & Treble with master volume Outputs to low-level 0.5V balanced XLR and 6.35mm High-level 1.5V unbalanced out All XLR Mic Inputs have 15V Phantom power Low noise circuitry with extra headroom Simple concise panel layout for easy use All metal black cabinet for rack mounting Premium reliability for long service life Ideal for permanent mount public address or simple mixing solutions like foldback or any basic situation requiring quality. More available: www.nationalaudio.com.au



Code

MX61

RACK INSTALLATION MIXER 6CH STEREO

1U RACK MOUNT PROFESSIONAL DUAL-ZONE

6 channel mixer with 6 x mic inputs on balanced XLR or stereo RCA line inputs each, gain and balance per channel, 3 band equaliser, stereo or mono function with separate L/R output controls, LED VU and peak indicators, 1RU. This 6 stereo channel mixer has been designed to provide an easy control of the audio mix. Its 3 band equalizer on the Master section allows the configuration of different channel levels, with an easy control of output level. A Mic/Line selector is also available for each input. The MMX60 includes a Talkover function for the channel 1 (or both 1 and 2) and separated master outputs to select the different zones. Its 19 inch rack format allows using it in any installation. 6 input channel mixer - Mic/Line selector on each channel - Gain and balance controls on each channel - 3 band equalizer on Master section - Talkover function with level control - Separated L/R Master control outputs - Phantom supply (12 V) for microphones - LED VU meter and peak indicators.



Code

MMX60

More models are available: www.nationalaudio.com.au

→ Active Speakers

NEO ACTIVE SPEAKER

PREMIUM COMPACT POWERED MONITORS

The NEO Series offers a compact self amplified speaker pair which greatly simplifies convenience in location. An ideal fashionable accessory to modern audio. Connects directly to MP3 & iPod® type multimedia with 3.5mm Stereo and RCA Line level inputs. Installers and architects can take advantage of the elegant design of the NEO loudspeakers and use them as another element of decoration and function. Visual integration is easier for the home or office. Inbuilt super efficient Class-D digital amplification gives light weight unit with lower heat dissipation. Each pair comes with one active speaker with controls and another passive speaker connected by speaker wire. Adjustments include volume, bass and treble controls. Self standing or use the Ball-In-Socket type swivel adjustable wall brackets included.



SPECIFICATIONS

2-Way Self Powered Loudspeakers

Volume, Bass & Treble controls

Woofer 5 1/4" (6 1/2") + Tweeter

Mains operated 240Vac (one unit)

Highly Efficient Class-D amplifier

Power Output: 2x 25Wrms (30w)

Weight is 4.4Kg(5Kg) Amplified one

Response: 60(55)Hz - 20KHz

Polypropylene Black/White Cabinets

Aluminium White Speaker Grilles

RCA or 3.5mm Stereo Input

Includes Wall Brackets

Size	5 1/4"	6 1/2"		
Freq.	60Hz-20KHz	55Hz-20KHz		
Power	2x 25Wrms	2x 30Wrms		
Box Size	150x150x230mm	165x200x290mm		
Colour	White	Black	White	Black
Code	NEO5A-WH	NEO5A-BK	NEO6A-WH	NEO6A-BK



WALL BRACKET



→ Active Speakers

4" ACTIVE SPEAKER BLUETOOTH

EXCELLENT QUALITY WOODEN CABINET WITH OPTIONAL WIRELESS

• Multi-application HiFi book shelf speakers made from particle board for quality sound reproduction. Attractive curved edge with laminate. Detachable cloth speaker grills. European styled drivers. Ideal as PC & Notebook speakers for presentations, listening to music or watching movies. Connect your portable audio device up too, whether it be your MP3 player, Mobile Phone, PDA, etc. Two Models Available. RCA line input only or RCA line input with wireless Bluetooth streaming audio input. Built-in active amplifier with fully adjustable treble, bass and volume controls. Just plug in power and connect the audio source and your ready to go! Available separately. Magnetically shielded speaker drivers allows for safe use with other electronic equipment. Eg. CRT monitors. Two colours to choose from Black wood grain style and White wood grain style. Well built, sturdy MDF Cabinet with attractive wood grain finish and HEX slot screws. Front mounted bass reflex port and removable cloth grille. Stereo amplifier module unit can be purchased individually.

Dai-1chi brand amplified audio speakers Hard wired model available for HiFi use Optional wireless Bluetooth streaming Mobile phone, PDA, Laptop, computer, or any multi-media Bluetooth device. Excellent solution for Music listening or for laptop multimedia presentations Bluetooth offers wide compatibility with a host of multi-media devices Requires 240Vac power to operate 2x 20 Watt RMS (Stereo) 1" Mylar Dome Tweeter 4" Mid-Woofer Shielded Bluetooth V1.2 Class-II A2DP
2 X 20W RMS (Stereo AmpModule)
1" Dome Tweeter* - 4" Mid Woofer
Freq: 40Hz-20KHz +/- 3dB
S/N: >75dB
Stereo Amplifier module is located in the R/H unit and connected to the L/H unit via speaker wire (Inc.)
Box Size: 150x233x312mm
240V AC Input (Inc. lead)
3.5mm Subwoofer Out
Stereo RCA line input (Inc. 3.5mm stereo to RCA lead)
Bluetooth range of up to 20M*
Bluetooth V1.2, Class2, A2DP*

Bluetooth	Colour	Code
Yes	White	AF21BTWH
No	Black	AF21BK
No	White	AF21WH

ACTIVE AMPLIFIER MODULE ONLY

Description	Code
20Wx2	AMP-AF21

BLUETOOTH TRANSMITTER - 3.5MM PLUG

Size	Colour	Code
65x25x15mm	Black	DC-8BT



WIRELESS TO ANY BLUETOOTH ENABLED COMPUTER OR OTHER MULTI-MEDIA DEVICE!



Bluetooth



STEREO AUDIO ANALOGUE 3.5mm BT-TRANSMITTERS
*DC8BT Includes a microphone



STEREO AUDIO AMPLIFIER MODULE 20Wrms





4" ACTIVE SPEAKER COMPACT

18Wrms BUILT-IN AMPLIFIER

Dai-1chi brand amplified audio speakers in a compact enclosure. Particle board boxes with laminated finish for quality sound in an attractive enclosure. Excellent solution for Music listening from laptop and PC multimedia or MP3, etc. Requires 240Vac power to operate. 2x 18 Watt RMS (Stereo) 1" Mylar Dome Tweeter 4" Mid-Woofer Shielded

2 X 18W RMS (Stereo Amp)
1" Dome Tweeter* - 4" Mid Woofer
Freq: 40Hz-20KHz +/- 3dB
S/N: >75dB

Stereo Amplifier module is located in the R/H unit and connected to the L/H unit via speaker wire (Inc.)
Box Size: 140x150x250mm
240V AC Input (Inc. lead)
3.5mm Lead included
Stereo RCA line input
Sold in Stereo Pairs
Big sound from a compact
Green illuminated controls



Green Illuminated Controls

Colour	Code
Black Vinyl	AF91BK
Cherry Wood	AF91CH





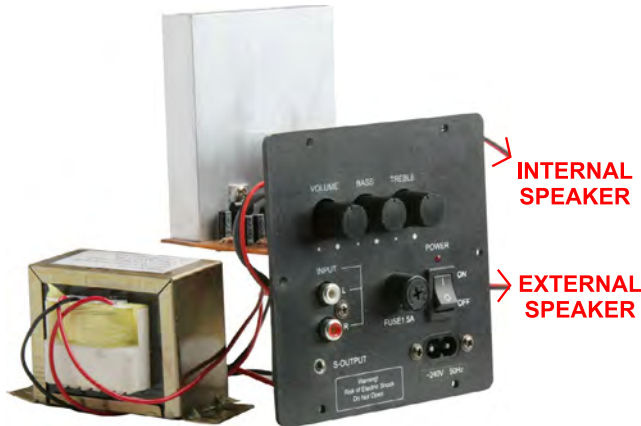
→ Amplifier Modules

20W AMPLIFIER MODULE

SELF CONTAINED AMP UNIT

Stereo Power Amplifier Module
 With 240Vac mains transformer
 Aluminium heat sink attached.
 Facia module designed for speaker
 box hole mounting Volume &
 Bass/Treble control RCA Stereo
 Line-Level Input Mains power
 toggle switch AC Cord & RCA.
 Lead supplied, Face plate size
 110x110mm 20Wrms per channel
 output Place inside 1 speaker box
 and run a wire to the other Suit full
 range speakers.

Description	Code
20Wx2	AMP-AF21



SUBWOOFER AMPLIFIERS

Self contained, high power amplifiers for making an active subwoofer enclosure. Simply cut a hole, connect the speaker internally, and start bothering your neighbours!
 Drives one 4Ω (or an 8Ω) or two 8Ω-parallel subwoofers (NOT 2Ω stable, so we recommend only driving one 8Ω Peerless subwoofer). Heavy duty design and construction. Plugs direct into 240V. Gold plated RCA line level input or speaker-thru signal connections (Not High-Pass filtered). Inbuilt active Low-Pass adjustable filter (60 to 180Hz F2) for easy matching to your existing speaker system. Suitable for connection to a standard stereo amp or the latest home theatre systems with DVD, etc. Phase reverse switch. Gain control. Thermal protected. Transistor outputs. Large power supplies. Auto-switching power on audio signal input. Quality, sturdy construction with air tight plastic enclosure box and a heavy metal fascia with foam grommet for tight fit.

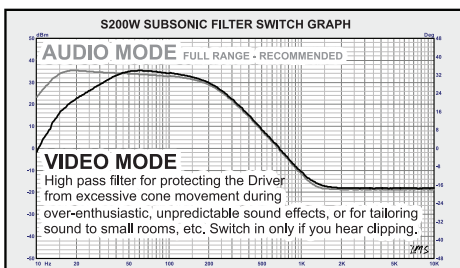


200Wrms HI-FI-UPGRADE AMP MODULE

EXCLUSIVE SSS IMPROVED !

Locally developed design by Stones Sound Studio.
 Excellence in audio fidelity True Subsonic -3dB point 15Hz!
 With very impressive stability.
 As used in high-end XLS1000 kit.
 Line level I/O (Stereo RCA through)
 Speaker I/O for Satellite system.
 Low-pass adjustable 60Hz → 180Hz
 Super low stability to below 15Hz
 THD:0.8%
 Switched 17Hz -24dB filter
 215x215x90mm(4L) plastic back case
 220x220mm hole cut
 200Wrms 4Ω (165Wrms 8Ω)
 500Wmax (measured)

Description	Code
Amplifier, 200Wrms	S200W



SSS IMPROVED For XLS800 SubWoofer Kit



→ Portable PA Systems

PORTABLE PA SYSTEMS



CHIAYO - 5 YEAR WARRANTY

Professional PA solutions for reliable use as portable or convenient pack-away situations. Operates from mains power and all models have inbuilt rechargeable batteries for hours of use. Ideal for sales, sports announcing, celebrants, places of worship, presentations, etc., etc. Manufactured in Taiwan and operating in Australia for over 25 years, Chiayo confidently offer an impressive 5 year warranty.



STEP 1: Select the base unit with the built-in features you require.



STEP 2: Select any accessories required. Wireless Microphone, etc. are optional.



MICROPHONES SOLD SEPARATELY

Base units come equipped to different levels depending on your requirements. Choose a wireless model if you wish to use an optional wireless microphone. Two wireless microphones require a "U2" dual receiver base unit. All microphones are sold separately and are listed below.

PORTABLE PA SYSTEM CHALLENGER

STEP 1: CHOOSE YOUR CHALLENGER CHIAYO 10" 75W MAIN UNIT

Fashionable and sophisticated deluxe model that is both professional and functional Available in assorted combinations of 1CH or 4CH optional wireless microphones CD/MP3 & USB/MP3 Players with remote control any combination is available, please enquire. Powerful 10" Woofer 2-Way 75Wrms 117dB max. 240V & Inbuilt rechargeable 4.5AH Batteries. XLR/ Jack x2 mic Inputs. RCA Line In/Outputs Trolley wheels with retractable pull handle Light in weight strong aluminium enclosure 500x350x300mm



OPTIONS SHOWN DEPEND ON MODEL ORDERED



Description	Code
Basic unit	CHG-U0OR
Basic unit with CD/MP3 Player	CHG-U0SR
Basic Unit with CD/MP3 Player & MP3 Recorder	CHG-U0STR
Basic unit with 1 Wireless Channel	CHG-U1OR
1 Wireless Channel & CD/MP3 Player	CHG-U1SR
1 Wireless Channel & CD/MP3 & Tape Deck	CHG-U1STR
1 Wireless Channel & CD/MP3 Player, MP3 Recorder	CHG-U1SMR
Basic unit with 2 Wireless Channel	CHG-U2OR
2 Wireless Channel & CD/MP3 Player	CHG-U2SR
2 Wireless Channel & CD/MP3 & Tape Deck	CHG-U2STR
2 Wireless Channel & CD/MP3 Player, MP3 Recorder	CHG-U2SMR

The above units do not include accessories. Microphones are sold separately. Choose from hand-held, hands-free lapel or headset type wireless microphones below.



SHOWN WITH STAND10 (OPTIONAL)

STEP 2: CHOOSE YOUR WIRELESS MICROPHONE OPTION

CHALLENGER WIRELESS MICROPHONES

The following accessories are to suit the Challenger units WITH Wireless receiver (U1OR/U1MR/U2OR/U2MR). Lapel and Headset microphones include SM1016 Transmitter for pocket or hip mounting.

Description	Code
UHF Mic. 598MHz	SQ1016-598
UHF Mic. 750MHz	SQ1016-750
UHF Mic. 800MHz	SQ1016-800
Lapel Mic. & Transmitter	SM1016-MC16
Lapel Mic. & Transmitter	SM1016-MC520
Head Mic. & Transmitter	SM1016-MC72
Head Mic. & Transmitter	SM1016-NHS777



SM1016 Hip Transmitter comes with One of the following...



MC520



MC72



NHS777

STEP 3: CHOOSE YOUR CHALLENGER ACCESSORIES

Description	Code
Speaker Stand	ST50
Passive Extension Speaker	CHG-SP
Active Extension Speaker	CHG-PSR
Sports Arena Pack	SPORTSPK



→ Portable PA Systems

PORTABLE PA SYSTEM FOCUS

STEP 1: CHOOSE YOUR FOCUS CHIAYO 6" 30W MAIN UNIT

Compact A4 Sized PA unit. Great for easy portability. Optional facilities include: CD/CD-R/CD-RW and MP3 player with a USB slot MP3 Player and Infrared remote control. Single or dual wireless microphones. 6" Full Range 30Wrms. w/ Bass/Treble. 240Vac and rechargeable Battery. 6.35mm Microphone & Line Input. Auto-mutes music when announcing. Go anywhere. 310x220x215mm 5.5Kg

- High efficiency output volume with inbuilt 30Wrms Class-D power amplifier.
- Battery operation eliminates power cables so you can take it anywhere!
- Lightweight and powerful All-In-One portable PA system – and only A4 size!
- Easy to operate and suitable for both indoors and outdoors
- 6" full-range speaker system with maximum output of 50W
- Band selection of wireless microphone system UHF-VHF
- Single or Dual Channel wireless microphone operation available
- Anti-interference Pilotone circuitry means superior wireless reception
- Inputs: Wired mic input and AUX Input (with dedicated volume controls)
- Outputs: Extension Speaker and AUX Output (RCA)
- Extension speaker can be either passive or active model
- Individual Bass and Treble control
- 100-240V AC switch mode power supply
- 15V DC supply by 1 built-in rechargeable lead acid battery
- Charging indicator LED and Smart Charge circuit
- The CD & USB player can be remotely operated
- from both front and rear of unit.(optional)



SHOWN WITH MICROPHONE (OPTIONAL)

Description	Code
Basic unit with cord microphone	F505-U0OR
Basic unit with CD/MP3 Player	F505-U0SR
Basic unit with 1 Wireless Channel	F505-U1OR
1 Wireless Channel & CD/MP3 Player	F505-U1SMR
2 Wireless Channel & CD/MP3 Player	F505-U2SR
2 Wireless Channel & CD/MP3 Player, MP3 Recorder	F505-U2SMR



OPTIONS SHOWN DEPEND ON MODEL ORDERED

STEP 2: CHOOSE YOUR WIRELESS MICROPHONE OPTION

FOCUS WIRELESS MICROPHONES

The following accessories are to suit the FOCUS units WITH Wireless receiver (U1OR/U1MR/U2OR/U2MR). Lapel and Headset microphones include SM1016 Transmitter for pocket or hip mounting.

Description	Code
UHF Mic. 598MHz	SQ1016-598
UHF Mic. 750MHz	SQ1016-750
UHF Mic. 800MHz	SQ1016-800
Lapel Mic. & Transmitter	SM1016-MC16
Lapel Mic. & Transmitter	SM1016-MC520
Head Mic. & Transmitter	SM1016-MC72
Head Mic. & Transmitter	SM1016-NHS777



SQ1016

SM1016 Hip Transmitter comes with One of the following...

STEP 3: CHOOSE YOUR FOCUS ACCESSORIES

Description	Code
Passive Extension Speaker	F505-SP
Powered Extension Speaker	F505-PSR
Stand and accessories bag	SB45
Stand to Suit Focus	ST40



SM1016



MC16

MC520



MC72



NHS777



PORTABLE PA SYSTEM COACH 400

• STEP 1: CHOOSE YOUR

PERSONAL PORTABLE PA AMPLIFIER

Truly wireless. Hand-held, shoulder strapped, portable PA system. Relatively compact in size and light in weight with high performance. Battery operation eliminates all cables so you can take it anywhere. High efficiency output power with inbuilt 25W class-D power amplifier. 4" full range speaker system with maximum output of 40W peak (25Wrms) 2 alarm button sounds for emergency broadcasting and attention getting! Input: Wired microphone, Aux 3.5mm stereo for connection to iPod, etc. Output: Aux 3.5mm for further amplification, cascading, recording, etc. Suitable for outdoor/indoor applications such as lectures, trade fairs, tours and events, spruiking, generally anywhere you need to be heard ! Lithium battery offers extended operation time and minimizes the weight Includes mains 240Vac charger, takes about 4 hours from empty to full. Operation is about 10Hrs to 12Hrs for speech and 5Hrs to 6Hrs for music. All models include a hand-held microphone on a curly lead (6.35mm plug). Dimensions 205mm Deep, 155mm Diameter. Only 1.6Kg in weight. With handle.

*OPTIONAL MP3 PLAYBACK and/or WIRELESS MICROPHONE FEATURE

Optional upgrades to the base unit are available to offer extra features including MP3 playback and wireless microphone reception compatibility. Accessories available as optional extras depending on features required. *USB 2.0 port for reading MP3 files with LCD display of track information *Inbuilt wireless microphone receiver system:UHF (16 CH. switchable) *Wireless microphone system requires the addition of a wireless microphone. Several styles are available for you to choose from. See Below...

Description	Code
Cord Mic. Included	COACH-U0OR
MP3 Playback. Cord Mic.	COACH-U0MR
Requires Wireless Mic.*	COACH-U1OR
MP3 Playback. Requires Wireless Mic.*	COACH-U1MR



CHIAYO

CoaCh400

WIRELESS MICROPHONE OPTION



COACH-U0MR
With MP3 Player
Shown Here



COACH-U1OR with SQ1016
Hand-held Wireless Microphone

• STEP 2: CHOOSE YOUR

COACH WIRELESS MICROPHONES

The following accessories are to suit the Coach units WITH Wireless receiver (U1OR/U1MR). Lapel and Headset microphones include SM1016 Transmitter for pocket or hip mounting.

Description	Code
UHF Mic. 800MHz	SQ1016-800
Lapel Mic. & Transmitter	SM1016-MC16
Lapel Mic. & Transmitter	SM1016-MC520
Head Mic. & Transmitter	SM1016-MC72
Head Mic. & Transmitter	SM1016-NHS777



SM1016
Hip mount Transmitter



MC16



MC520



MC72



NHS777

• STEP 3: CHOOSE YOUR

COACH ACCESSORIES

Description	Code
Tripod Stand to suit Coach	ST30
Stand and accessories bag	SB45
Neoprene Waist Pouch	WP10
Carry Pouch for SQ1016	HP10



PERSONAL BELTPACK AMPLIFIER

HIP-MOUNT PA

Portable "Voice saver" device Strap for shoulder or waist Contoured for comfort hip Deliver intelligible clarity Hands-free headset mic Or plug-in an iPod, etc. Super efficient 10W Class-D 4Hrs constant, 8Hr talk time Includes mains charger and NiMH rechargeable Batteries Uses common "AA" cells 195x115x105mm 650g



Code
ITALK

MINI-MEGAPHONE

6" BULL-HORN

One handed operation Press trigger to talk Microphone in handle Thumb control volume Point and shoot voice Siren attention getter Wrist strap safety Rubber boot on lip Long-Life construction Scream at people all day Requires 6x "AA" cells Only 1/2Kg + Batteries Rated output 1.8W 300mm x 150mmØ



Code
GT620

DAI-1CHI SPEAKER BOX 10" PROFESSIONAL PA

2-WAY PORTABLE INSTRUMENT SPEAKER

Sound reinforcement speaker (passive) for amplifying voice or instruments, etc. Designed extra rugged for transporting. Professional grade performance. Heavy duty high power 10" Daichi PA Driver. Built-in Super Tweeter Horn Flare for Long throw public address applications. Heavy Duty fibre Reinforced ABS Plastic. Highly efficient horn loaded compression driver. Tweeter is Power Thermal switch protected. Professional "Speakon" rear connectors 1" pole mount option with locking screw. Removeable rubber feet floor standing Vertical stacking option with secure bolts Fold-back floor angle stands included 250Wrms (500Wmax) 90dB 1Watt/1M 90Hz g 20KHz 8Ω Input. Loop out. 360x270x500mm

Code
PRO10L



Neutrik Connectors
Section 7 Plugs





→ Microphones

↓ Microphone Cables and Accessories

MICROPHONE STANDS

EXTENDABLE - TRANSPORTABLE

Collapses down for easy transportation. 1M high. Sturdy three legged stand. Terminates in standard 5/8" Requires mic holder to suit.

SINGLE MAST

Extends 96 to 154cm

Code
MS154

BOOM STAND

The Above mast plus Boom extends 70cm.

Code
MS270



AMPHENOL PRODUCTS

PROFESSIONAL XLR

A comprehensive range of Plugs, Sockets & Leads are available from Amphenol Australia Please request a catalogue

For our complete listing of premium quality XRL plugs sockets and more... Please request a catalogue

SECTION 07 PLUGS & SOCKETS

www.amphenol.com.au



BALANCED MICROPHONE LEAD

XLR-F → XLR-M

Nickel Barrel Amphenol Leads

Length	Code
1M	CA0102A001
3M	CA0102A003
6M	CA0102A006
9M	CA0102A009



XLR-F g 6.35mm STEREO

Nickel Barrel Amphenol Leads

Length	Code
1M	CA0121A001
3M	CA0121A003
6M	CA0121A006
9M	CA0121A009



XLR-F → 6.35mm MONO

Nickel Barrel Amphenol Leads

Length	Code
1M	CA0120A001
3M	CA0120A003
6M	CA0120A006
9M	CA0120A009



6.35mm g 6.35mm MONO

Nickel Barrel / Gold plated Leads

Length	Code
1M	CA3030B001
3M	CA3030B003
6M	CA3030B006
9M	CA3030B009



6.35mm → 6.35mm RIGHT/ANGLE

Nickel Barrel / Gold Plated Leads

Length	Code
1M	CA3032B001
3M	CA3032B003
6M	CA3032B006
9M	CA3032B009



SEE SECTION 7 PLUGS & SOCKETS FOR MORE

www.Amphenol.com.au

MICROPHONE HOLDERS

More accessories after YOGA Mics.....

STD 5/8"

Suit	Code
22 → 30mmØ	YH8

STD 5/8" & 1/2"

Suit	Code
22mmØ Plus+	MH22

LGE 5/8" & 1/2"

Suit	Code
30mmØ Plus+	MH30

SPRUNG 5/8"

Type	Code
Jaw grip type	MH50



NEUTRIK PRODUCTS

PROFESSIONAL XLR

A comprehensive range of Plugs, Sockets & Leads are available from Neutr k Liechtenstein Please

request a catalogue For our complete listing of premium quality neutr k plugs sockets and more... Please

request a catalogue

SECTION 07 PLUGS & SOCKETS

www.neutrik.com



MICROPHONE LEADS

SECTION 08 PREPARED LEADS

Too many to list here!

1/4" PLUG TO PLUG

Description	Length	Code
6.35mm Mono Plug To Plug. 8.0 Metres Shielded Cable	8M	AL717
6.35mm M-M Curly Cord. 8.0M when extended.	8M	AL716
6.35mm M-M 4mm Cable w/ Metal Plugs 6.0M	6M	AL718

1/4" PLUG TO XLR-F

Length	Code
5M	ML10

XLR-M TO XLR-F

Length	Code
5M	ML12



MORE...

SECTION 07 PLUGS & SOCKETS

Available in hard copy Either as a section only Or complete with all of our other exciting products **Ask for a catalogue !**

SECTION 08 PREPARED LEADS

SECTION 13 CABLE & ACCESSORIES

Reels of wire for DYI





STEREO LAPEL MIC

35mm X 8mmØ
Stereo 3.5mm plug
Suit personal audio
recorders, MD, etc.
With tie clasp.
Condenser.

Code
UDM50S



CELLULAR PHONE MICROPHONE

External condenser type.
Removable visor clip. 3.5
metre cable.

2.5mm PLUG

Code
HFM25

3.5mm PLUG

Code
HFM20



CELLULAR PHONE MICROPHONE

Condenser type. High sensitivity.
Cord length 3.6M

2.5mm PLUG

Code
HFM70

3.5mm PLUG

Code
HFM66



INDUCTION MICROPHONE

Pickup induction coil type
(Not a microphone as
such). Place on a standard
telephone earpiece and it
records to any standard mic
input. 1M cable. 3.5mm plug.

Code
TIC1



DYNAMIC MICROPHONES FULL-SIZE

Uni-Directional. Fitted with 3M cord,
6.35mm phono plug and ON-OFF
switch. Packaged. Plastic barrel and
guard. 100Hz-10KHz -76dB 600Ω

Code
DM515B



CASSETTE MICROPHONES MINIATURE

Omni-Directional microphone
with stand. Suitable for tape
recorders, etc. 1M Cord.
Dynamic type pickup. With
mute switch.

Plug Code
3.5mm UM10



DESK MIC

Multimedia desk mic.
Stereo 3.5mm plug.
Condenser mic. Suit
PCs & recorders, etc.
With desk stand and
adjustable 25cm neck.
Also available: USB version.

Type Code
3.5mm MO3
USB MO4



MIC DESK STAND

Tripod stand & hot-shoe
Quality ABS Plastic
Folds for portable Height
adjustable Includes mic
holder Suits full-sized mic

Code
YH26A



MICROPHONE WINDSCREENS

50mm I/D & 65mm O/D (L 75mm)

Colour	Code
Black	MS1BK
Blue	MS1BU
Red	MS1RD
Yellow	MS1YL



10mm I/D & 20mm O/D (L 50mm)

Colour	Code
Black	MS2BK

CONDENSER MICROPHONE INSERT

Suit desk mic, cassette recorders, mobile & cordless phones, etc.
7x10mmØ UNBALANCED (2 pin)

Code
CM2

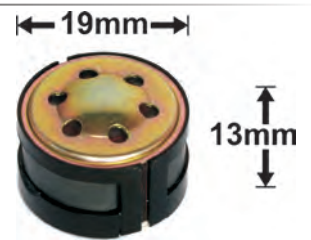
Other styles available for mobile phones -
See Section 17 CELLULAR ACCESSORIES



DYNAMIC MICROPHONE INSERT

Suit intercom applications.
eg. motor helmets, etc.
Uni-directional with noise
cancelling type design. Quality
made in Japan. 400Ω. -62dB.
300Hz→3500Hz.

Code
DM190



DYNAMIC MIC INSERT - Yoga®

50Hz to 16KHz

Their best! Uni. Professional Vocal. 500Ω
Sens' -75dB (±3dB) Size A30 B16 C23 D23mm

Code
DM13

80Hz to 12KHz

Vocal or instrument. 600Ω
Sens' -76dB (±3dB) Size A28 B22 C18 D22mm

Code
DM8



DESK MICROPHONE

ANNOUNCEMENT

Professional Dynamic Microphone
Premium Uni-Directional insert Metal
windshield microphone head Metal
adjustable goose-neck 190mm
110x160mm Weighted base for stability
Toggle switch On / Off / Momentary 1.5
metre long connection lead Terminates to
3 pin XLR plug
Pin 1 Ground
Pin 2 Mic
Pin 3 Switched
-72dB 80-12Khz
600W Dynamic

Code DM1





↓ Yoga Professional YOGA ELECTRONICS



PERFORMANCE DYNAMIC MICROPHONE

Dynamic microphone
Black zinc diecast
Black mesh screen
On/Off switch.

Freq.	50Hz-16KHz
Sens.	-76±3dB(1KHz)
Impedance	600Ω
Size	52Øx163mm
Cord	5M → 6.35mm Plug
Code	DM250



YOGA STAGE MICROPHONE

PROFESSIONAL GRADE

Dynamic type microphone
Super Cardioid Directivity
Dark grey metal body
Silver mesh screen
On/Off switch
Includes 5ft lead



Freq.	50Hz-16KHz
Impedance	600Ω
Sens.	-72dB
Code	FX518

PREMIUM DYNAMIC MICROPHONE

Balanced Uni-Directional Cardioid.
Excellent for reproducing voice. Tough
Zinc-diecast construction with steel head.
Boxed with lead. I/O switch. 3 pin Cannon
style socket to 6.35mm plug lead.

Freq.	40Hz-17KHz
Sens.	-76±3dB(1KHz)
Impedance	500Ω
Cord	5M → 6.35mm Plug
Code	DM1200



PERFORMANCE PROFESSIONAL MICROPHONE

NEW! Dynamic Voice Mic.

Balanced Super-Cardioid.
Low noise, high output
for excellent punch.
Exceptional gain with
minimal feedback. Ideal
for reproducing voice.

Freq.	60Hz-17KHz
Sens.	-74±3dB(1KHz)
Impedance	250Ω
Cord	5M→6.35mm Plug
Code	DM1002A



DUAL IMPEDANCE DYNAMIC MICROPHONE

Uni-Directional with switchable
impedance for Home HiFi,
Karaoke to PA, etc. High quality
voice insert. Tough plastic casing
with steel head and removable
4pin (NC514) to 6.35mm lead.
Economical with quality sound.

SW	600W/OFF/50KW
Freq.	60Hz-15KHz
Sens.	-76±3dB(600Ω), -60±3dB(50KΩ)
Size	52Øx163mm
Cord	3M → 6.35mm Plug
Code	DM615





↓ Yoga Professional

FM WIRELESS DYNAMIC MICROPHONE

Uni-directional mic with adjustable 89-93MHz FM modulation. Requires an FM Receiver. Invisible antenna or direct connect by cable for normal "wired" usage (6.35mm). On/Wired/Off switch.

Includes Protective Case

Wireless or Includes Unbalanced Lead Option



Pick Up On Any FM Radio Receiver!

FM RADIO NOT INCLUDED

Size 51Øx220mm
 Freq. 80Hz-12KHz
 Code WM430

HEADSET MICROPHONE

Premium grade professional microphone for stage work or other hands free apps'. Excellent replacement mic for wireless mobile type transmitters (Not inc.). Cardioid Dynamic microphone with metal gooseneck and metal headband. 50cm lead. 3.5mm or 6.5mm plug.

Cardioid Dynamic Microphone Quality Insert

6.5mm 3.5mm Plug

Hands-Free On Stage Operation

Freq. 100Hz-15KHz
 Sens. -72dB
 Code DM193



GUITAR PICK-UP

ACOUSTIC

Clips onto the open sound hole to allow amplification, etc. 6.35mm with volume

Code GPE80



DRUM & INSTRUMENT MICROPHONE

Premium dynamic instrument mic. High output, High SPL and low noise. Extremely rugged construction. Metal barrel with Super-suspension. Mic up drums and other high SPL. Designed for Stage work. Normal mic stand mount or included rim stand. 3 pin balanced socket. NO Lead supplied.
 Freq. 40Hz-16KHz
 Sens. -74±3dB(600Ω)

Code FX516

Includes Protective Cary Case

Requires Lead ML10 / 12



GOOSENECK INSTRUMENT MICROPHONE

MINIATURE CONDENSER & CLAMP
 Delivers studio quality sound for use with saxophone and other brass type instruments. Compact 13mmØ head 150mm long gooseneck with peg type clamp. Hyper-Cardioid Condenser type.

Requires Phantom Power

Freq. 30Hz-17KHz
 Sens. -60±3dB(200Ω)
 Cord 3M → 6.35mm Plug

Code EM712A

Condenser Type Element Requires Phantom Power

Compact Goose-Neck Hi-Grade

Peg-Clip Onto Rim Of Horn

Includes Hard Case & Pouch



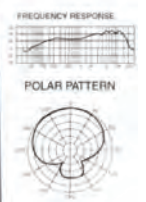
KICK DRUM MICROPHONE

Premium dynamic microphone for extremely high sound pressure levels at close range. Super-Cardioid directional response. Metal barrel with Super-suspension. Warm low F for excellent kick drum pickup with excellent transient response & exceptional detail. 3 pin balanced socket. NO Lead supplied.
 Freq. 40Hz-15KHz
 Sens. -86±3dB(100Ω)

Code FX568

Includes Protective Cary Case

Requires Lead ML10 / 12

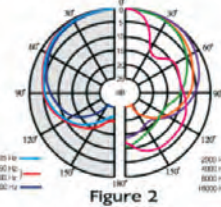
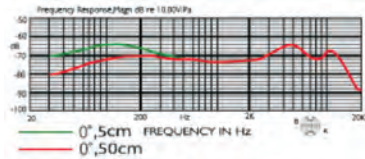




↓ JTS Professional

JTS PERFORMANCE MICROPHONES

Premium microphones for vocal, drum and instrument pick-up. Suitable for any Live m king Rugged reliable construction All metal with shock mount Superior wide frequency Very accurate, clear & punchy Warm dynamic sound quality Professional studio mics. Exceptional value for money.



MH36
(Included)



JTS VOCAL DYNAMIC

Outstanding pick-up pattern Superior smooth sound quality Neodymium 600Ω -72dB XLR Balanced 50Hz → 16.5KHz Cardioid Dynamic Matte finish gun-metal light grey Enamel paint. Hardened Die-Cast 245g Super low touch noise shock mech. Includes holder and carry pouch.

Code
NX8

JTS VOCAL DYNAMIC WITH SWITCH

Same premium performance pick-up as the JTS-NX8 above but with a unique magnetic reed switch for for long-term silent operation. Locking prevents malfunction. Dark gun-metal grey matte finish with black metal pick-up grille. Exceptional performance value.

Code
NX8S

JTS CONDENSER

PHANTOM POWER or BATTERY OPTION

Superior low-noise & high sensitivity providing maximum gain before feedback. Exceptional natural transparent sound. Optimal instrument pickup suitable for overhead Hi-Hat to Acoustic Guitar. Uni-Directional electret condenser 60Hz → 18KHz -70dB 520Ω Cardioid XLR

Code
NX9



CONDENSER
ELECTRET

JTS MICROPHONE ACCESSORIES

All the above JTS microphones include a padded PU leather protective pouch and a microphone holder for a 1/4" stand.

Optional Accessories Also Available:

Description	Code
NX9 Mic Holder	MH16
NX8 NX8S Mic Holder	MH36
Wireless Mic Holder	MH56
XLR Balanced Lead 5M	ML12
XLR Unbalanced Lead 5M	ML10
Lapel Microphone - Black	CM201B
Lapel Microphone - Tan	CM201T
Headset Microphone	CX504



Long-Life
Durability



MH-16



MH-36

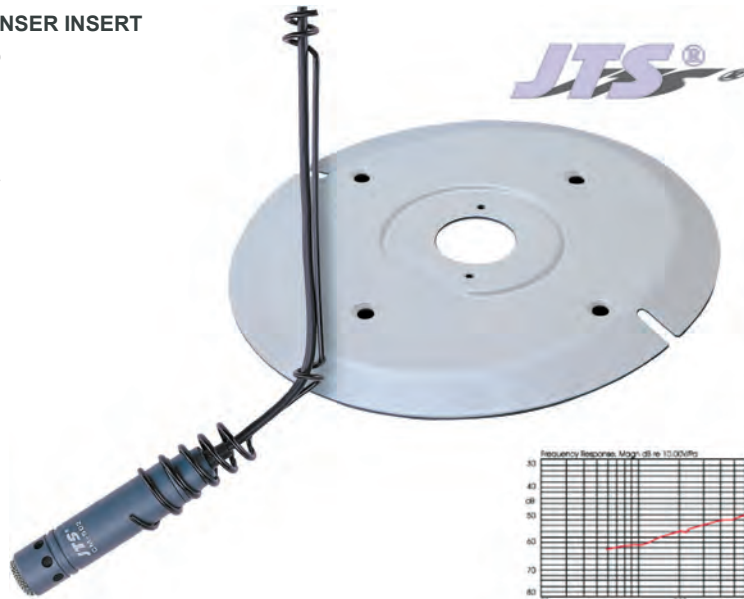


CHOIR MICROPHONE

PHANTOM POWER ELECTRET CONDENSER INSERT

Versatile drop mic for sound stage pick-up
 Exceptional quality with high dynamic range
 Accurate detail and wide frequency response
 High sensitivity. Excellent directional pattern
 Easy install stand with adjustable neck holder
 Premium grade for permanent installations
 100Hz → 18KHz -48dB 220Ω Super-Cardioid XLR

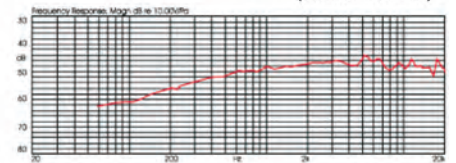
Code
 CM5020



CEILING MOUNT



PICK-UP
 (Holder Not Inc.)



JTS GOOSENECK MICROPHONES

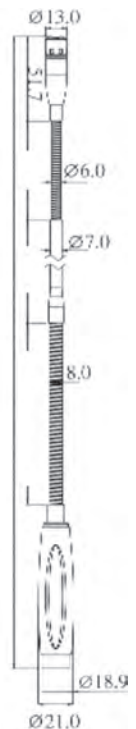
CONDENSER TYPE - THREE SIZES

Requires Phantom Power and base solution. Vertical direct XLR Male Terminated. Premium quality all metal construction. Voice optimised. High local sensitivity. 80Hz → 18KHz -58dB Super-Cardioid. Length given is total, tip to tip.

Length	Code
300mm	GM5206
450mm	GM5212
600mm	GM5218



SOLD SEPARATELY
 Purchase the Base then the Goose Neck
 6" 12" 18"



JTS DESK MIC STAND

BASE ONLY - WITH POWER OPTIONS

Heavy stable base solution for desk mic. Universal stand with XLR Sockets In/Out Low-Noise Magnetic reed Talk switch Large 140x155mm 1.2Kg Die-Cast quality Hidden switch for phantom power options Internal battery / External / None Suit condenser or dynamic microphones

Code
 ST5030



MICROPHONE HOLDERS

For a secure hold of your microphone
 Optimised for the lowest handling noise
 Non scratch elastic plastic mic. holders Includes 3/4" to 1/2" adaptors

MIC.	Code
NX8	MH36
NX9	MH16
MH920 / MH750	MH56



MH-16



MH-36



MH-56





JTS PROFESSIONAL CABLE & WIRELESS MICROPHONES

JTS is a leading designer and manufacturer of professional microphones for vocals, musical instruments and other sound reinforcement applications. With a proficient range of cable and wireless microphone solutions, JTS is the emerging leader in quality microphones for studio & stage. The success of JTS is based on a user-oriented design policy. Development is benefitted by their new highly sophisticated studio. With JTS, you'll find affordable, well built mics for every application.



READ ME !

The US902D has been manufactured with several different ranges of frequencies. When purchasing additional microphones, be sure to check the frequency of your US902D receiver so as to order a compatible microphone. See descriptions below*.

US902D DUAL CHANNEL DUAL DIVERSITY UHF RECEIVER

Current model suits 638MHz to 662MHz (F3) frequency microphones. Digital control with RF & AF level meters, etc. Preset 16 selectable UHF channels. PLL synthesized multi-channels. Dual-Diversity technology for minimum dropouts in the RF link. Noise mute and pilot tone squelch circuit eliminates unwanted interference. Lock-On function (switch) is provided. LCD display. 1U Rack metal housing. Equipped with XLR balanced and 1/4" unbalanced outputs. 105dB dynamic range! Dual tuned antennas extend the effective range of the wireless link. Complete professional solution for reliable confident sound reinforcement. The receiver & microphones, etc. are purchased as a complete kit. Additional microphones & accessories are available separately as required. This new models suit F3 frequency mics only*.



DUAL UHF WIRELESS SYSTEM - RECEIVER & TWO MICROPHONES

Description	Code
US902D with 2x MH920 Handheld Mics.	JTS902D-MH920
US902D with 2x PT920B/CM204U Headset Mics.	JTS902D-CM204U
US902D with 2x PT920B/CM201B Lapel Mics.	JTS902D-CM201B
US902D with MH920 Hand & PT920B/MH204U Headset Mic.	JTS902D-MH204U
US902D with MH920 Hand & PT920B/MH201B Lapel Mic.	JTS902D-MH201B

HAND-HELD MICROPHONE TRANSMITTER

Advanced PLL circuit ensures stable signal transmission. LCD Tuning. Extended dynamic range and smooth frequency response premium pick-up. Advanced circuit and tone-key squelch permit interference-free low noise. Internal antenna design benefits unique styling. Metal barrel & grille. Runs on common "AA" batteries (Not Inc.) rechargeable cell compatible. 16 switchable channels for multiple units or avoiding interference. Professional grade wireless solution for excellent performance & sound.

Description	Freq.	Code
Current model F3	638-662MHz	MH920F3
Early Model F2	790-814 MHz	MH920F2
Early Model F1	782-806 MHz	MH920F1

*Suits approximate purchase date for your US902D. Check the back of the unit stipulates frequency required.



BODY-PACK TRANSMITTER

PLL synthesized oscillator type with LCD Display. Preset 16 selectable channels, push button. Advanced circuitry ensures stable transmission. Powered by AA batteries. Requires microphone. Equipped with 4P Mini XLR connector that is compatible with lavalier or headset microphones. Carry case for protection and attachment to belt.

Description	Freq.	Code
Current model F3	638-662MHz	PT920BF3
Early Model F2	790-814 MHz	PT920BF2
Early Model F1	782-806 MHz	PT920BF1

*Suits approximate purchase date for your US902D. Check the back of the unit stipulates frequency required.



LAPEL MICROPHONE

SUIT PT920B & PT850B BODY-PACKS
Uni-direction for high-quality voice pickup
Wide dynamic range and frequency response
Excellent for sound reinforcement Very small size for minimum visibility
Clothing clip for easy attaching 4P Mini XLR Plug.

Description	Code
Lapel Microphone - Black	CM201B
Lapel Microphone - Tan	CM201T



HEADSET MICROPHONE

SUIT PT920B BODY-PACKS
Uni-direction for high-quality voice pickup
Wide dynamic range and frequency response. Excellent for sound stage and mobile use
Lightweight, ergonomical and comfortable. Excellent gain before feedback and low noise. Mini-XLR 4 pin plug.

Code
CM204U





SINGLE CHANNEL UHF PLL DIVERSITY WIRELESS MICROPHONE SYSTEM

Preset 16x switch selectable UHF channels. Requires One Receiver unit for one microphone transmitter. Diversity technology for minimum dropouts & clearest sound. PLL synthesized technology for multi-channel stability. Noise mute and pilot tone squelch circuit. Current model suits 638-622MHz. Equipped with both XLR balanced and 1/4" unbalanced outputs. 1/2U rack housing for use with Optional DR900 Rack assembly. Optional P61 Sturdy Carry Case for looking after your system. Optional Mic stand holders MH56 for stage work.

READ ME !

Beware! The US8001D has been manufactured of the years with several different ranges of frequencies. When purchasing additional Microphones, be sure to purchase the correct frequency for compatibility. Check the back of the US8001D unit for this specification as it stipulates the frequency required.



SINGLE UHF WIRELESS SYSTEM - RECEIVER & LAPEL MIC.

US8001D Single UHF PLL Diversity Receiver
PT850B Belt Pack Transmitter Unit
CM501 Lapel Microphone to suit PT850B



Code
JTS8001D-CM501

SINGLE UHF WIRELESS SYSTEM - RECEIVER & HEADSET MIC.

US8001D Single UHF PLL Diversity Receiver F3
PT850B Belt Pack Transmitter Unit
CX504 Headset Microphone to suit PT850B



Code
JTS8001D-CX504

SINGLE UHF WIRELESS SYSTEM - RECEIVER & HAND HELD MIC.

US8001D Single UHF PLL Diversity Receiver F3
MH750 Hand Held Microphone



Code
JTS8001D-MH750

HAND-HELD MICROPHONE TRANSMITTER

Advanced PLL circuit ensures stable signal transmission. Preset selectable 16 channel radio frequency UHF. Tone-key squelch circuit minimises interference. Internal antenna design benefits unique styling. Durable plastic housing that's attractive and light weight. Single AA Battery operation. LED indicator with Low Battery and power I/O. Check your JTS8001D to order the correct frequency microphone.

Description	Freq.	Code
Current model F3	638-622MHz	MH750F3
Early Model F2	790-814MHz	MH750F2
Early Model F1	782-806MHz	MH750F1



LOOK! Check your JTS8001D for its frequency range. Please see the back of your unit as it stipulates the frequency required for the correct microphone model.

BODY-PACK TRANSMITTER

PLL synthesized oscillator type. Preset 16 selectable channels. Advanced circuitry. Stable transmission. Powered by AA batteries. LED Display. Equipped with 4P Mini XLR connector. Compatible for lavalier or headset mic. Carry case for tight attaching to belt. Available to suit New and older models of JTS8001D. Please check the back of your unit to order correct compatible frequency.

Description	Freq.	Code
Current model F3	638-622MHz	PT850BF3
Early Model F2	790-814MHz	PT850BF2
Early Model F1	782-806MHz	PT850BF1



HEADSET MICROPHONE

SUIT PT850B & PT920B BODY-PACKS

Uni-direction for high-quality voice pickup. Wide dynamic range and frequency response. Excellent for sound stage and mobile use. Lightweight, ergonomical and comfortable. Excellent gain before feedback and low noise. Mini-XLR 4 pin plug.

Code
CX504



US8001 RACK 1U MOUNTING KIT

Professionally combines two half units into 1U rack space

Code
DR900



SUITS 2X US8001 UNITS

US8001 PROFESSIONAL CARRY CASE

SUITS US8001 UHF KITS

Hard shell carry case with foam insert. Simply remove pieces to suit application. Primarily used for the US-8001 Kits. eg. Space for 1x 1/2U Rack Receiver, 1x CM201, 2x Handheld Microphones, 2x Body-Pack transmitters, etc.

Code
P61



ACCESSORIES NOT INCLUDED



06 SPEAKERS

→ Wireless

TWO CHANNEL WIRELESS MICROPHONE SYSTEM

DUAL UHF RECEIVER & 2X MIC

Fixed frequency band system using two frequency channels Supplied with two hand-held wireless dynamic microphones 555.8MHz & 523.8MHz Quartz locked FM Modulation channels Metal head, full sized, premium dynamic microphone insert Operates on 9V batteries (Required) for long operation barrel has Power-On LED with Battery-Low indication LED Power switch and separate mute switch on microphone Base station has external antennae for each channel with signal locked indication for no-fuss easy to use Cabinet case is constructed from extruded aluminium Outputs to 6.35mm Unbalanced Jacks gold-plated Electronics optimised for best low-noise performance Individual volume control for each channel. This technology offers excellent value for money and will be quite suitable for a majority of small scale public address situations with a claimed roaming distance of up to 50 metres. 10dBuV SINAD=30dB 40Hz-15KHz 90dB 0.5%THD Requires 2x 9V Batteries

Code
WM500R



TWO CHANNEL WIRELESS MICROPHONE SYSTEM DELUXE

DUAL UHF RECEIVER & 2X MIC

Deluxe version of the WM500R above. This kit includes improved microphones that are lighter, have attractive comfort grip, and use 2x "AA" batteries. Supplied in an aluminium aircraft case for safe and secure transporting. Balanced microphone output & improved high frequency transmission circuit make this system ideal for professional applications with XLR connections. Audio & RF Reception indicators. Individual level controls. Metal cabinet. Advanced anti-interference system with multi-level narrow band filter to prevent UF & IF noise. Quartz crystal locked. High cross-talk rejection. Squelch auto mute and mic/receiver audio companders for great sound with no noise and reduced feed-back or echo. Premium grade dynamic pickup. Kit includes receiver and two microphones housed in a flight case. Range Inside: 50M, Outside: 100M Receiver S/N: 90dB Border Upon Channel Rejection: 80dB Receiving Sensitivity: 10dBuV (SINAD=30dB) Modulation: FM, F3F 90dB THD <0.5% 40Hz-15Khz 3dB XLR Sockets x2 (A & B Channel) 6.35mm x3 (A & B Channel, A+B Combined)

Code
WM1000R





DUAL 16 CHANNEL WIRELESS MICROPHONE SYSTEM DELUXE

DUAL UHF RECEIVER & 2X MIC

New 32 frequency (2x16CH) system. Kit includes a pair of microphones that are light, have attractive comfort grip, and use 2x "AA" batteries. Supplied in a plastic protective case for safe and secure transporting. Balanced microphone output & improved high frequency transmission circuit. XLR and 1/4" Phono plug connections for balanced or non-balanced systems. Audio & RF Reception indicators. Individual level & squelch controls. Advanced anti-interference system with multi-level narrow band filter to prevent UF & IF noise. Quartz crystal locked. High cross-talk rejection. Squelch auto mute and mic/receiver audio companders for great sound with no noise and reduced feed-back or echo. Premium grade dynamic pickup. 32CH Frequency spectrum is divided up between microphone CH-A and CH-B.

Range Inside: 50M, Outside: 100M

Receiver S/N: 90dB

Border Upon Channel Rejection: 80dB

Receiving Sensitivity: 10dBuV (SINAD=30dB)

Modulation: FM, F3F

90dB THD <0.5% 40Hz-15Khz 3dB

XLR Sockets x2 (A & B Channel)

6.35mm x3 (A & B Channel, A+B Combined)

Code

WM2000R



OPTIONAL BODY-PACK UNITS TO SUIT

PAGER-CLIP UNIT WITH LAPEL OR HEADSET MICROPHONES

Eliminate the need to carry a microphone for hands-free operation! Compact Body-Pack transmitter with option of two types of microphone: Comfortable hands-free headset with boom mic or Lapel mic with tie clasp. Clips onto the users belt or can be directly attached onto instruments. Mono 3.5mm electret microphone input. Soft 2" Rubber-Ducky antenna. Select what receiver you have and what microphone style you prefer:

WM500R CH-A 555.8MHz

Type	Code
HEADSET	HS500CHA
LAPEL	LP500CHA

WM500R CH-B 523.8MHz

Type	Code
HEADSET	HS500CHB
LAPEL	LP500CHB

WM1000R CH-A 811.0MHz

Type	Code
HEADSET	HS1000CHA
LAPEL	LP1000CHA

WM1000R CH-B 793.4MHz

Type	Code
HEADSET	HS1000CHB
LAPEL	LP1000CHB



Lapel Microphone

WM2000R LAPEL MIC

Microphone & transmitter

Type	Code
CH-A	LP2000CHA
CH-B	LP2000CHB

WM2000R HEADSET

Microphone & transmitter

Type	Code
CH-A	HS2000CHA
CH-B	HS2000CHB



Headset Microphone

INCLUDES MICROPHONE & TRANSMITTER

REQUIRES RECEIVER (See Above)

WM2000R REPLACEMENT MIC

Handheld units as per kit.

Type	Code
CH-A	MIC2000CHA
CH-B	MIC2000CHB





→ Speaker Stands & Mounting Brackets

SPEAKER STANDS TRIPOD

Industry Standard 1½" post.
Suitable for the Impulse 10
Height adjustable with lock
Height is 100cm → 180cm.
Sturdy and stable support
base, three 80cm legs.
Heavy duty construction
Includes a 1½" base plate
for adding onto equipment
that does not have the
suitable insertion hole.
Folds up neatly for easy
transportation. Black.

Code
STAND10

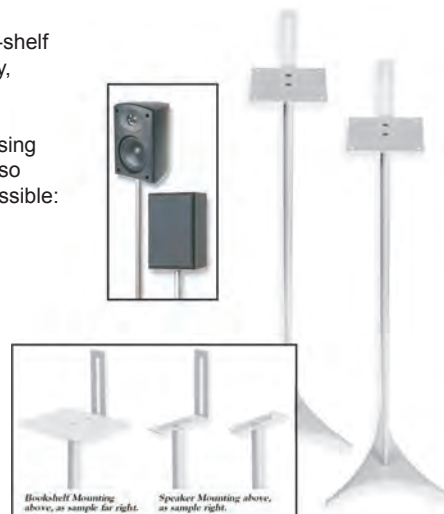


SPEAKER BRACKETS HIGH PLATE

UNIVERSAL MOUNTING

Designed primarily for
supporting small book-shelf
type sizes. High quality,
all metal construction.
Silver. Heavy die-cast
base. Assembled by using
different length poles, so
various heights are possible:
450mm → 1050mm
18" 24" 36" & 48".
Sold in pairs

Colour Code
Silver SA36S



SPEAKER STANDS PAIR

Black 1" Steel tubes x3 All metal
construction 10AWG Steel plate
base 4x Steel spike feet are
Each Height adjustable Black
painted finish
Base 210x250mm
Plate 210x170mm

Size	Code
600mm	STAND600
900mm	STAND900

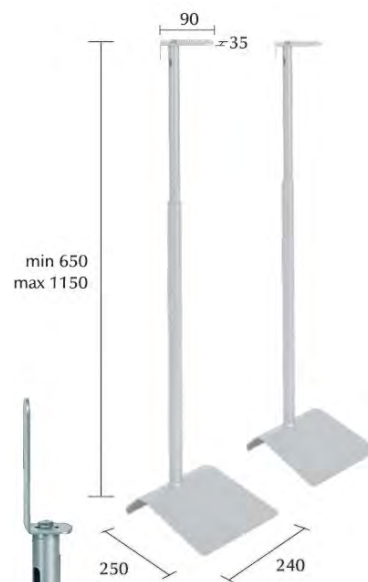


SPEAKER OMB-PEDESTALS

APOLLO 1+ METRE

Surround sound speaker
Bolt attached stands
Sold in pairs. 2.5Kg max.
Height 650 → 1150mm

Colour Code
Silver OMB24013



SPEAKER STANDS PAIR DELUXE

Tempered glass plinth and base. Black metal tube/s.
Cable hide and adjustable spike feet.
Attractive, modern stands, high performance.

HEIGHT 460mm

Dual pole up to 10Kg.
Base 250x300mm
Plate 250x200mm

Code
STAND460

HEIGHT 570mm

Single pole up to 10Kg.
Base 250x300mm
Plate 200x200mm

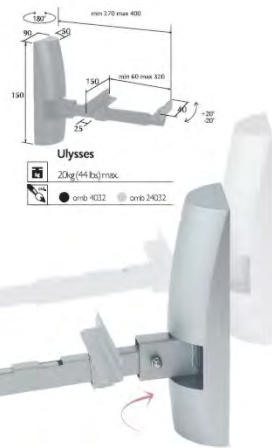
Code
STAND570





SPEAKER MOUNTS

“EASY”/“MAJIX” Styling
Vice-Grip base hold type
foam-rubber covered jaws
width is screw adjustable
square speaker cabinets
Box tilts and rotates Stand-
Off is 27-40cm Premium
professional loudspeaker
bracket Sold in pairs



Colour	Code
Black	OMB4032
Silver	OMB24032

SPEAKER WALL BRACKET

Ball and socket joint with bases
Plus mini base for smaller
speakers Holds 5Kg. High
grade Plastic. Includes Two
brackets & screws Quality
product from Italy. Available in
Black or White.

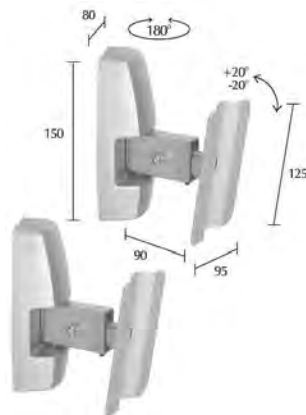
Base	90 x 40mm
Mini	45 x 35mm
Ext	~90mm Off Wall
Adj V	±45°
Adj H	±45°

Colour	Code
Black	OMB4042
White	OMB14042
Silver	OMB24042



SPEAKER TILT BRACKETS

Designed to be bolted
to the back of speakers,
etc. for a secure wall
mount with swivel and tilt.
Order One To Receive A
Pair Holds up to 25Kg.
Swivel 260°
Tilt ±20°



Colour	Code
Black	OMB4040
Silver	OMB24040

BALL-SOCKET WALL BRACKET

METAL HEAVY-DUTY
Swivel ball joint multiple
angles Double Locking
nut Weight bearing 15Kgs
Seismic cable Sold in pairs

Colour	Code
Black	SA32BL
White	SA32W



TILT/SWIVEL MOUNTING KIT

A quality metal tilt/swivel mount
designed for mobile phone
mounting but also very suitable
for holding small surround
sound speakers too! Heavy
duty metal construction will
allow support for a couple of
kilos' Allen screws for secure
adjustment. Point the speaker in
any direction. Two required for
stereo. Sold singularly.



Code
MNT32

BALL-SOCKET WALL BRACKET

HEAVY-DUTY
Swivel ball joint multiple
angles Locking nut
Weight bearing 10Kgs
Sold in pairs

Colour	Code
Black	SA30BL
White	SA30W



SPEAKER WALL BRACKET

Ball and socket joint with bases
that screw onto the speaker
and the wall, etc. Locking
nut. Holds 5Kg. High grade
Plastic. Includes Two brackets
& screws Quality product from
Italy. Available in Black or
White.

Base	90 x 40mm
Ext	~90mm Off Wall
Adj V	±45°
Adj H	±45°

Colour	Code
Black	OMB4041
White	OMB14041
Silver	OMB24041



SPEAKER WALL BRACKET DOUBLE-ELBOW

SPEAKER HOLDER
Multiple angle options
Double joints plus bases
rotate for a variety of angles
Weight bearing 5Kgs Sold
in pairs

Colour	Code
Black	SA26BL
Silver	SA26SV





↓ Speaker Construction

→ Spikes and Feet

COMPONENT SPIKES FELT

Isolate Electronic units. Improve imaging, tighten bass. Height adjustable. Gold plated. Felt backed spike and saucer.

SMALL 25mmØ

Code
SPIKE25

MEDIUM 30mmØ

Code
SPIKE30



SPEAKER SPIKES SMALL

Drill into box type mountings. Adjustable. Gold plated. With saucer. 20mm Round 25mm+ Height

Code
SPIKE20



SPEAKER SPIKES LARGE

Drill into box type mountings Large & Sturdy Suit subwoofers Champagne metal 35mm Round 40mm+ Height

Code
SPIKE35



SPEAKER SPIKES - STICK ON

Attractive Gold plated cone with adhesive back for a no-fuss connection. Includes floor protector. 30mmØ Round 22mm Height

Code
SPIKE31



RUBBER COMPONENT FEET SMALL

HIFI INSULATORS

Injection molded, energy absorbing vibration reducing Brushed aluminium Outer wrap decor. 44mm Diameter

Code
RFG44

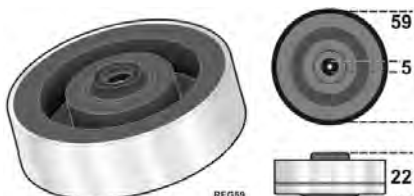


RUBBER COMPONENT FEET LARGE

HIFI INSULATORS

Injection molded, energy absorbing vibration reducing Brushed aluminium Outer wrap decor. 59mm Diameter

Code
RFG59

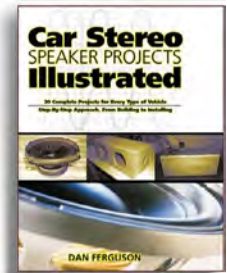


→ Books

CAR AUDIO SPEAKER PROJECTS

20 COMPLETE PROJECTS Get stuck straight into building! Talk about simple! This illustrated step-by-step guide makes leading edge car audio speaker systems easy. This book helps you plan, design & build the ultimate car audio. 244 pages. Dan Ferguson

Code
MAN610

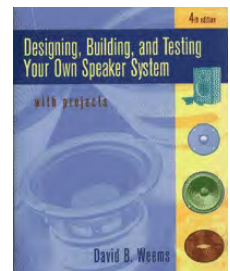


SPEAKER DIY REFERENCE

DESIGNING, BUILDING & TESTING YOUR OWN SPEAKER SYSTEM

A complete reference to building speakers. It covers all the latest types and models of speakers and is aimed at hobbyists, do-it-yourself audiophiles and electronic technicians. 223 pages. David B. Weems

Code
MAN600

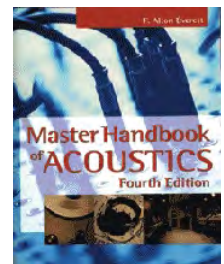


MASTER ACOUSTIC REFERENCE

MASTER HANDBOOK OF ACOUSTICS

For the more technically advanced who may want the ultimate in the reference for acoustic science. Easy reading explanations for Room acoustics, recording, studio, many topics in sound engineering. 615 pages. F. Alton Everest 4th ed.

Code
MAN604



→ Crossovers Active

SUBWOOFER X-OVER ACTIVE

Stereo 12dB Low-pass active filter. Compact design for adapting a subwoofer to your system. Adjustable output levels 80/125/250Hz LP switch S/N=100dB THD=0.02% Base 65x90(x28H)mm

Code
AX100



SPEAKER TO RCA CONVERTER

Matches the high level output stereo to a lower level RCA output for use with today's modern line level equipment. Adjustable output levels Total earth isolation freq = 10Hz → 50KHz ±1dB Base 65x90(x28H)mm

Code
AX-HL



GASKET TAPE - 1 Metre

Foam tape. Sticky one side. 10mm wide x 5mm thick. Suit speaker mounting for good, air tight seal. Remove any air gaps. Supplied in 1M Lengths.

Code
GT7100



COMPREHENSIVE RANGE OF TAPES - See Section 14 TOOLS & TEST EQUIPMENT



→ Speaker Construction

SEE SECTION 13 SPEAKER CABLE

High grade OFC 99.99% Oxygen free Premium grade copper Available in a range of sizes up to 0G

See Section 13 CABLE & ACCESSORIES Cable & Wire...



SPEAKER PLUGS SEE SECTION 7...

GOLD PLATED BANANA PLUGS - 5mm Entry

4mm plug with a Multi-Lam cage spring
TWO per blister pack

GOLD PLATED BANANA PLUGS

A complete range of terminals is available.
See Section 7 PLUGS & SOCKETS

Colour	Code
Red	P765
Black	P766



SPADE CONNECTORS SEE SECTION 7

3MM (18→22AWG) Copper

QTY	Code
20	PT20
100	PT100

4MM (12→14AWG) Gold

Colour	Code
Red	TS300
Black	TS301



MANY MORE PLUGS

See Cat' Section 7 PLUGS & SOCKETS

SPEAKER TERMINALS SEE SECTION 7...

SEE SECTION 07 FOR PLUGS & SOCKETS

Gold plated screw terminals and 4mm banana plugs.

[2x 4mm] ROUND

Code
J705

[2x 4mm] SQUARE

Code
J706

[2x 4mm] BULK*

Code
J707

[4x 4mm] DOUBLE

Code
J708



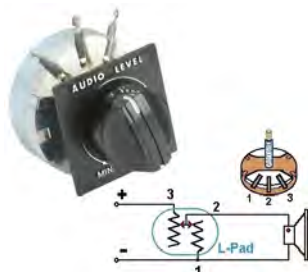
→ Attenuators

"L-PAD" LEVEL CONTROL

8 OHM VOLUME

100Wmax Variable resistor.
Shunted Potentiometer.
Constant Impedence 8Ω.
Suit in-box tweeter trim.
Single gang (mono).

Code
VR2110



LOADED LEVEL CONTROL

4/8 OHM VOLUME

200W Transformer type 12 Step
Switch volume Wall plate included
STEREO

Code
SA1200VC

4-16Ω INLINE

Code
SA1270VC



↓ Screws

BLACK SELF-TAPPING SCREWS

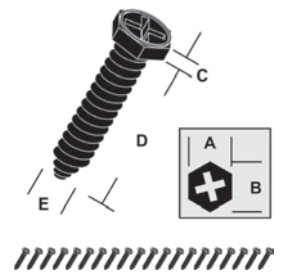
Phillips head & Hex.

7mm HEX

A	B	C	D	E	Code
6.8	7.7	3.3	20	4mm	STS7B

8mm HEX

A	B	C	D	E	Code
7.8	8.8	3.9	25	5mm	STS8B



ALLEN KEY SELF-TAPPING SCREWS

3mm HEX

Metric head 3mm I/D Round
Outer 7mm O/D Self-Tap
around 4mm 20mm in depth/
length Suit wood, etc. Supplied
bag of 20x Black in colour

Size	Code
4mm	AS420-20



COURSE THREAD SCREWS

BOX OF 100x SCREWS

Zinc steel self-tappers
Counter-sunk cross
heads course for
medium density particle
board & soft woods.

Size	Code
4.0 x 25mm	STC4025
4.0 x 32mm	STC4032
4.5 x 45mm	STC4545



FINE THREAD SCREWS

Countersunk heads for flush finish
Suitable for High density MDF & wood

Size	Code
7G x 20mm	SBHP720
7G x 25mm	SBHP725
7G x 30mm	SBHP730
7G x 35mm	SBHP735
7G x 50mm	SBHP750
8G x 50mm	SBHP850
8G x 63mm	SBHP863



BUTTON HEAD SELF TAP

BAG OF 100 PCS

Black zinc plating case
hardened Carbon steel 1022a
Self-tap thread Supplied in a
pack of 100 pieces

Size	Code
3.9x13mm	STB3913
3.9x25mm	STB3925
4.2x32mm	STB4232



SEE SECTION 14 TOOLS

MORE HARDWARE... We have an entire list of tools, service-aids, Affixing tapes, glues, Test equipment, meters, Hand tools, drivers, and more screws!



Also Section 18 CAR AUDIO ACCESSORIES Auto Installers Section



→ Speaker Construction

↓ Cabinet Ports

BASS REFLEX PORT 1.3"

Cut to Length Push-fit Flanged mouth 80mm x 33mmØ
Hole 40mmO/D

Code
PORT8033



BASS REFLEX PORT 1.6"

Cut to Length Push-fit Flanged mouth 105mm x 40mmØ
Hole 63mmO/D

Code
PT759



BASS REFLEX PORT 1.8"

Cut to Length Push-fit Flanged mouth 128mm x 45mmØ
Hole 68mmO/D

Code
PT760



BASS REFLEX PORT 2"

Cut to Length Push-fit Flanged mouth 125mm x 50mmØ
Hole 58mmO/D

Code
PORT12550



BASS REFLEX PORT 2.2"

Cut to size Push-fit Flanged mouth 180mm x 57mmØ
Hole 84mmO/D

Code
PT761



BASS REFLEX PORT 2½"

Cut to Length Push-fit Flanged mouth 125mm x 60mmØ
Hole 70mmO/D

Code
PORT12560



BASS REFLEX PORT 4"

Cut to length Push-fit Flanged mouth 110mm x 95mmØ
Hole 105mm

Code
PORT11010



↓ Grille Clips

SPEAKER GRILLE CLIPS LIGHT

Plug and socket type fixtures for holding-on speaker grille frames.

Male 10mmØ Hole
Flush 17mm deep
Female 6mmØ Hole
Flush 6mm deep

QTY Code
10x SGC10
100x SGC100



SPEAKER GRILLE CLIPS HEAVY

Plug and socket type fixtures for holding-on speaker grille frames.

Male 15mmØ Hole
Flush 10mm deep
Female 15mmØ Hole
Flush 12mm deep

QTY Code
10x SGC12
100x SGC120



↓ Carpet

CARPET SPEAKER BOX COVER

"Unbacked" box carpet Unwoven so will not fray Super tough to protect PA Boxes from roadies or Car boot for subs.

CHARCOAL 0.75M x 2.0M

Code
CACH1

BLACK 0.75M x 2.0M

Code
CABK1



↓ Sound Deadener

SOUND DEADENER MATERIALS

BITUMEN BASED

Deaden those noisy speaker cabinets with heavy sound absorbing material. 2 x 300mm square sheets supplied.

Code
MAT302

BARIUM MINERAL BASED

Felt backed heavy duty foam rubber. One Sheet size 675 x 330 x 6mm thick.

Code
MAT675



↓ Grille Cloth

SPEAKER GRILLE CLOTH

High quality, attractive, acoustically transparent grille cloth is ideal for protecting drivers and allowing all of the sound to get through. BLACK. 1500 x 1000mm sheet x1 Black in colour

Code
SPGC151



↓ Tape

FOAM GASKET TAPE POLYETHYLENE

SINGLE SIDED STICKY

Thick	Width x Length	Code
2mm	18mm x 2M	APT2182
3mm	9mm x 2M	APT3092
3mm	12mm x 2M	APT3122
3mm	18mm x 2M	APT3182
3mm	9mm x 25M	APT6351
3mm	12mm x 25M	APT6352
3mm	18mm x 25M	APT6353
5mm	9mm x 1M	GT7100





→ Speaker Construction

↓ Crossovers Assembled

HDS CROSSOVER 150-V2

AS SUPPLIED WITH HDS150-V2

Designed to suit our XLS speaker Kits to match 831882 to 810921. Premium quality components. Copper Air-Core Inductors. Solen SCR MKP Capacitors. OFC Cable & Rear panel. 3.5KHz LP-12dB HP-18dB



Code
XON150-V2

HDS CROSSOVER 250-V2

AS SUPPLIED WITH HDS250-V2

Designed to suit our XLS speaker Kits. Match 831882(x2) to 810921. Premium Copper Air-Core Inductors. Solen SCR MKP Capacitors. OFC Cable & Rear panel. 200Wrms Power 3.3KHz LP-12dB HP-18dB

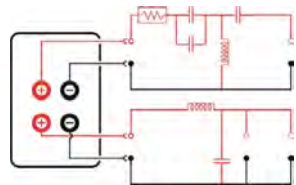


Code
XON250-V2

HDS CROSSOVER 255C-V2

AS SUPPLIED WITH HDS255c-V2

Centre channel version. Match 831882(x2) to 810921. Premium Copper Air-Core Inductors. Solen SCR MKP Capacitors. OFC Cable & Rear panel. 200Wrms Power 3.3KHz LP-12dB HP-18dB



Code
XON255C-V2

HDS CROSSOVER 455-V2

AS SUPPLIED WITH HDS455

Designed to suit our XLS speaker Kits. Match 830883(x2) to 810921. Premium Copper Air-Core Inductors. Solen SCR MKP audiophile Caps. OFC Cable & Rear panel connected. Completely assembled ready to go. 12dB Mid-Woofer. 18dB Tweeter. 200W RMS power rated minimum. See XLS Kits for more information.



Code
XON455-V2

SSS-KIT CROSSOVER 260

AS SUPPLIED WITH KIT260

Suits SSS speaker Kits Only Match Peerless 832873(x2) to Ribbon tweeter JP30 Copper Air-Core Inductors Solen SCR MKP Capacitors OFC Cable attached with Rear panel 4mm inputs. Two required for stereo.



Code
XON260

SSS-KIT CROSSOVER 360

AS SUPPLIED WITH KIT360

Suits SSS speaker Kits Only Match Peerless 830883 6.5" to Ribbon tweeter JP30 Copper Air-Core Inductors Solen SCR MKP Capacitors OFC Cable attached with Rear panel 4mm inputs

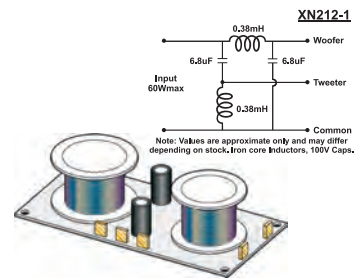


Code
XON360

2 WAY 60W 12dB/Octave

Pin 60Wrms
Z 8Ω
X1 2K3Hz
Slope 12dB

Code
XN212-1

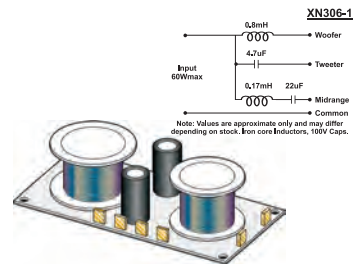


3-WAY 60W 6dB/Octave

Simple 4 component Basic crossover for a matched 3 way system.

Pin 60Wrms
X1 800Hz
X2 5KHz
Z 8Ω
Slope 6dB

Code
XN306-1

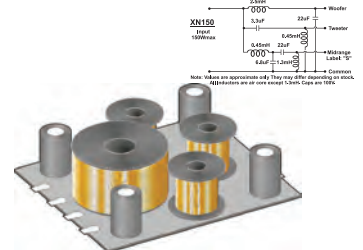


3 WAY 150W 12dB/Octave

I/O 8 Ohm
Pin 150Wrms
Att. 12dB/Octave
X1 750Hz
X2 4KHz
Slope 12dB

Code
XN150

Note: "S" Label is "Mid"



SUBWOOFER X-OVER ACTIVE

Stereo 12dB Low-pass active filter. Compact design for adapting a subwoofer to your system. Adjustable output levels 80/125/250Hz LP switch S/N=100dB THD=0.02% Base 65x90(x28H)mm

Code
AX100

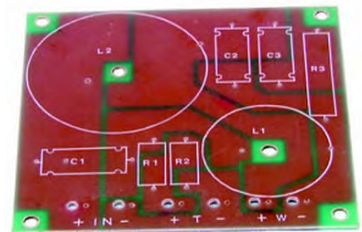


2 WAY PC BOARD UNIVERSAL CROSSOVER

Build Your Own Crossovers

Popular component spacing Universal type circuit outlay Blank PCB with space for 12dB or 6dB per octave and a tweeter attenuator circuit and woofer impedance matching. **ONLY ONE SUPPLIED**

Code
PCB-X02



TAG STRIPS

Make your own Cross-Over!

Build networks specifically for your application. Improve performance by designing your own.

6 WAY (60mm)

Code
TAG6

8 WAY (80mm)

Code
TAG8





↓ Crossover Components

NON-INDUCTIVE RESISTORS

WIRE-WOUND CERAMIC

Does not alter value to frequency Stable and powerful resistors suit speaker attenuation networks, etc. Available in 5W and 10W powers... 0.22Ω to 100Ω in "Popular Values" To order state wattage Then "NLR" (Non-Inductive-Resistor) Then the resistance value in ohms For more components see Section 02 COMPONENTS



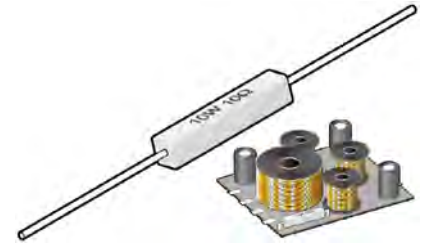
NON-INDUCTIVE RESISTORS

5W x = Value in Ω

Code*
5NLRx

10W x = Value in Ω

Code*
10NLRx



Values Available (Ohm):

.22 .27 .33 .39 .47 .51 .56 .68 .82 1.0 1.5 1.8 2.2 2.7 3.3
3.9 4.7 6.8 8.2 10 12 15 18 22 27 33 39 47 51 56 68 82 100

100V NON POLARISED NP

Suit HiFi X-Overs.

Code	Code
.47NP100	10NP100
1NP100	22NP100
2.2NP100	33NP100
3.3NP100	47NP100
4.7NP100	100NP100



100V NON POLARISED AXIAL

Value(μF) RY 100V

Code	Code
1RY100	33RY100
2.2RY100	47RY100
3.3RY100	68RY100
3.9RY100	100RY100
4.7RY100	150RY100
6.8RY100	220RY100
10RY100	330RY100
15RY100	470RY100
22RY100	



SCR MKP METALIZED POLY CAPS

Made by SCR in France. Used in Crossovers. Aluminium Metalised Vacuum Deposited Bifilar High Purity Polypropylene Film Tin plated Oxygen Free Pure Copper leads 400Vdc 250Vac Epoxy Resin Sealed

Value	Code	Value	Code
0.15μF	SCR.15	7.5μF	SCR7.5
0.27μF	SCR.27	8.2μF	SCR8.2
1μF	SCR1	10μF	SCR10
1.6μF	SCR1.6	12μF	SCR12
2.2μF	SCR2.2	15μF	SCR15
3.0μF	SCR3.0	18μF	SCR18
3.3μF	SCR3.3	20μF	SCR20
3.9μF	SCR3.9	27μF	SCR27
4.7μF	SCR4.7	33μF	SCR33
5.6μF	SCR5.6	47μF	SCR47
6.8μF	SCR6.8		



SCR TIN-FOIL POLY FILM

"SM" AUDIOPHILE PERFORMANCE CAPACITOR

Made in France, these capacitors are renowned their high electrical performance and stability, insignificant dielectric absorption and no piezoelectric effect. Very low series inductance or resistance and very high current capabilities. Ideal for speaker crossovers, audio coupling and high precision applications in Audio.

Value	Type	Voltage	Code
.01μF	SN	1200V	TN.01
.022μF	SM	630V	TN.022
.047μF	SM	630V	TN.047
.1μF	SM	630V	TN.1
.22μF	SM	630V	TN.22
.33μF	SM	630V	TN.33
.47μF	SM	630V	TN.47
.68μF	SM	630V	TN.68
.82μF	SM	630V	TN.82
1μF	SM	630V	TN1.0
1.5μF	SE	400V	TN1.5
2.0μF	SE	400V	TN2.0
3.3μF	SE	100V	TN3.3
3.9μF	SE	100V	TN3.9
4.7μF	SE	100V	TN4.7



250V METALIZED POLYPROPYLENE FILM

Value	Code
10nF	PMT.01
15nF	PMT.015
22nF	PMT.022
33nF	PMT.033
47nF	PMT.047
68nF	PMT.068
100nF	PMT.1
150nF	PMT.15
220nF	PMT.22
330nF	PMT.33
470nF	PMT.47
500nF	PMT.5
680nF	PMT.68
820nF	PMT.82
1μF	PMT1
1.5μF	PMT1.5
2.2μF	PMT2.2
2.7μF	PMT2.7
3.3μF	PMT3.3
3.9μF	PMT3.9
4.7μF	PMT4.7
5.6μF	PMT5.6
6.8μF	PMT6.8
8.2μF	PMT8.2
10μF	PMT10
12μF	PMT12
15μF	PMT15
20μF	PMT20

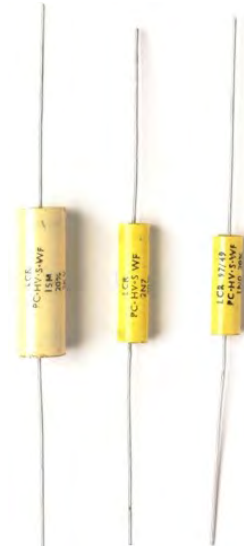
Non-Inductive, wrap and fill polyester tape, epoxy resin Excellent High-F stability Filters, Crossovers, etc. 250V Low-Loss Low-Noise Common yellow Axial mount



POLYPROPYLENE - AXIAL 600VAC 2000VDC

Polypropylene 2KV high voltage caps Fast response and high specifications suitable for Valve and Crossovers, etc.

Value	Code
.001μF (1.0nf)	KP.001
.0012μF (1.2nf)	KP.0012
.0015μF (1.5nf)	KP.0015
.0018μF (1.8nf)	KP.0018
.0022μF (2.2nf)	KP.0022
.0027μF (2.7nf)	KP.0027
.0033μF (3.3nf)	KP.0033
.0039μF (3.9nf)	KP.0039
.0047μF (4.7nf)	KP.0047
.0056μF (5.6nf)	KP.0056
.0068μF (6.8nf)	KP.0068
.0082μF (8.2nf)	KP.0082
.0091μF (9.1nf)	KP.0091
.0095μF (9.5nf)	KP.0095
.01μF (10nf)	KP.01
.011μF (11nf)	KP.011
.015μF (15nf)	KP.015
.022μF (22nf)	KP.022
.033μF (33nf)	KP.033
.039μF (39nf)	KP.039
.047μF (47nf)	KP.047



NB: Capacitor Voltage info.....



INDUCTORS 1mm(18AWG) AIR-CORE 200Wrms

Value	Ω	Size	Code
0.03mH	0.05Ω	15x30Ø mm	XLA0.03
0.05mH	0.1Ω	50x20Ø mm	XLA0.05
0.08mH	0.05Ω	15x30Ø mm	XLA0.08
0.10mH	0.1Ω	50x20Ø mm	XLA0.1
0.12mH	0.1Ω	50x20Ø mm	XLA0.12
0.15mH	0.2Ω	50x20Ø mm	XLA0.15
0.18mH	0.2Ω	50x20Ø mm	XLA0.18
0.22mH	0.2Ω	50x20Ø mm	XLA0.22
0.33mH	0.3Ω	50x20Ø mm	XLA0.33
0.39mH	0.3Ω	50x20Ø mm	XLA0.39
0.47mH	0.3Ω	50x20Ø mm	XLA0.47
0.56mH	0.4Ω	50x20Ø mm	XLA0.56
0.68mH	0.5Ω	50x20Ø mm	XLA0.68
0.82mH	0.5Ω	50x30Ø mm	XLA0.82
1.0mH	0.6Ω	50x30Ø mm	XLA1
1.2mH	0.7Ω	50x30Ø mm	XLA1.2
1.5mH	0.8Ω	50x30Ø mm	XLA1.5
1.8mH	0.8Ω	50x30Ø mm	XLA1.8
2.2mH	0.8Ω	70x35Ø mm	XLA2.2
2.7mH	0.9Ω	70x35Ø mm	XLA2.7
3.0mH	0.9Ω	70x35Ø mm	XLA3
3.3mH	1.2Ω	70x35Ø mm	XLA3.3
3.9mH	1.4Ω	70x35Ø mm	XLA3.9
4.7mH	1.4Ω	70x35Ø mm	XLA4.7
5.6mH	1.4Ω	70x35Ø mm	XLA5.6
6.8mH	1.5Ω	70x35Ø mm	XLA6.8
8.2mH	1.8Ω	70x35Ø mm	XLA8.2
10 mH	2.0Ω	90x45Ø mm	XLA10



SOLEN CROSSOVER INDUCTORS

High grade, low-loss, pure 99.99% copper wire is used. Very low Magnetostriction distortion Induction value remains constant regardless of voltage and current variation. Low DCR. Low skin effect losses. Low proximity effect. Low self capacitance. A premium grade component developed for the purest audiophile. Tolerance (mH) is ±1% DCR (Ohms) ±5% Dimensions (mm) ±10% 1.63mm O/D 14 AWG



Value	Ω	Size	Solen#	Code
.16mH	.07Ω	14x29x57 mm	S14.16	SOL0.16
.18mH	.08Ω	14x29x57 mm	S14.18	SOL0.18
.20mH	.08Ω	14x29x57 mm	S14.20	SOL0.20
.22mH	.09Ω	14x29x57 mm	S14.22	SOL0.22
.27mH	.10Ω	14x29x57 mm	S14.27	SOL0.27
.33mH	.11Ω	16x32x64 mm	S14.33	SOL0.33
.39mH	.12Ω	16x32x64 mm	S14.39	SOL0.39
.47mH	.13Ω	16x32x64 mm	S14.47	SOL0.47
.51mH	.14Ω	16x32x64 mm	S14.51	SOL0.51
.56mH	.15Ω	16x32x64 mm	S14.56	SOL0.56
.68mH	.17Ω	19x38x76 mm	S14.68	SOL0.68
.82mH	.19Ω	19x38x76 mm	S14.82	SOL0.82
1.0mH	.21Ω	19x38x76 mm	S141.0	SOL1.0
1.2mH	.24Ω	19x38x76 mm	S141.2	SOL1.2
1.5mH	.28Ω	19x38x76 mm	S141.5	SOL1.5
1.8mH	.30Ω	22x45x89 mm	S141.8	SOL1.8
2.2mH	.33Ω	22x45x89 mm	S142.2	SOL2.2
2.7mH	.39Ω	22x45x89 mm	S142.7	SOL2.7
3.0mH	.42Ω	22x45x89 mm	S143.0	SOL3.0
3.3mH	.45Ω	25x51x102 mm	S143.3	SOL3.3
3.9mH	.49Ω	25x51x102 mm	S143.9	SOL3.9
4.7mH	.56Ω	25x51x102 mm	S144.7	SOL4.7
5.1mH	.59Ω	25x51x102 mm	S145.1	SOL5.1
5.6mH	.63Ω	25x51x102 mm	S145.6	SOL5.6
6.8mH	.71Ω	32x64x127 mm	S146.8	SOL6.8
8.2mH	.79Ω	32x64x127 mm	S148.2	SOL8.2
10mH	.87Ω	32x64x127 mm	S1410	SOL10

<http://www.solen.ca>

Recommended:

Maximum DCR for Series inductors for 8Ω load is 0.6Ω Total.

Maximum DCR for Parallel inductors for 8Ω load is 1.2Ω Total.

SPEAKER PROTECTION WITH A FUSE

In-line speaker fuses can be a useful in NON-Performance applications for protection Rarely used due to their effect on sound Q. In calculating a fuse value, remember that fuse ratings are not what they "Blow" at, but rather, guaranteed to hold at the value. ie. a 1 Amp fuse will not quick blow at 1 Amp but at some current above 1A in RMS not Peak! The speaker power rating corresponding to the fuse nominal current rating can be calculated:

$P=I^2R$ (Ohms Law) PowerRMS = Current² x Resistance
Watts = Fuse x Fuse x Speaker Impedance

eg. For an eight ohm speaker:

$P = 1A \times 1A \times 8\Omega = 8 \text{ Watts}$

$P = 4A \times 4A \times 8\Omega = 128 \text{ Watts}$

$P = 8A \times 8A \times 8\Omega = 512 \text{ Watts}$

SEE SECTION 02 COMPONENTS FOR FUSES

Remember that the fuse will "Hold" at this and blow at somewhat higher power levels Slow blow types can also be a good idea too One practical implementation is to start at a very low value fuse and progress to higher values until the fuse holds...



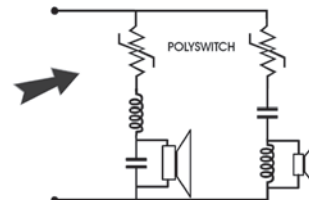
POLYSWITCH - AS SPEAKER PROTECTORS

The PolySwitch circuit protector is a positive temperature coefficient resistor that undergoes a large, quick increase in resistance when the over-current heats it above a specific point, going near open circuit! When the temperature reduces, the PolySwitch resets to a near short circuit, unharmed, to resume normal operation. No manual resetting is required. This makes them an ideal economical protector for building inside speakers. For the best performance it is recommended that each driver be individually protected.

INSTRUCTIONS

It is not possible to simply recommended a polyswitch for a speaker wattage. Speaker power ratings, Impedances (and therefore Trip Current) supplied with speakers are generalized and are very difficult to determine with any real accuracy. This is standard for most types of speaker protection due to frequency and the dynamics of music! The only recommendation we can find is to pick a conservative value polyswitch and that if it repeatedly false triggers, select the next value up, with caution. To convert Power rating into Trip Current, use Ohms law: Determine the maximum power ratings for each driver $P = 1.414 \times Prms = 1.414 \times Pnom = \frac{1}{2}Ppmpo = \frac{1}{2}Pp-p = Pmax$ Divide this value by the Impedance (R or Z), this gives you the trigger current (I trip). Select the RXE Code that has a lower trip current than the one you calculated. Double check your findings.

I hold	I trip	Cold Ω	Code
0.10	0.20	2.50	RXE010
0.17	0.34	2.00	RXE017
0.20	0.40	1.83	RXE020
0.25	0.50	1.25	RXE025
0.30	0.60	0.88	RXE030
0.40	0.80	0.55	RXE040
0.50	1.00	0.50	RXE050
0.65	1.30	0.31	RXE065
0.75	1.50	0.25	RXE075
0.90	1.80	0.20	RXE090
1.10	2.20	0.15	RXE110
1.35	2.70	0.12	RXE135
1.60	3.20	0.09	RXE160
1.85	3.70	0.08	RXE185
2.50	5.00	0.05	RXE250
3.00	6.00	0.04	RXE300
3.75	7.50	0.03	RXE375



$$I = \sqrt{\frac{P}{Z}}$$

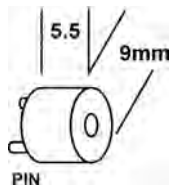


→ Buzzers and Sirens

PIEZO ELEMENT

Super small piezo
As used in mobile
phones, PCBs, etc.

Code
BUZ150



See Section 17 CELLULAR ACCESSORIES for more!

PIEZO ELEMENT

Recommended
input 5KHz 3-30v
p-p for up to 80dB

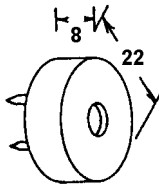
Size Code
4 x 17mm KPE150



PIEZO ELEMENT

Recommended
input 4KHz 2-25V
p-p for up to 75dB

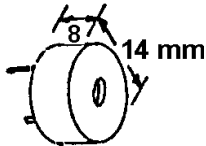
Size Code
8 x 22mm PKM22



PIEZO BUZZER

With built-in
drive circuit.
3-16VDC 7mA
70dB 4KHz

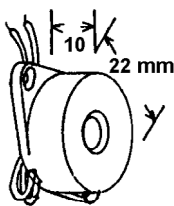
Size Code
8 x 14mm KPE242



PIEZO BUZZER

With built-in
drive circuit.
3-20VDC 10mA
95dB 4.5KHz

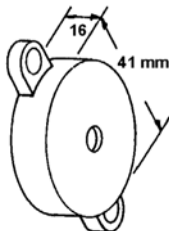
Size Code
10 x 22mm KPE26



PIEZO BUZZER

With built-in
drive circuit.
3-20VDC 12mA
95dB 2.8KHz

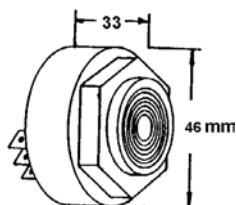
Size Code
16 x 41mm PKB53



PIEZO BUZZER - DUAL

Continuous or fast pulse
wiring option. 4-28VDC
3-18mA 85dB 3KHz.

Size Code
33 x 42mm KPE657



PIEZO INDOOR SIREN

12Vdc
Repel an intruder from your home
by installing this high frequency,
super loud 115dB siren.
85Ø/90Øx40mm

Code
KPE6124



PIEZO BUZZER - WALL MOUNT

Mounting hole = 54mm
12VDC 110dB

Code
KPE6122



COMPACT PIEZO SIREN

Small in size, big in performance.
6V to 12VDC. 45 X 40 X 60mm
Tone 1.5K-3.5KHz 105dB(1M)

Code
KPE1200

24V VERSION

Code
KPE2400



ELECTRONIC SIREN

Weather proof 5"
compact horn 12Vdc 15W
"YELP-YELP!" 120dB!
Suit external security.
130mmØ x 150mm

Code
ES514



3 1/2" OUTDOOR SIREN

Compact 100x90mmØ 12Vdc
with inbuilt siren driver. 115dB
single tone. Fits KPE5462 Cover.

Code
KPE6126



SIREN STROBE UNIT

INDOOR ALERT 100dB
Wall mount alarm Compact
75x120mm Weather
resistant 100dB SPL
output Blue strobe 1.25Hz
Separate input for Strobe
and Siren. 10-14Vdc
280mA.

Code
KPE5415



SIREN COVER

UNDER EAVE MOUNT
Plastic for a never corrode,
never rust outdoor solution.
White ABS with pre-punched
mounting holes and a bracket
for tamper switch mounting.
120mm Minimum internal.

Code
KPE5462



Security Section 21 SECURITY SURVEILLANCE



→ PA Horn Speakers

PA HORN SPEAKERS

Black Plastic Weather resistant.
Public Address Horn Speaker.



Z	8Ω	8Ω	8Ω
Size	150x130mmØ	135x120mmØ	100x90mmØ
Power	15Wmax	10Wmax	10Wmax
Code	PAH1	PAH3180	KPE6127

→ Speakers Communication

SPEAKER MINI COMMUNICATIONS

Polypropylene speaker

Z	8Ω	4Ω
Lead	1.8M	1.8M
Plug	3.5mm	3.5mm
Size	80x65x60mm	80x65x60mm
Power	3 Watt	3 Watt
Code	SP20	SP21



SPEAKER WEATHER RESISTANT COMPACT

With mounting bracket

Z	4Ω
Lead	1.8M
Plug	3.5mm
Size	60mmØ
Power	2Wnom
Code	CS4



BENELEC

SPEAKER RECTANGULAR

With mounting bracket

Z	4Ω
Lead	4.5M
Plug	3.5mm
Size	110x65x55mm
Power	5Wnom
Code	CS8



BENELEC

SPEAKER SQUARE 4Ω

With mounting bracket

Z	4Ω
Lead	1.8M
Plug	3.5mm
Size	125x125x60mm
Power	20Wmax
Code	CS6



BENELEC

SPEAKER SQUARE 8Ω

With mounting bracket

Z	8Ω
Lead	1.8M
Plug	3.5mm
Size	125x125x60mm
Power	20Wmax
Code	CS7



BENELEC

→ Speakers GP Replacement

↓ Round

SPEAKERS REPLACEMENT TYPE

15x55mmØ 8Ω ¼W

Code
SP01

25x75mmØ 16Ω ¼W

Code
SP03B



MANY MORE SEE FOLLOWING PAGES

COMPACT SPEAKER 45mm

As used in portable phones,
communication speakers,
wa kmans, dictation units, etc.
8 ohm 200mW PAPER 45mm

Code
SP45



SPEAKER DRIVER 50mm

Standard Paper Cone
or plastic cone.

Z 8Ω
Power 200mW

PAPER 50mm

Code
SP60

PLASTIC 50mm

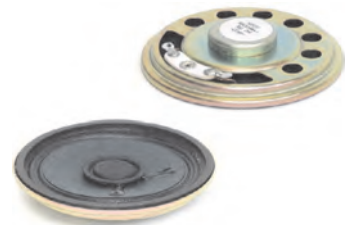
Code
SP50



SPEAKER DRIVER FLAT 50mm

Std Paper Cone
Super low profile
Rare earth
mag. Compact.
Shielded

Z 8Ω
Size 9x50mmØ
Power 1W
Code SP52



SPEAKER DRIVER MINI 50mm

Paper Cone with
Rubber surround
Rare earth mag.
Compact. Shielded

Z 8Ω
Size 18x50mmØ
Power 2W
Code SP54



SPEAKER DRIVER FLAT 57mm

WEATHER-PROOF
Plastic cone low profile

Z 8Ω
Size 8x57mmØ
Power 2W
Code SP57





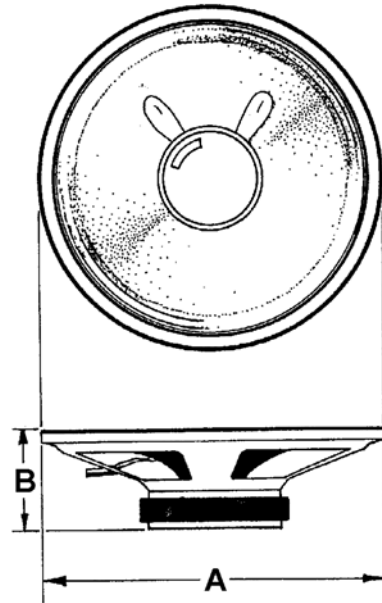
→ Speakers GP Replacement

↓ Round

ROUND REPLACEMENT SPEAKERS

AxB (mm)	Power	Impedance	Code
45x10	200mW	8Ω	SP45
50x8	200mW	8Ω~	SP50
50x8	200mW	8Ω	SP60
50x9	1W	8Ω*	SP52
50x18	2W	8Ω*	SP54
55x15	0.25W	8Ω	SP01
57x8	2W	8Ω*	SP57
75x25	1W	8Ω	SP03
75x35	3W	8Ω*	SP37
75x35	1.5W	16Ω*	SP36
75x35	2W	32Ω*	SP38
90x25	1W	8Ω	SP06
90x25	1W	4Ω	SP07
100x40	1.5W	4Ω	SP101
100x35	5W	4Ω	SP101B
100x40	1.5W	8Ω	SP102

All speakers are Ferrite magnet, Paper cone unless otherwise stated:
 Ω~ = Denotes Polypropylene cone
 Ω* = Denotes Shielded magnet

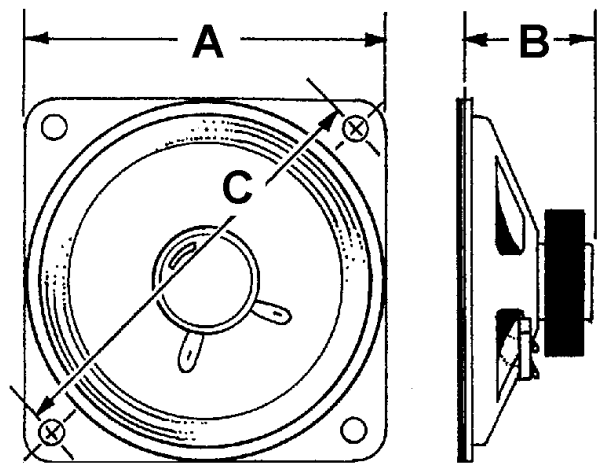


↓ Square

SQUARE REPLACEMENT SPEAKERS

AxBxC	Power	Impedance	Code
65x20x72	1W	8Ω	SP01B
75x25x85	1W	16Ω	SP03B
75x25x85	2W	8Ω	SP03C
90x25x100	1W	8Ω	SP08
90x30x100	5W	4Ω	SP14
90x35x100	5W	16Ω*	SP170
92x28x105	5W	8Ω	SP18
100x35x120	1.5W	4Ω	SP103A
100x40x120	5W	4Ω	SP104
100x40x120	5W	8Ω	SP105

*Note = Shielded magnet

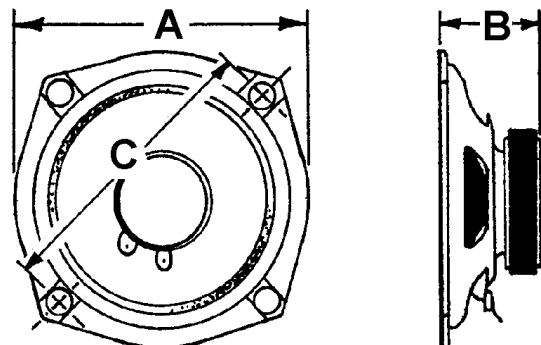


↓ Round

ROUND REPLACEMENT SPEAKERS

AxBxC	Power	Impedance	Code
130x45x140	8W	8Ω	SP107
120x45x120	5W	8Ω	SP112
120x45x120	2W	3.2Ω	SP114

More - See Next Pages "Hi-Fi Speakers"





↓ **Magnetically Shielded**

TELEVISION SPEAKERS



3" MAGNETICALLY SHIELDED

Size	Type	Code
75mm / 3"	8Ω - 3W	SP37
75mm / 3"	16Ω - 1.5W	SP36
75mm / 3"	32Ω - 2W	SP38



3 1/2" MAGNETICALLY SHIELDED

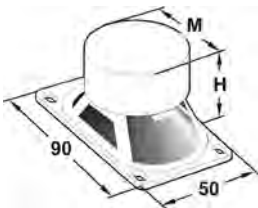
Size	90mm
Mount	105mm
Height	35mm
Impedance	16Ω*
Power	5W
Code	SP170



More? - See Compact Replacement Speakers

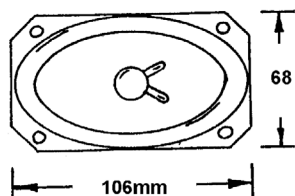
2"x4" MAGNETICALLY SHIELDED

Impedance	8Ω
Suit	Tempest, NEC, TVs, etc.
Mag.	49 43
Height	42 40
Power	5W 3W
Code	SP140 SP138



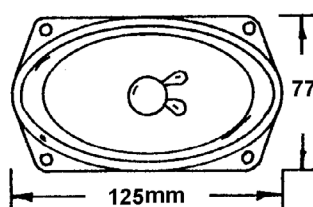
2.5"x4" MAGNETICALLY SHIELDED

Impedance	8Ω
Power	1.5W
Suit	Tempest NEC, etc.
Code	SP150



3"x5" MAGNETICALLY SHIELDED

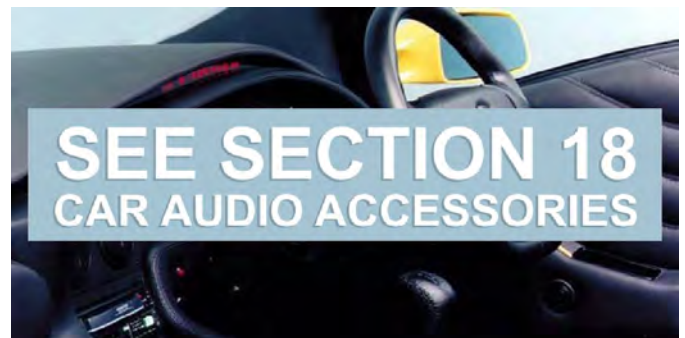
Impedance	8Ω
Power	3W
Suit	Tempest NEC, etc.
Code	SP160



→ **Speakers Automotive**

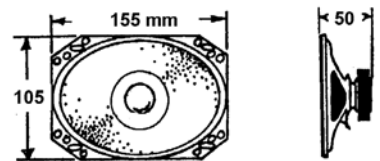
↓ **Car Speakers**

AUTOMOTIVE SPEAKERS



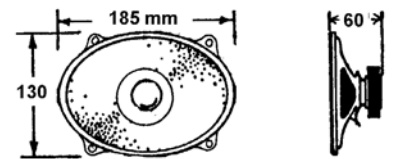
DUAL CONE OVAL CAR SPEAKER

Size	4x6"
Power	30Wrms
Impedance	4Ω
Freq.	120Hz-20KHz
Voice	20mmØ
Mag.	4.3oz
Code	DC46-30



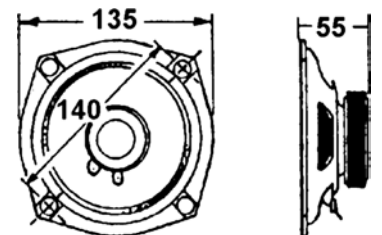
DUAL CONE OVAL CAR SPEAKER

Size	5x7"
Power	40Wp-p
Impedance	4Ω
Code	DC57-40



5" DUAL CONE CAR SPEAKER

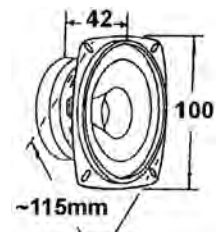
Size	5"
Power	40Wp-p
Impedance	4Ω
Code	DC525-40



4" DUAL CONE CAR SPEAKER

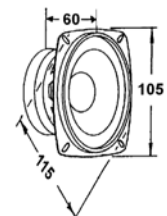
200g magnet Cloth surround

Size	4"
Power	40Wp-p
Impedance	4Ω
Code	DC4-40



4" WIDE RANGE HIFI SPEAKER

Size	4"
Power	20W
Impedance	4Ω
Code	SP4-24





→ Speakers Automotive

NAKAMICHI 4" 2 WAY SPEAKERS

4" 102mm 2 Way Coaxial Speakers
 Composite Cone Woofer 25mm Voice Coil
 20mm Neodymium Silk Dome Tweeter
 90Hz to 20Khz 86dB 4 Ohm
 RMS Power: 30W
 Peak Power: 100W

Code
 SPH42



NAKAMICHI 6" 2 WAY SPEAKERS

6" 152mm 2 Way Coaxial Speakers
 PP-MICA Cloth Edge Woofer
 13mm Neodymium Magnet PEI
 Dome Tweeter
 80Hz to 20Khz 4 Ohm 89dB
 RMS Power: 30W
 Peak Power: 180W

Code
 SPC602



NAKAMICHI 6"X9" 3 WAY SPEAKERS

6X9" 152mm X 238mm 3 Way Triaxial Speakers
 PP-MICA Cloth Edge Woofer
 50mm Black Paper Cone Midrange
 25mm PIEZO + Mylar Tweeter
 55Hz to 20Khz 4 Ohm 90dB
 RMS Power: 50W
 Peak Power: 300W

Code
 SPC6093



NAKAMICHI 6" SPLIT SPEAKERS

6" 152mm Component Speakers
 Composite Cone Rubber Edge Woofer
 25mm KAPTON Voice Coil
 Separate Silk-Dome Tweeter
 25mm Neodymium Magnet
 60Hz to 20Khz
 RMS Power: 50W
 Peak Power: 280W
 Impedance: 4 Ohm
 12dB Crossover Network
 SPL (1m/W): 89dB

Code
 SPCS650



NAKAMICHI 12" SUB WOOFER

PP-MICA Rubber Edge Woofer
 Response: 30Hz to 1.5KHz
 Magnet Weight: 1200g (50 Oz)
 50mm ASV Voice Coil
 305mm 12" SPL: 87dB
 Available in single or dual coil

Re	4Ω	4Ω + 4Ω
Pmax	1000W	1200W
Rms	200W	300W
Code	SPW12S	SPW120D



MORE AUTO AUDIO

SEE SECTION 18 CAR AUDIO ACCESSORIES

We have a car stereo
 Installers Catalogue
 With lots of parts &
 Accessories for Auto
 Audio Installations...



→ Speakers Marine

MARINE RADIO HOUSING

WEATHER RESISTANT
 Protects DIN sized units
 from dust & water, etc.

FULL HOUSING

Code
 FP9003

FRONT ONLY

Code
 FP9005



MARINE SPEAKER 5" 2-WAY

2x Single piece white plastic
 construction. Polypropylene cone
 Mylar dome tweeter

Freq.	120Hz → 20KHz
Power	60 Watts
Impedance	4 ohm
Size	122mm
Code	SA502M



MARINE SPEAKER 6" 2-WAY

2x Single piece white plastic
 construction. Polypropylene cone
 Mylar dome tweeter

Freq.	60Hz → 20KHz
Power	80 Watts
Impedance	4 ohm
Size	165mm
Code	SA602M



MARINE SPEAKER 6½" DUAL-CONE

Benelec badged marine. Weather
 proof. Sold single. All plastic
 construction. Polypropylene cone.

Power	75 Watts
Impedance	4 ohm
Size	165mm
O/D	180mm
Code	MSPK7



MARINE SPEAKER CUBE

Compact 90mm² cubes
 Salt-water resistant.
 Polypropylene cone.
 Piezo tweeter.

With brackets	
Power	50 Watts
Impedance	4 ohm
Size	90mm ²
Code	SA300W



MARINE SPEAKER SYSTEMS

LARGER CABINET

Salt water resistant 2
 Way wedge designs
 More details are found
 on previous pages...

Woofer	Code
3½"	SA500WA
5¼"	SA850WA
8"	SA980W





→ Speakers Automotive

↓ Speaker Spacers

SPEAKER SPACER

PLASTIC 5¼"-6"

133-152mm spacer 12mm thick. Its actually illegal to cut into a cars structural sections, spacers offer clearance for new speakers.



O/D	I/D	Depth	Colour	Code
164mm	133mm	12mm	Black	AP3165

SPEAKER SPACER ANGLED

PLASTIC 5¼"-6"

Puts a slight tilt on the speakers installation. Excellent solution for parcel shelf upgrades.



O/D	I/D	Depth	Colour	Code
164mm	152mm	12mm/22mm	Black	AP3166

MDF SPEAKER SPACERS ROUND

HD particle wood for custom installations. Bare for modification. Installers solution. Carpet available. Sold in pairs.



I/D	O/D	Height	Code
110mm	140mm	15	AP314
152mm	160mm	16	AP3151
165mm	180mm	16	AP3161

MDF SPEAKER SPACERS ROUND

HD particle wood for custom installations. Black painted for a finished solution. Pair.



I/D	O/D	Height	Code
152mm	160mm	16	AP3151B
165mm	180mm	16	AP3161B

MDF SPEAKER SPACERS OVAL

6x9" Small

I/D 228x152mm
O/D 285x187mm

Height	Code
16mm	AP3181

6x9" Large

I/D 178x254mm
O/D 200x268mm

Height	Code
10mm	AP3192
16mm	AP3191



MDF SPEAKER SPACERS OVAL

6x9" 16mm Black

I/D 228x152mm
O/D 285x187mm

Code
AP3181B

6x9" 16mm Black

I/D 178x254mm
O/D 272x202mm

Code
AP3191B



→ Boxes & Enclosures

SPEAKER CABINET 6"

WOODEN BOX

125mm cut hole
205x210x230mm
Particle board Internal wadding Carpet covered
Sold in pairs

Code
SB60A



SPEAKERS NOT INCLUDED
REQUIRES SPEAKERS

SPEAKER CABINET 6x9"

WOODEN BOX

Just add speaker
185x300x200mm
Particle board Internal wadding Carpet covered
Sold in pairs
Black

Code
SB69A



SPEAKERS NOT INCLUDED
REQUIRES 6x9" SPEAKERS

SUB CABINETS FOR CAR

SEE SECTION 18 CAR AUDIO ACCESSORIES

Several sizes available
Quality built wood with carpet, port & wadding.
Just add subwoofer

10" SUB BOX

Suit	10"
Volume	23L
Box Size	400x350x380mm
Code	SB10



10"

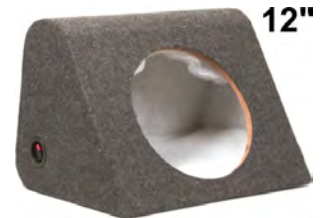
SUB CABINETS FOR CAR

SEE SECTION 18 CAR AUDIO ACCESSORIES

Several sizes available Quality built wood with carpet, port & wadding. Just add subwoofer

12" SUB BOX

Suit	12"
Volume	28L
Box Size	475x350x380mm
Code	SB12



12"

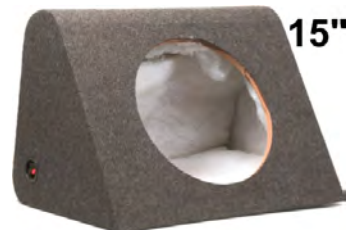
SUB CABINETS FOR CAR

SEE SECTION 18 CAR AUDIO ACCESSORIES

Several sizes available Quality built wood with carpet, port & wadding. Just add subwoofer

15" SUB BOX

Suit	15"
Volume	33L
Box Size	605x430x450mm
Code	SB15



15"

12" SUB-WOOFER CABINET FOR HATCHBACKS

COMPACT LOW-PROFILE MAX-FLAT

Duuf-duuf box, just add a super 12" Subwoofer. Extra detailing for a more attractive design. Black carpet subwoofer enclosure with extra panelling to give a stronger box for high performance and extra tight bass. Sleek design is practical and functional. Angled for mounting behind rear seats. using a minimum of space. Compact 25 litre (0.85ft³) ported enclosure. Gold plated 3mm binder & screw terminals. Filled with high-grade acoustic dampening. Excellent no-fuss mega-bass solution.

Size	Code
380X560X240mm	MAX12





→ Speaker Drivers

DAI-1CHI HIFI REPLACEMENT DRIVERS

The following range will suit most audio applications where you may be replacing a damaged driver in an existing box, upgrading a poor or outdated box or an economical solution in making your own HiFi speaker for home theatre, etc. All Daichi drivers use high quality, reliable componentry for long service life and excellent sound for money value.

Specifications have been Independently evaluated & tested by a 3rd party (SSS). www.stonessoundstudio.com.au

Wattage ratings are RMS where possible and assumes you crossover correctly. Bulk prices are available - Please Enquire



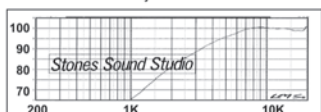
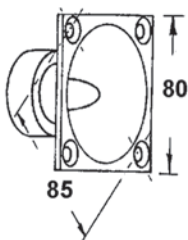
↓ Tweeters

PIEZO HORN TWEETER

NO COVER REQUIRED

Bullet tweeter for long throw sound reinforcement. Suit PA, use with IS1200, IS15-150, etc.

Power 100W+
 Freq. 2K→25KHz+
 Sens. 92dB
 Code HT100A

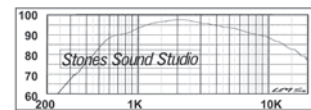
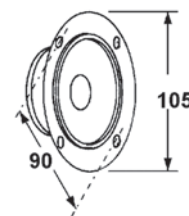


Replacement horn driver for the popular KSN1005 See our Motorola / CTS PA speaker pages

3" CONE TWEETER

Ideal Replacement
 15 watts
 8Ω (7.3ΩDC)
 600-16KHz (±6dB)

Code CT15

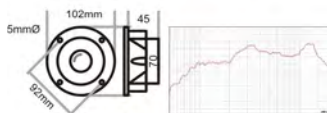


1" DOME TWEETER HORN-LOADED

HIGH EFFICIENCY DESIGN

Suit efficient multi-arrays and/or long-throw applications Also improves time alignment 25mm Pure aluminium dome Design reduces any ringing Doped cloth roll surround Acoustic damped chamber Ferro fluid cooled high power Plastic fascia. Metal grille.

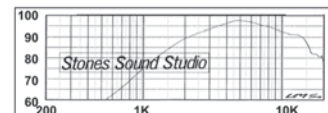
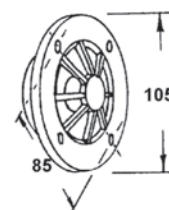
Re 6Ω
 Sens. 92dB
 Fs 1000Hz
 Freq. 1KHz-20KHz
 Power 25Wrms 50Wp
 Code HTW25



2 1/2" CONE TWEETER

Round Black face
 2.5" paper cone
 25 watts peak
 8Ω (7.3Ωdc)
 1.5H-16KHz (±6dB)

Code CT25



DOME HORN TWEETER

NOT A PIEZO!

This speaker is unique in that it uses the HiFi Dome driver as found in DT89 or DT700 and horn loads it for long throw PA & large room applications. Soft roll-off at high end for reduced harshness and feedback.

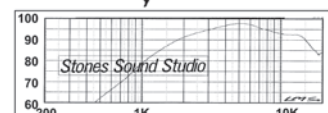
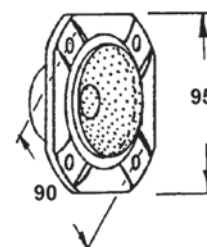
Mag. 150g(5oz)
 Freq. 1K→12KHz (±6dB)
 Z 8Ω (7.0Ωdc) 88dB
 Fo 2.2KHz (11Ω)
 Power 40WNom. 80WMax.
 Code HT115



2 1/2" CONE TWEETER

Square Frame Design
 2.5" paper cone 30 watts 8Ω (7.3Ωdc)
 1.3K-18KHz (±6dB)

Code CT30

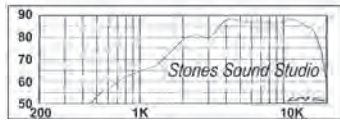
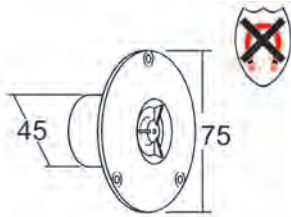




1" MYLAR CONE TWEETER

MAGNETICALLY SHIELDED

Mylar cone 1" Ferro Fluid cooled Super compact Ideal for home theatre close-to CRT TV, etc. 3Wnom (10peak) 91dB (1W/1M) 8Ω (6.4Ωdc) 3.5k→17KHz (±3dB) 3K→18KHz (±6dB) Fo 4KHz

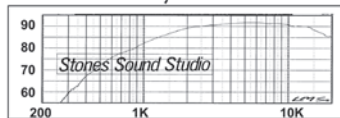
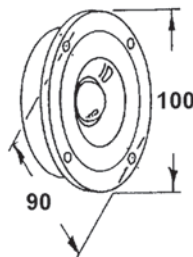


Code
CT10

1" SOFT DOME SHIELDED

1" Material diaphragm MAGNETICALLY SHIELDED

for a fast but gentle, non-aggressive high end. With ferro fluid cool voice coil for high power handling. All black design. 40W nom. 80W peak 8Ω (7.4Ωdc) 1.5K-20KHz (±3dB) 92dB (1W/1M)

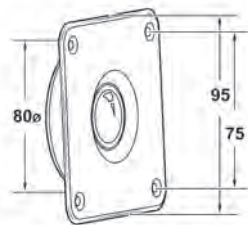


Code
DT81

TITANIUM DOME TWEETER

Titanium Coated Mylar 1" dome

for a bright sound where needed, eg, very high end (usually lost in furniture) and also extra definition for voices, etc. (2→3K) Aluminium voice coil Ferro fluid & dampening. High thermal power handling.

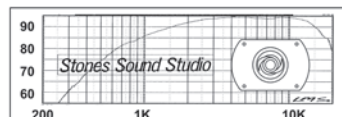
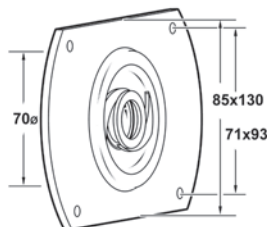


Mag.	150g (5.4oz)
Freq.	800→20KHz (±6db)
Impedance	8Ω (5.5Wdc)
Sens.	94dB
Power	70WNom. 100WMax.
Code	DT89

TITANIUM DOME WIDE FRAME

Titanium Coated Mylar 1" dome

Aluminium voice coil. Ferro fluid & dampening. High thermal power handling. Identical to DT89 but with a larger flange. Ideal for filling the large hole left by previous speaker, or just for style!



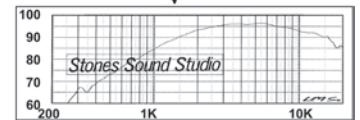
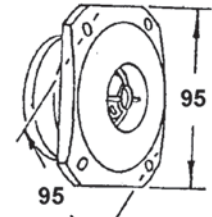
Mag.	150g (5.4oz)
Freq.	800→20KHz (±6db)
Impedance	8Ω (5.5Ωdc)
Sens.	94dB
Power	70WNom. 100WMax.
Code	DT700

DOME TWEETER SQUARE-FRAME

1" Mylar dome. Aluminium voice coil. All Black design. 35W nom. 70W max. 8Ω (7.3Ωdc) 1K-20KHz. (±6dB) 93dB sensitivity.

Code
DT35

Black finish will match our "Square Frame" range of Daichi speakers. Nice bright sound with soft roll-off, so not too bright.

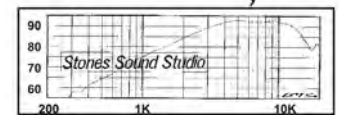
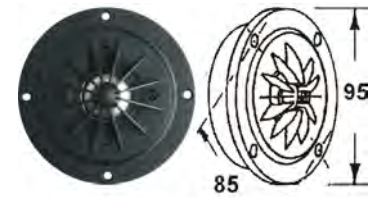


DOME TWEETER METAL

1" Mylar Dome

Doped in aluminium for a crystal sharp, but not too bright a sound. High power handling Aluminium Voice Coil. Dark grey with dispersion cap. Very smooth response for easy matching. 40W nom. 80W peak 8Ω (7.4Ωdc) 1.2K-20KHz (±3db) 93dB sens' 150g magnet

Code
DT40



DOME TWEETER DAICHI-DELUXE

1" Gold coloured Titanium

alloy dome, aluminium voice coil with Ferro fluid, cloth surround & dampening for excellent voice and instrument reproduction with gentle roll off high end. Smooth response for easy X-Over matching a nice accurate hi-end sound. Mag. 225g(8oz) 600→20KHz (±6dB) 8Ω(5.5Ωdc) 92dB

Power 60WNom. 120WMax. Code DT500



1" DOME TWEETER

102mm FASCIA W/ GRILL

25mm Pure aluminium dome cap Extends high frequencies Bright and clear high-end Design reduces any ringing Doped cloth roll surround Tuned Acoustic damped chamber Most resonances are moved to below the crossover point Ferro fluid cooled high power Plastic fascia. Metal grille.

Re 6Ω (90dB)
Fs 1400Hz
Freq. 1.4Khz-20KHz
Power 25Wrms/60Wpeak
Code DTSR25





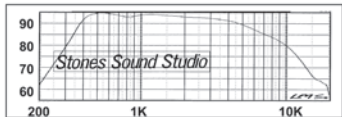
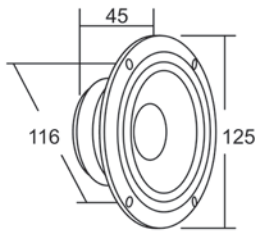
↓ Midrange

4" SEALED BACK MIDRANGE

ROUND FRAME

4 inch Above mount black metal frame. Rubber surround High compliance 8Ω (5.9Ωdc) 30 watts 95dB sens' 370→5KHz (±3dB)

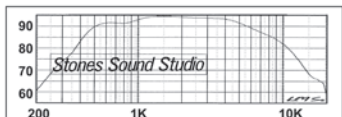
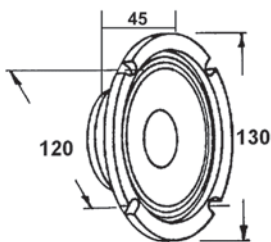
Fo	530Hz
Qms	4.21
Qes	2.76
Qts	1.67
Code	MR4-40



5" SEALED BACK MIDRANGE

5 inch. Paper cone. General Replacement. 8Ω (7.0Ωdc) 30W rms 450→6.5KHz (±3db) 91dB sens' 3.6oz mag. Voice 20mm For Higher Power.

Fo	623Hz
Qms	4.12
Qes	3.74
Qts	1.96
Code	MR5-30

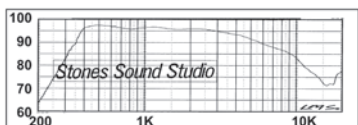
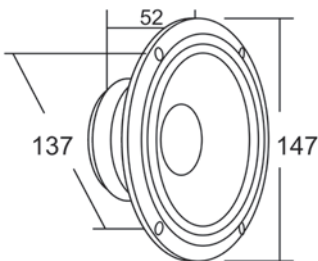


5" SEALED BACK MIDRANGE

ROUND FRAME

5 inch Above mount black metal frame. Rubber surround High compliance 8Ω (7.0Ωdc) 50W rms 94dB sens' 470→6.5KHz (±3dB)

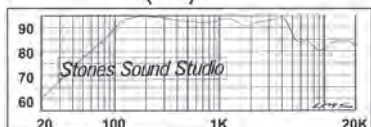
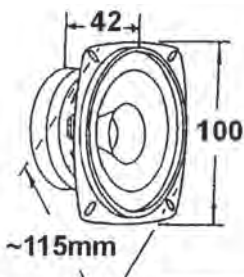
Fo	620Hz
Qms	4.12
Qes	3.74
Qts	1.96
Code	MR5-50



4" DUAL CONE SPEAKER 4Ω

200g magnet Whizzer cone for extended F range Suit applications without a tweeter. Cloth surround. 40Wp-p, 87dB (1W/1M) 4Ω (3.5Ωdc) 70→20KHz (±6dB)

Fo	170Hz
Qms	2.47
Qes	1.47
Qts	0.92
Vas	1.11L
Code	DC4-40

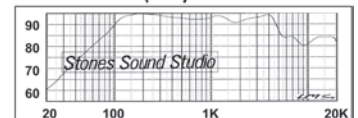
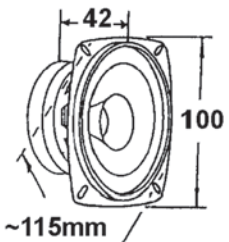


↓ Wide Range

4" DUAL CONE SPEAKER 8Ω

200g magnet Whizzer cone for extended F range Suit applications without a tweeter. Cloth surround. 40Wp-p, 87dB (1W/1M) 8Ω (6.9Ωdc) 70→20KHz (±6dB)

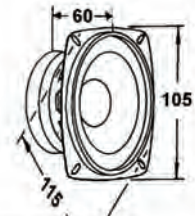
Fo	170Hz
Qms	2.97
Qes	1.27
Qts	0.62
Vas	1.01L
Code	DC4-41



4" WIDE RANGE SPEAKER 4Ω

Foam Surround High compliance Paper Cone Large Magnet 20Wnom 83dB (1W/1M) 4Ω (3.5Ωdc) 60→10KHz (±6dB)

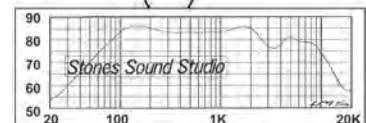
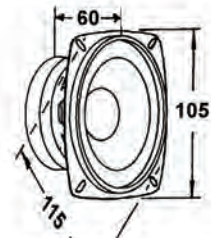
Fo	115Hz
Qms	3.06
Qes	1.32
Qts	0.92
Vas	1.23L
Code	SP4-24



4" WIDE RANGE SPEAKER 8Ω

Foam Surround High compliance Paper Cone Large Magnet 20Wnom/40Wmax 85dB (1W/1M) 8Ω (6.9Ωdc) 45→11KHz (±6dB)

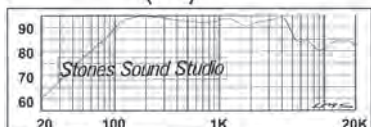
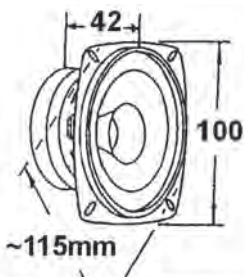
Fo	115Hz
Qms	3.46
Qes	0.81
Qts	0.65
Vas	1.10L
Code	SP4-20



4" DUAL CONE SPEAKER 4Ω

200g magnet Whizzer cone for extended F range Suit applications without a tweeter. Cloth surround. 40Wp-p, 87dB (1W/1M) 4Ω (3.5Ωdc) 70→20KHz (±6dB)

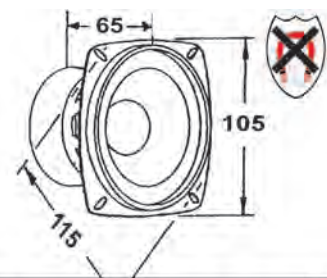
Fo	170Hz
Qms	2.47
Qes	1.47
Qts	0.92
Vas	1.11L
Code	DC4-40



4" MAGNETICALLY SHIELDED

High Quality Polypropylene cone Rubber surround Ideal for home theatre close-to CRT TV, etc. 30Wnom/50Wmax 91dB (1W/1M) 8Ω (6.3Ωdc) 70→7KHz (±3dB) 47→9KHz (±6dB)

Fo	91Hz
Qms	4.15
Qes	0.87
Qts	0.72
Vas	2.11L
Code	SP4-30



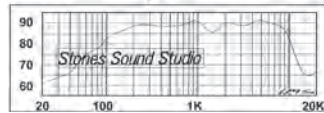
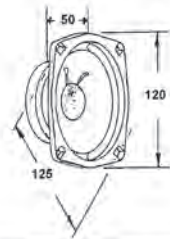


↓ Wide Range

4 1/2" WIDE RANGE SPEAKER

Foam Surround
Paper Cone
20Wnom/35Wmax
89dB (1W/1M)
8Ω (7.4Ωdc)
70→10KHz (±6dB)

Fo 126Hz
Qms 3.13
Qes 1.03
Qts 0.78
Vas 2.41L
Code SP5-20

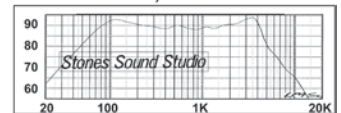
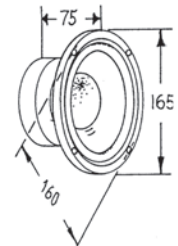


↓ Mid-Woofers

6 1/2" MID-WOOFER 50W

Paper Cone. Foam Surround.

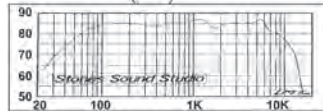
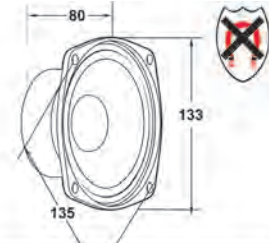
Z 8Ω (7.2Ωdc)
Freq. 47→5KHz (±6dB)
Fo 63Hz
Sens. 89dB
Mag. 12oz
Power 50W nom.
Qms 2.54
Qes 0.96
Qts 0.50
Vas 23.73L
Zo 26Ω
Sd 0.014M²
BL 4.68TM
Cms 866uM/N
Code SP65-50



5" MAGNETICALLY SHIELDED

High Quality Polypropylene cone
Rubber surround
Ideal for home theatre close-to CRT TV, etc.
30Wnom/50Wmax 86dB
(1W/1M) 8Ω (6.2Ωdc)
60→8KHz (±3dB)
40→12KHz (±6dB)

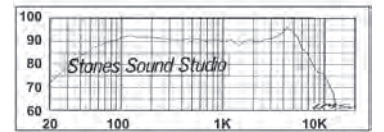
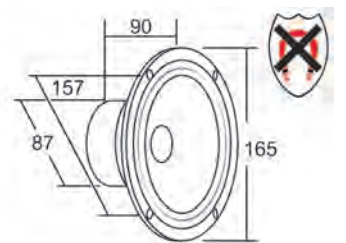
Fo 65Hz
Qms 4.39
Qes 0.73
Qts 0.63
Vas 7.03L
Code SP5-30



6 1/2" MAGNETICALLY SHIELDED 100W

DELUXE High Quality Polypropylene cone
Rubber surround
Ideal for home theatre close-to CRT TV, etc.
60Wnom/100Wmax 86dB
(1W/1M) 8Ω (6.5Ωdc)
60→3KHz (±3dB)
40→5KHz (±6dB)

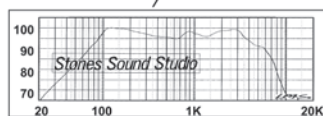
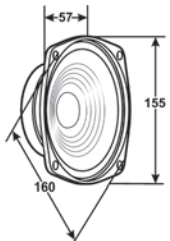
Fo 58Hz
Qms 2.135
Qes 0.724
Qts 0.541
Vas 9.37
Code SP65-60



6" WIDE RANGE SPEAKER

Paper cone Silver dust cap
General Purpose
40Wnom/60Wmax 90dB
(1W/1M) 4Ω (3.8Ωdc)
60→7KHz (±6dB)

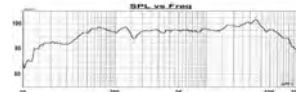
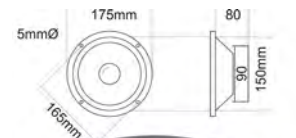
Fo 83Hz
Qms 3.31
Qes 0.97
Qts 0.75
Vas 10.34L
Code SP6-40



6 1/2" HF/R MID-WOOFER

Paper pulp. Poly doped cone.
Beautifully finished driver. Low resonance Rubber surround.
Matte black powder coated Steel stamped frame ROUND.
Magnetically shielded.

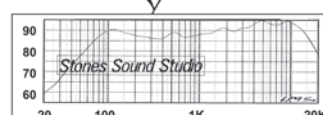
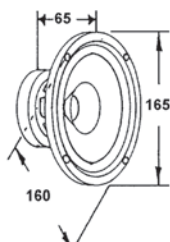
Re 6.4Ω (8Ω 200Hz)
Freq. 60Hz, 60→5KHz
Sens. 90dB
Qms 4.993
Qes 1.140
Vas 17.9L
Code HFR165-50-8



6 1/2" DUAL CONE SPEAKER

Paper Cone. Foam Surround.
Whizzer cone for extended highs.

Z 8Ω (7.0Ωdc)
Freq. 55→18KHz (±6dB)
Fo 60Hz
Power 30W nom.
Sens. 90dB
Qms 3.31
Qes 0.88
Qts 0.69
Vas 24.18L
Zo 33Ω
Code DC65-30



6 1/2" HF/R MID-WOOFER HI-POWER

NEW SERIES FROM DAI-1CHI
Paper pulp. Poly doped cone.
Beautifully finished driver. Low resonance Rubber surround.
Steel stamped frame ROUND.
Magnetically shielded.

R 6.4Ω (8Ω 200Hz)
Freq. 60Hz, 60→5KHz
Sens. 90dB
Pnom 50W (100Wmax)
Qms 4.36
Qts 0.71
Qes 0.85
Vas 16.6L
Code HFR165-100-8

For More See The Following Feature Pages.....

NEW!
DAI-1CHI
Series



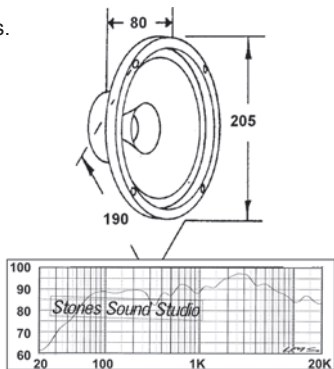


↓ Woofer

8" DUAL CONE SPEAKER

Paper Cone. Foam Surround.
Whizzer cone for extended highs.

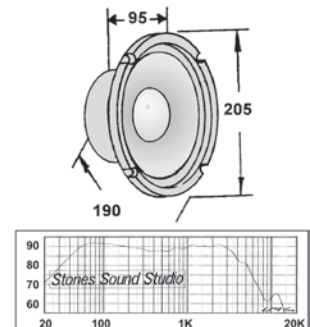
Z	8Ω (7.1Ωdc)
Freq.	50→20KHz (±6dB)
Fo	54Hz
Sens.	91dB
Mag.	8 Oz
Power	30W nom.
Voice	25mm
Qms	2.32
Qes	0.91
Qts	0.65
Vas	47.11L
Zo	24Ω
Sd	0.022M ²
Code	DC8-30



8" POLYPROPYLENE WOOFER

Minimum cone break-up at high volume levels.
Heavy duty construction Foam Surround.

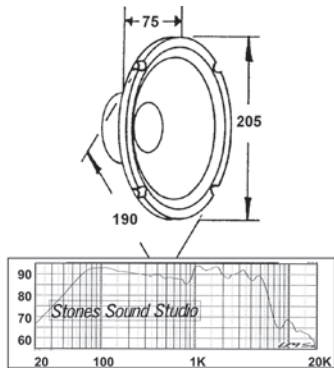
Z	8Ω (6.5Ωdc)
Freq.	30→5KHz (±6dB)
Fo	38Hz
Sens.	88dB
Mag.	20 Oz
Power	100W nom.
Qms	6.75
Qes	0.74
Qts	0.67
Vas	53.10L
Code	SP8-100



8" WOOFER 30W

Paper Cone. Foam Surround.

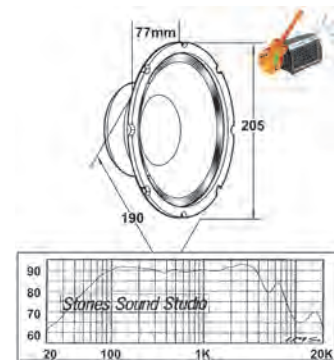
Z	8Ω (7.0Ωdc)
Freq.	40→6KHz (±6dB)
Fo	44Hz
Sens.	90dB
Mag.	8 Oz
Voice	25mm
Power	30W nom.
Qms	2.20
Qes	0.80
Qts	0.59
Vas	61.23L
Zo	26.6
Sd	0.022M ²
Code	SP8-30



8" INSTRUMENTAL 100W

Large gauge design Accordion/
doped cloth surround Reinforced
cellulose fibre cone.

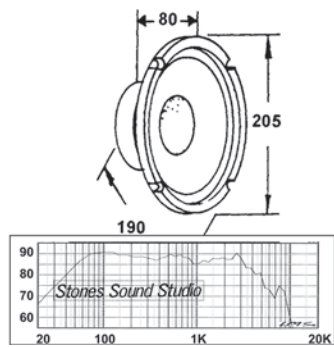
Z	8Ω (6.1Ωdc)
Freq.	65→4KHz (±3dB)
Fo	95Hz
Sens.	90dB
Mag.	20 Oz
Voice	32mm
Power	200Wmax
Qms	6.55
Qes	1.48
Qts	1.21
Vas	10.2L
Code	IS8000



8" WOOFER 50W

Paper Cone. Foam Surround.

Z	8Ω (7.4Ωdc)
Freq.	40→5KHz (±6dB)
Fo	53Hz
Sens.	90dB
Mag.	11 Oz
Voice	38mm
Power	50W nom.
Qms	1.79
Qes	1.26
Qts	0.74
Vas	47.28L
Zo	17Ω
Sd	0.022M ²
Code	SP8-50



8" SUBWOOFER 4Ω DELUXE

Treated pulp cone for extended low
frequency without cone breakup.
2" Aluminium voice coil. Strontium
magnet. 80Wrms.

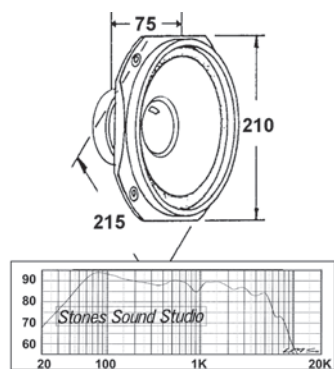
Z	4Ω (3.9Ω)
Freq.	36→8KHz (±3dB)
Fo	36Hz
Sens.	88dB
Mag.	20 Oz
Power	160W max.
Qms	5.45
Qes	0.59
Qts	0.53
Vas	46.1L
Code	CS80



8" SQUARE FRAME WOOFER

Paper Cone. Foam Surround.

Z	8Ω (6.5Ωdc)
Freq.	40→5KHz (±6dB)
Fo	50Hz
Sens.	88dB
Mag.	10 Oz
Voice	38mm
Power	50W nom.
Qms	3.69
Qes	1.30
Qts	0.96
Vas	45.91L
Code	SQ8-50



8" WOOFER POLY FRAME

Peerless Tymphany Made New generation
drivers New Manufacture materials
Composite polymer chassis Polyamide,
glass & minerals Nomex® ventilated former
Dual layer NRSC coated cone

RevC	
Fo	
Vas	74.688L
Qms	4.534
Qes	0.362
Qts	0.335
SPL	
Power	50Wrms 200Wmax
Code	BC22WJ06-04



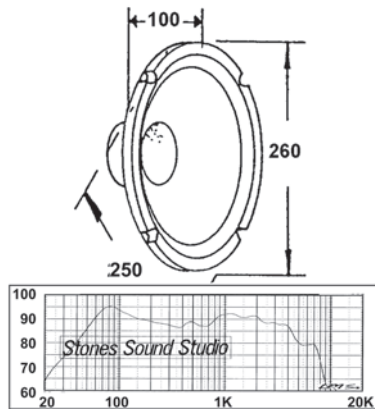


↓ Woofer

10" WOOFER 40W

Paper Cone.Foam Surround.

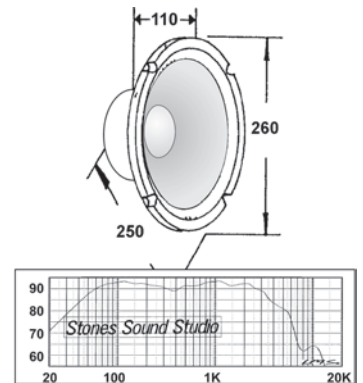
Z	8Ω (7.0Ωdc)
Freq.	44→4KHz (±6dB)
Fo	50Hz
Sens.	89dB
Mag.	8 Oz
Power	40W nom.
Qms	3.32
Qes	1.75
Qts	1.15
Vas	73.02L
Code	SP10-40



10" POLYPROPYLENE WOOFER 120W

Minimum cone break-up at high volume levels. Heavy duty construction Foam Surround.

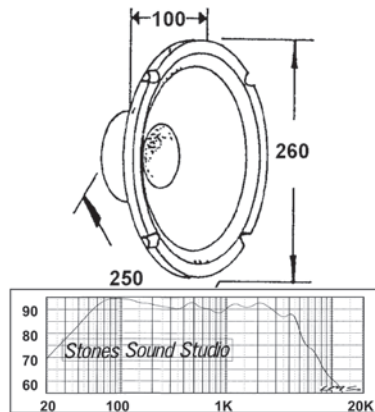
Z	8Ω (6.0Ωdc)
Freq.	33→5KHz (±6dB)
Fo	45Hz
Sens.	93dB
Power	200W max.
Qms	6.65
Qes	0.57
Qts	0.52
Vas	72.68L
Code	SP10-120



10" WOOFER 80W

Paper Cone.Foam Surround.

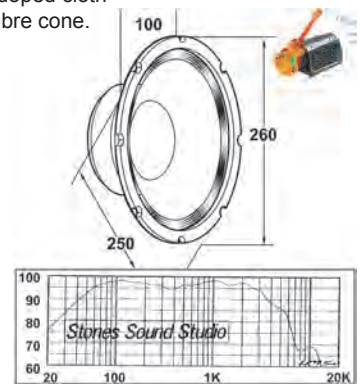
Z	8Ω (7.0Ωdc)
Freq.	40→5KHz (±6dB)
Fo	42Hz
Sens.	89dB
Mag.	13 Oz
Power	80W nom.
Qms	3.23
Qes	3.23
Qts	1.08
Vas	101.62L
Code	SP10-80



10" INSTRUMENTAL 200W

Large gauge design Accordion/doped cloth surround Reinforced cellulose fibre cone.

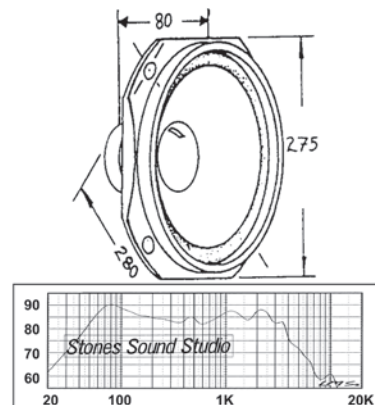
Z	8Ω (5.7Ωdc)
Freq.	33→5KHz
Fo	63Hz
Sens.	94dB
Mag.	30 Oz
Voice	32mm
Power	400Wmax
Qms	4.34
Qes	0.79
Qts	0.67
Vas	50L
Code	IS10000



10" SQUARE FRAME WOOFER 40W

Paper Cone.Foam Surround.

Freq.	40→4KHz (±6dB)
Power	8 Oz
Z	8Ω (6.4Ωdc)
Fo	50Hz
Sens.	89dB
Mag.	8 Oz
Qms	4.09
Qes	1.54
Qts	1.12
Vas	58.55L
Code	SQ10-40



TARGA 10" SUB-WOOFER

High performance weather resistant paper cone doped and poly dust cap. Butyl rubber roll surround and oversized spider for extra cone travel.

Power	150Wrms 300Wmax
Impedance	4.6 Ohm
Res.	36.4Hz
Sens.	88dB
Mag.	140x20mm (38oz.)
Qms	2.66
Qes	0.56
Size	10"
Qts	0.47
Vas	45L
Box	0.8f³ min.
Code	X100SVC

TARGA
AUTOSOUND

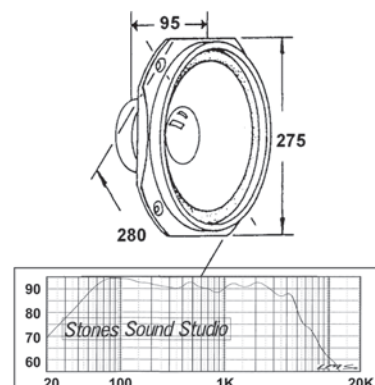
10"
Hole-Cut = 230mm
Mounting Holes = 243
Depth = 110mm



10" SQUARE FRAME WOOFER 80W

Paper Cone.Foam Surround.

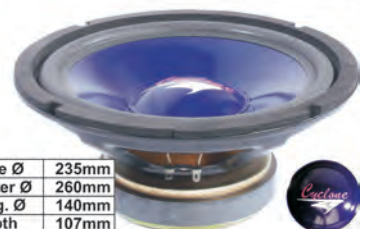
Z	8Ω (6.4Ωdc)
Freq.	40→2KHz (±6dB)
Fo	47Hz
Sens.	90dB
Mag.	13 Oz
Power	80W nom.
Qms	3.46
Qes	1.01
Qts	0.78
Vas	73.47L
Code	SQ10-80



10" SUBWOOFER 4Ω DELUXE

Treated pulp cone for extended low frequency without cone breakup. 1.5" Aluminium voice coil. Strontium magnet. 100Wrms.

Z	4Ω (4.0Ω)
Freq.	35→6KHz (±3dB)
Fo	34.8Hz
Sens.	89dB
Mag.	40 Oz
Power	200W max.
Qms	5.07
Qes	0.47
Qts	0.43
Vas	74.9L
Code	CS100



Hole Ø	235mm
Outer Ø	260mm
Mag. Ø	140mm
Depth	107mm



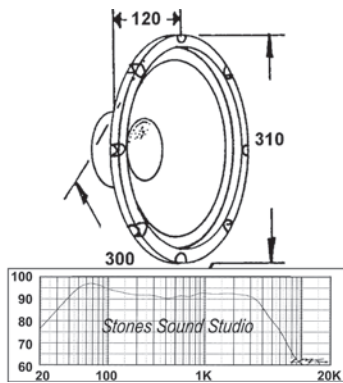
06 SPEAKERS

↓ Woofer

12" WOOFER 50W

Paper Cone. Foam Surround.

Z	8Ω (7.4Ωdc)
Freq.	30→4KHz
Fo	32Hz
Sens.	90dB
Mag.	13 Oz
Voice	32mm
Power	50W nom.
Qms	2.22
Qes	1.03
Qts	0.70
Vas	188.33L
Code	SP12-50



12" HF/R WOOFER HI-POWER

Paper pulp. Poly doped cone. Big performance wide range. Low resonance Rubber surround. Matte black powder coated Steel stamped frame ROUND. Wide range woofer or Sub.

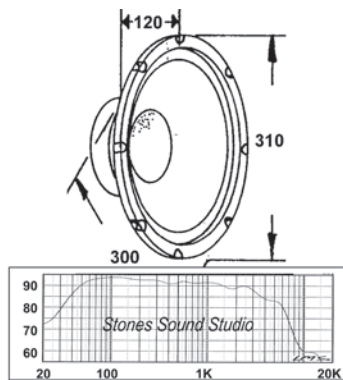
Re	6.4Ω (8Ω 200Hz)
Pnom	75W (150Wmax)
Freq.	34Hz , 30→3KHz
Sens.	89dB
Qms	4.269
Qes	0.936
Qts	0.768
Vas	85.0L
Code	HFR300-150-8



12" WOOFER 100W

Paper Cone. Foam Surround.

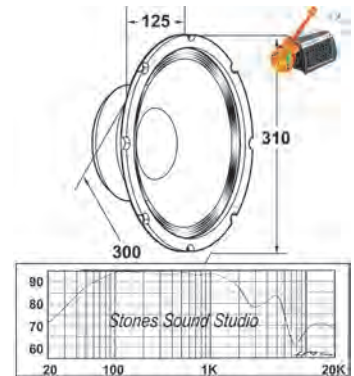
Z	8Ω (7.2Ωdc)
Freq.	33→4KHz
Fo	32Hz
Sens.	93dB
Mag.	30 Oz
Voice	38mm
Power	100W nom.
Qms	1.42
Qes	0.47
Qts	0.35
Vas	188.56L
Code	SP12-100



12" INSTRUMENTAL 250W

Large gauge design Accordion/ doped cloth surround Reinforced cellulose fibre cone.

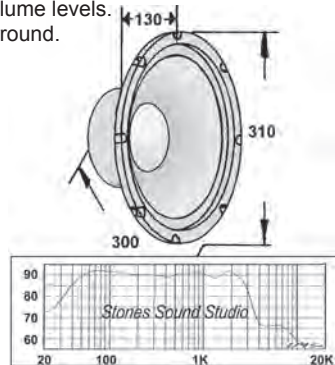
Z	8Ω (5.7Ωdc)
Freq.	32→5KHz
Fo	55Hz
Sens.	95dB
Mag.	50 Oz
Voice	32mm
Power	250W/500W
Qms	5.15
Qes	0.74
Qts	0.65
Vas	88.1L
Code	IS12000



12" WOOFER POLYPROPYLENE 150W

Minimum cone break-up at high volume levels. Heavy duty construction Foam Surround.

Z	8Ω (6.6Ωdc)
Freq.	30→4KHz (±6dB)
Fo	35Hz
Sens.	94dB
Mag.	40 Oz
Power	150W nom.
Qms	3.18
Qes	0.44
Qts	0.38
Vas	157.45L
Code	SP12-150



TARGA 12" SUB-WOOFER

High performance Heavy Duty Sub. Solid die cast alloy basket frame. Gold-plated 4mm binding posts. Black framed over-sized magnet.

Power	200Wrms 400Wmax
Impedance	4.1 Ohm
Res.	32.3Hz
Sens.	89dB
Mag.	156x20mm (49oz.)
Qms	3.69
Qes	0.61
Qts	0.53
Vas	85L
Box	1.0f min.
Code	X120SVC

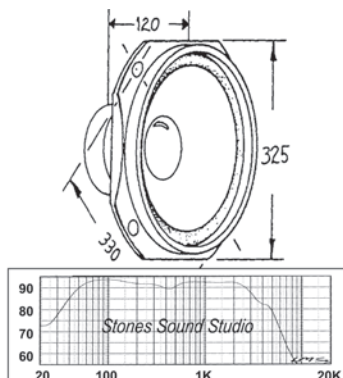
TARGA AUTOSOUND 12"
Hole-Cut = 290mm
Mounting Holes = 300
Depth = 135mm



12" SQUARE FRAME WOOFER 100W

Paper Cone. Foam Surround.

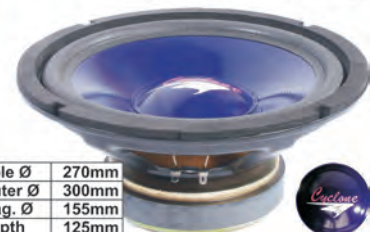
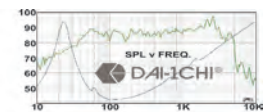
Z	8Ω (6.6Ωdc)
Freq.	33→5KHz
Fo	35Hz
Sens.	94dB
Mag.	30 Oz
Voice	38mm
Power	100W nom.
Qms	1.92
Qes	0.52
Qts	0.41
Vas	184.28L
Code	SQ12-100



12" SUBWOOFER 4W DELUXE

Poly' doped cone for extended low frequency without cone breakup. 2" Aluminium voice coil. Strontium magnet. 150Wrms.

Z	4Ω (4.7Ω)
Freq.	25→5KHz (±3dB)
Fo	25.0Hz
Sens.	91dB
Mag.	50 Oz
Power	300W max.
Qms	5.46
Qes	0.35
Qts	0.33
Vas	202.7L
Code	CS120



06 SPEAKERS

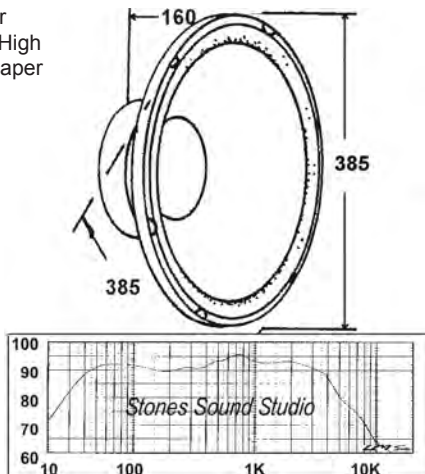


↓ Woofer

15" WOOFER 150W

Suit power hungry HiFi or moderate PA/Guitar, etc. High compliance (304uM/N) Paper Cone. Foam Surround.

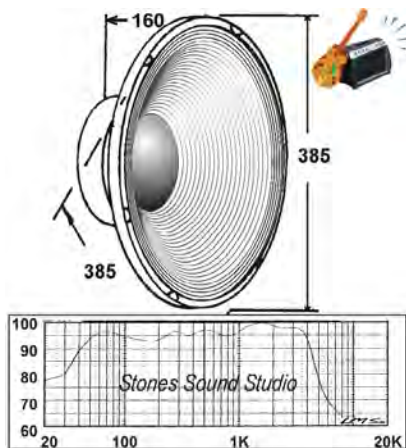
Z	8Ω (7.2Ωdc)
Freq.	27→4KHz
Fo	32Hz
Sens.	94dB
Mag.	50 Oz
Voice	50mm
Power	150W nom.
Qms	2.01
Qes	0.53
Qts	0.42
Vas	265.20L
Code	SP15-150



15" INSTRUMENTAL

Strengthened suspension long throw system for the rugged use in PA sound reinforcement.

Z	8Ω (7.2Ωdc)
Freq.	33→4KHz
Fo	45Hz
Sens.	95dB
Mag.	50 Oz
Voice	50mm
Power	150W nom.
Qms	3.18
Qes	0.83
Qts	0.65
Vas	207.75L
Code	IS15-150



TARGA 15" SUB-WOOFER

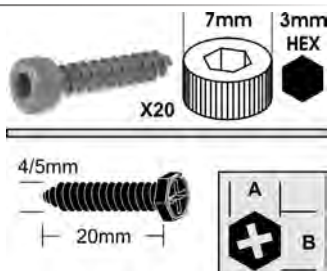
Paper cone doped and poly dust cap. Solid die cast alloy basket frame. Premium build quality for automotive or home audio subwoofer applications. Suit sealed or vented boxes.

Power	250Wrms, 500Wmax
Impedance	3.9 Ohm
Re	29.5Hz
Sens.	87dB
Qms	4.33
Qes	1.16
Qts	0.92
Size	15"
Vas	159L
Box Size	1.4f ³ min
Mag.	156x20mm (49oz.)
Code	X150SVC



BLACK DRESS SPEAKER SCREWS

3mm ALLEN HEX	
Size	Code
4mm	AS420-20
7mm PHILLIPS/HEX	
Size	Code
8G x 20mm	ST57B
8mm PHILLIPS/HEX	
7.8/8.8mm 5x25mm	
Size	Code
10G x 25mm	STS8B



→ Speaker Construction

REAR Baffle

210x175x90mm(Deep)
Rear baffle for enclosing car audio 6x9" speakers. Can be used for other mid-range type applications in your speaker building. Sold in pairs.

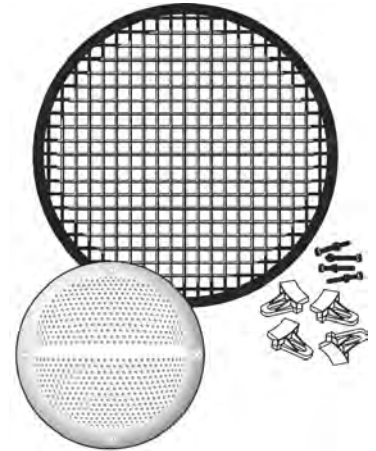
Code
AP6900



SPEAKER GRILLES

Strong metal construction and universal mounting system for protecting valuable speaker cones from accidental puncture.

Size	Code
8"	MG80
10"	MG100
12"	MG120
15"	MG150



CEILING/WALL MOUNT

White frame & grille 1
Piece plastic.
Suit DC8-30, etc.

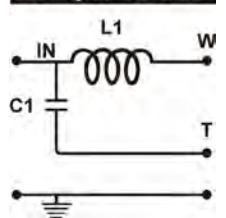
Size	Code
8"	CSG8
4"	CSG4

6dB CROSSOVER VALUES Courtesy Stones Sound Studio

Pick your desired crossover point, within the over-lap frequency response of the two drivers, this is the -3dB value. Read off the four component values, components within 10% will be fine.

-3dB	L-4Ω	C-4Ω	L-8Ω	C-8Ω
130Hz	4.7mH	300uF	10mH	150μF
200Hz	3.3mH	200uF	6.8mH	100μF
260Hz	2.4mH	150uF	4.7mH	75μF
400Hz	1.6mH	100uF	3.3mH	50μF
600Hz	1.0mH	68uF	2.0mH	33μF
800Hz	.82mH	50uF	1.6mH	26μF
1000Hz	.62mH	39uF	1.2mH	20μF
1200Hz	.51mH	33uF	1.0mH	16μF
1800Hz	.33mH	22uF	.68mH	10μF
4000Hz	.16mH	10uF	.33mH	5μF

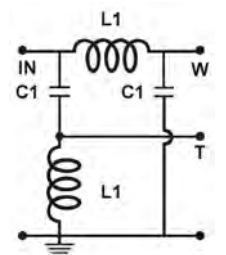
Mathematically calculated assuming non reactive load



12dB CROSSOVER VALUES Courtesy Stones Sound Studio

A 12dB crossover gives better filtering, at the expense of more components. Benefits include better sound as drivers are sharing less spectrum, improved power handling & protection and in-phase driver response at fx.

-3dB	L-4Ω	C-4Ω	L-8Ω	C-8Ω
130Hz	6.8mH	200uF	15mH	100μF
200Hz	4.7mH	150uF	9.1mH	75μF
260Hz	3.6mH	100uF	6.8mH	50μF
400Hz	2.2mH	68uF	4.7mH	33μF
600Hz	1.5mH	47uF	3.0mH	27μF
800Hz	1.0mH	33uF	2.0mH	15μF
1000Hz	.91mH	27uF	1.8mH	13μF
1200Hz	.75mH	22uF	1.5mH	11μF
1800Hz	.50mH	15uF	1.0mH	6.8μF
4000Hz	.22mH	6.8uF	.47mH	3.3μF





↓ Speaker Drivers HiFi DAI-1CHI High Fidelity Series

DAI-1CHI HIGH FIDELITY SERIES SPEAKERS

STAMPED STEEL FRAME
 PAPER PULP DOPED CONE
 RUBBER ROLL SURROUND
 MAGNETICALLY SHIELDED
 ADVANCED ACOUSTICS
 HOME THEATRE DIGITAL AUDIO

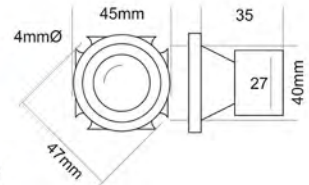
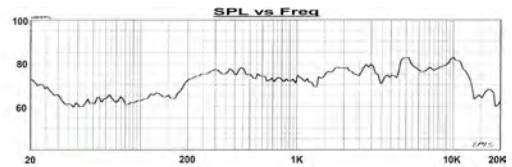
High performance and beautiful sounding drivers from Dai-1chi. Sturdy build quality in a compact package for todays demanding audio requirements. Excellent solution for repair or design of high grade, yet space efficient audio with home theatre or music in compact installations.



1½" HF/S MID-WOOFER

Paper pulp cone & dust cap
 Magnetically shielded Cloth doped surround Remarkable sound from such a compact driver Down to 200Hz! Amazing.

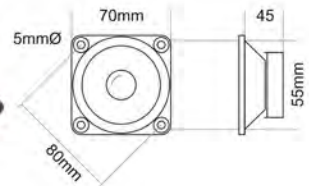
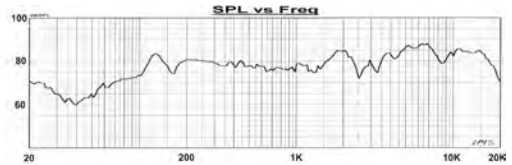
R	8Ω (670Hz) 6.4Ω (dc)
Freq.	325Hz , 200→12KHz
Sens.	85dB
Pnom	5 Watts
Pmax	10 Watts
Code	HFS38-10-8



2½" HF/S MID-WOOFER

Paper pulp cone full range.
 Large exertion design 88dB!
 Rubber surround. All black.
 Steel stamped frame square.
 Magnetically shielded.
 Impressive 135Hz to 15KHz+

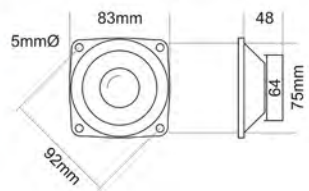
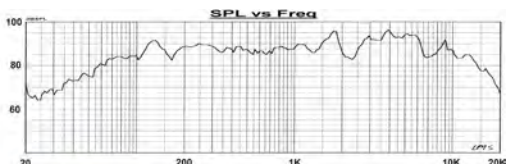
R	8Ω (200Hz) 6.4Ω (dc)
Freq.	135Hz , 135→15KHz
Sens.	88dB
Pnom	8 Watts
Pmax	15 Watts
Code	HFS64-15-8



3" HF/S MID-WOOFER

Paper pulp cone full range. Large exertion design 88dB! Rubber surround. All black. Steel stamped frame square. Magnetically shielded. Wide range 129Hz to 10KHz+

R	8Ω (60Hz) 6.4Ω (dc)
Freq.	129Hz , 129→10KHz
Sens.	88dB
Pnom	8 Watts
Pmax	15 Watts
Code	HFS76-15-8



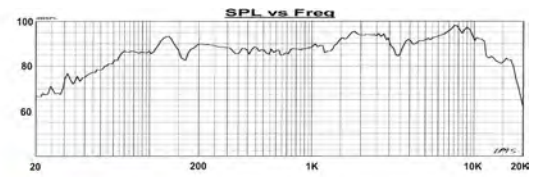


↓ DAI-1CHI High Fidelity Series

3 1/2" HF/S MID-WOOFER

Paper pulp. Poly doped cone. Large exertion design 88dB! Rubber surround. All black. Steel stamped frame square. Magnetically shielded. Excellent 100Hz to 12KHz+

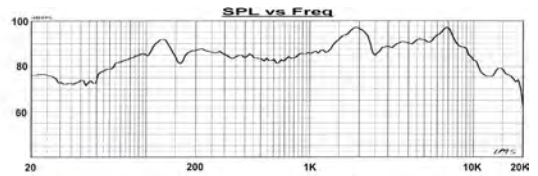
R	8Ω (60Hz) 6.4Ω (dc)
Freq.	107Hz , 100→12KHz
Sens.	88dB
Pnom	8 Watts
Pmax	15 Watts
Code	HFS89-15-8



4" HF/S MID-WOOFER

Paper pulp. Poly doped cone. Large exertion design 88dB! Rubber surround. All black. Steel stamped frame square. Magnetically shielded. Use as a mid or mid-woofer.

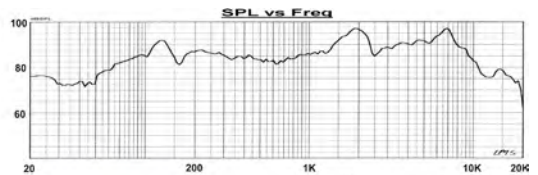
R	8Ω (200Hz) 6.4Ω (dc)
Freq.	130Hz , 75→10KHz
Sens.	88dB
Pnom	12 Watts
Pmax	25 Watts
Code	HFS100-25-8



4" HF/R MID-WOOFER

Paper pulp. Poly doped cone. Large exertion design 88dB! Rubber surround. All black. Steel stamped frame ROUND. Magnetically shielded. Use as a mid or mid-woofer.

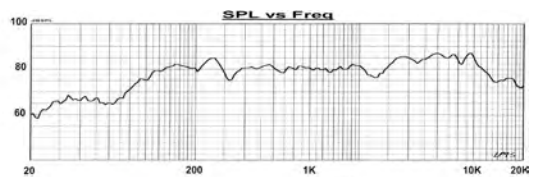
R	8Ω (200Hz) 6.4Ω (dc)
Freq.	130Hz , 75→10KHz
Sens.	88dB
Pnom	12 Watts
Pmax	25 Watts
Code	HFR100-25-8



5 1/4" HF/R MID-WOOFER

Paper pulp. Poly doped cone. Suit Sealed or ported enclosure. Use as a Woofer or mid-range. Low resonance Rubber surround. Matte black powder coated steel. Magnetically shielded.

Re	6.4Ω (8Ω 200Hz)
Freq.	75Hz , 50→5KHz
Sens.	89dB
Pnom	15W (30Wmax)
Qms	4.925
Qts	0.903
Qes	1.105
Vas	6.32L
Code	HFR125-30-8





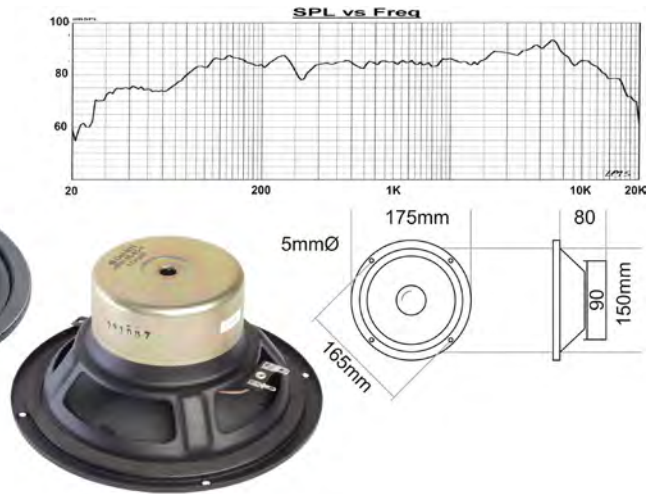
06 SPEAKERS

↓ DAI-1CHI High Fidelity Series

6 1/2" HF/R MID-WOOFER

Paper pulp. Poly doped cone. Beautifully finished driver. Low resonance Rubber surround. Matte black powder coated Steel stamped frame ROUND. Magnetically shielded.

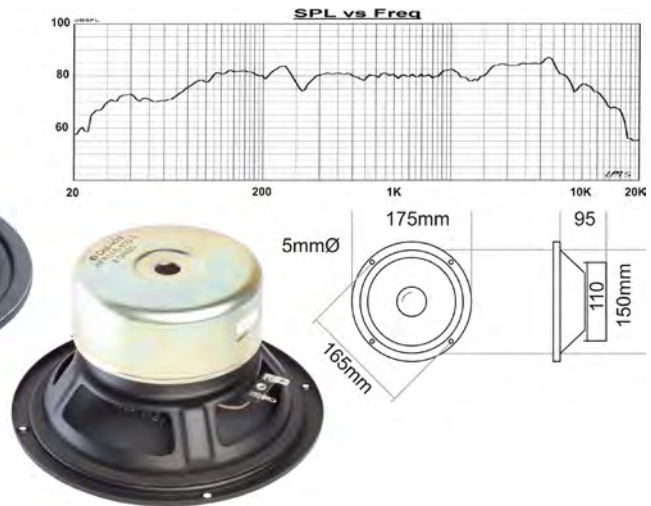
Re	6.4Ω (8Ω 200Hz)
Freq.	60Hz , 60→5KHz
Sens.	90dB
Pnom	25W (50Wmax)
Qms	4.993
Qts	1.099
Qes	1.140
Vas	17.9L
Code	HFR165-50-8



6 1/2" HF/R MID-WOOFER HI-POWER

Paper pulp. Poly doped cone. Beautifully finished driver. Low resonance Rubber surround. Matte black powder coated Steel stamped frame ROUND. Magnetically shielded.

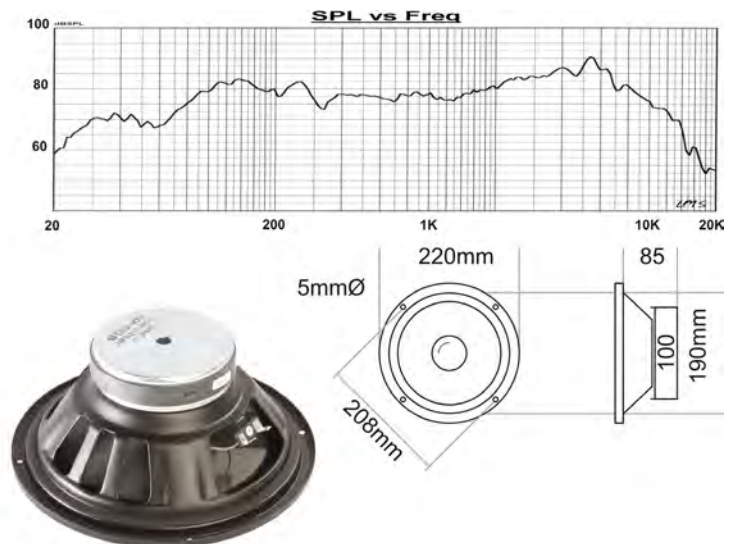
R	6.4Ω (8Ω 200Hz)
Freq.	60Hz , 60→5KHz
Sens.	90dB
Pnom	50W (100Wmax)
Qms	4.36
Qts	0.71
Qes	0.85
Vas	16.6L
Code	HFR165-100-8



8" HF/R WOOFER

Paper pulp. Poly doped cone. Similar to some European drivers. Low resonance Rubber surround. Matte black powder coated Steel stamped frame ROUND. Suit wide range 2 way system.

R	8Ω (200Hz) 6.4Ω (dc)
Freq.	46Hz , 46→5KHz
Sens.	88dB
Pnom	25 Watts
Pmax	50 Watts
Code	HFR200-50-8



06 SPEAKERS

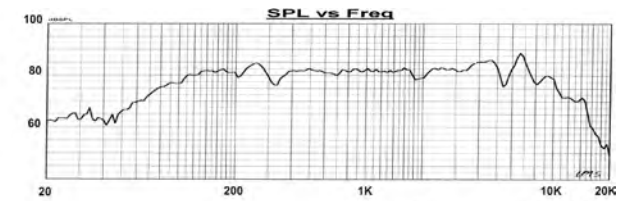


↓ DAI-1CHI High Fidelity Series

8" HF/R WOOFER HI-POWER

Paper pulp. Poly doped cone.
Rivals some more exotic brands. Low resonance Rubber surround. Matte black powder coated Steel stamped frame ROUND. High power oversized magnet.

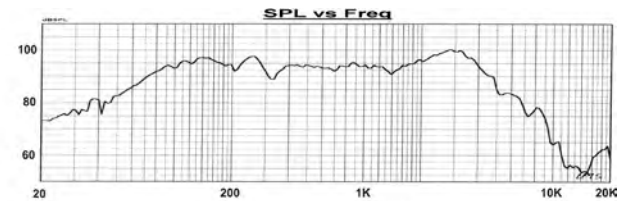
R	8Ω (200Hz) 6.4Ω (dc)
Freq.	42Hz , 42→5KHz
Sens.	88dB
Pnom	50 Watts
Pmax	100 Watts
Code	HFR200-100-8



10" HF/R WOOFER HI-POWER

Paper pulp. Poly doped cone.
Suit 2 or 3 way wide range. Low resonance Rubber surround. Matte black powder coated Steel stamped frame ROUND. High power oversized magnet.

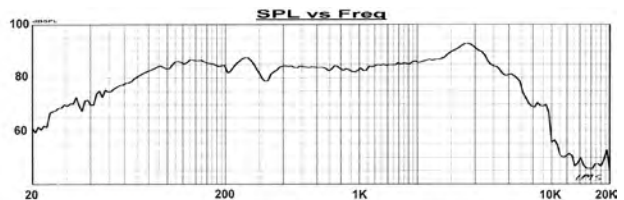
Re	6.4Ω (8Ω 200Hz)
Freq.	46Hz , 35→3KHz
Sens.	88dB
Pnom	75W (150Wmax)
Qms	4.20
Qts	0.684
Qes	0.817
Vas	49.5L
Code	HFR250-150-8



12" HF/R WOOFER HI-POWER

Paper pulp. Poly doped cone.
Big performance wide range. Low resonance Rubber surround. Matte black powder coated Steel stamped frame ROUND. Wide range woofer or Sub.

Re	6.4Ω (8Ω 200Hz)
Freq.	34Hz , 30→3KHz
Sens.	89dB
Pnom	75W (150Wmax)
Qms	4.269
Qts	0.768
Qes	0.936
Vas	85.0L
Code	HFR300-150-8





06 SPEAKERS

↓ DAI-1CHI Super Resolution Series

ALUMINIUM FRAME BASKET
PAPER PULP DOPED CONE
RUBBER ROLL SURROUND
OPEN AIR VOICE COIL
VENTILATED POLE PIECE

EUROPEAN STYLE DRIVERS

This new generation of drivers show that premium audio is no longer the exclusive to European manufacturers. Improved quality control procedures Advancements in construction materials Available technologies and techniques Remarkable acoustics are now affordable to mainstream replacement applications now quite worthy of your consideration Dai1chi SRS. Made in the Philippines.

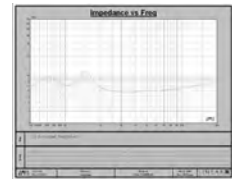
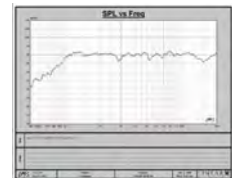
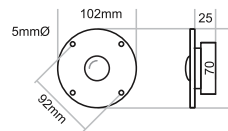


1" DOME TWEETER

102mm FASCIA W/ GRILLE

25mm Pure aluminium dome cap Extends high frequencies Bright and clear high-end Design reduces any ringing Doped cloth roll surround Tuned Acoustic damped chamber Most resonances are moved to below the crossover point Ferro fluid cooled high power Plastic fascia. Metal grille.

Re	6Ω (90dB)
Fs	1400Hz
Freq.	1.4Khz-20KHz
Power	25Wrms/60Wpeak
Code	DTSR25

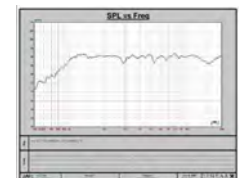
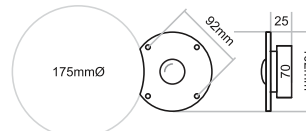


1" DOME TWEETER CUT

CONTIGUOUS TO 6½"

Cut arc diameter suits most 6.5" 165mm driver frames O/D 25mm Pure aluminium dome cap Bright and clear high-end Low-resonance design (See above) Doped cloth roll surround Tuned Acoustic damped chamber Ferro fluid cooled high power Plastic fascia. Metal grille.

Re	6Ω
Sens.	90dB
Fs	1400Hz
Freq.	1.4Khz-20KHz
Power	25Wrms 50Wp
Code	DTSC25

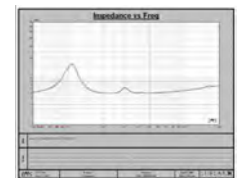
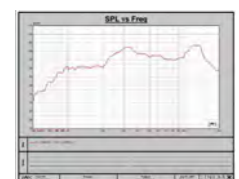
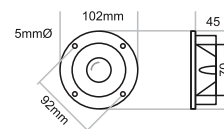


1" DOME TWEETER HORN-LOADED

HIGH EFFICIENCY DESIGN

Suit efficient multi-array's and/or long-throw applications Also improves time alignment 25mm Pure aluminium dome Design reduces any ringing Doped cloth roll surround Acoustic damped chamber Ferro fluid cooled high power Plastic fascia. Metal grille.

Re	6Ω
Sens.	92dB
Fs	1000Hz
Freq.	1Khz-20KHz
Power	25Wrms 50Wp
Code	HTW25



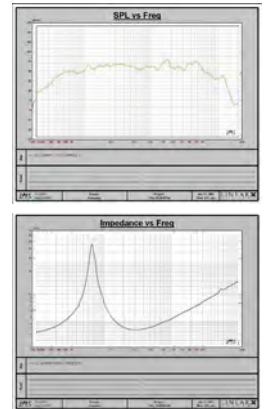


4" WOOFER

ALLOY FRAME & HIGH POWER

Aerodynamic Aluminium basket
Polypropylene cone & cap Santropene
rubber surround 1" Aluminium voice
coil Open voice coil ventilation
Ventilated centre pole piece

Fs	70Hz
Re	6.2Ω (8Ω)
SPL	86dB
Qms	18.61
Qes	0.380
Qts	0.373
Vas	2.189L
Power	40Wrms/80Wmax
Code	AW4-30



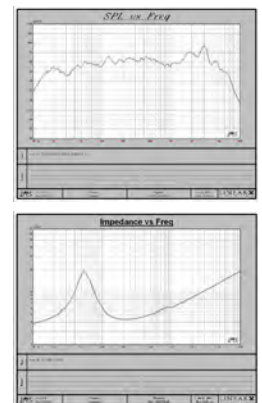
6 1/2" WOOFER

ALLOY FRAME & HIGH POWER

Super-strong Aluminium basket Optimised doped paper pulp cone
Santropene rubber surround 32mm Aluminium voice coil Open
voice coil low compression Ventilated & extended pole piece

4 OHM

Fs	48.5Hz
Re	3.8Ω
SPL	86.9dB
Qms	2.089
Qes	0.558
Vas	15.6L
Power	70Wrms/140Wmax
Code	W6S-50



8 OHM

Fs	48.5Hz
Re	7.6Ω
SPL	86.9dB
Qms	2.089
Qes	0.558
Vas	15.6L
Power	70Wrms/140Wmax
Code	W6S-52

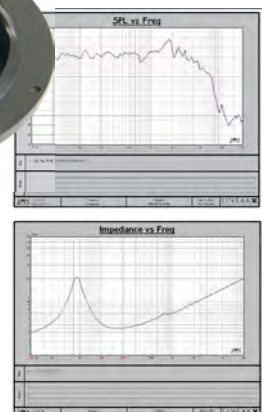
8" WOOFER

ALLOY FRAME & HIGH POWER

Super-strong Aluminium basket Optimised doped paper pulp cone
Santropene rubber surround 32mm Aluminium voice coil Open voice
coil low compression Ventilated & extended pole piece

4 OHM

Fs	43.0Hz
Re	3.80Ω
SPL	87.5dB
Qms	2.551
Qes	0.673
Vas	31.01L
Power	70Wrms/140Wmax
Code	W8S-50



8 OHM

Fs	43.0Hz
Re	7.60Ω
SPL	87.5dB
Qms	2.551
Qes	0.673
Vas	31.01L
Power	70Wrms/140Wmax
Code	W8S-52

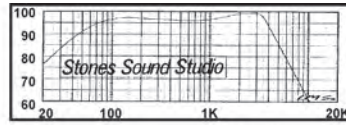


↓ Speaker Instrumental Guitar & PA

INSTRUMENTAL 8" 100W

Heavy Duty Dai-1chi Speaker. Large gauge design Accordion/doped cloth surround Reinforced cellulose fibre cone.

Z	8Ω (6.1Ωdc)
Freq.	65→4KHz (±3dB)
Fo	95Hz
Sens.	90dB
Mag.	20 Oz
Voice	32mm
Power	200Wmax
Qms	6.55
Qes	1.48
Qts	1.21
Vas	10.2L
Code	IS8000



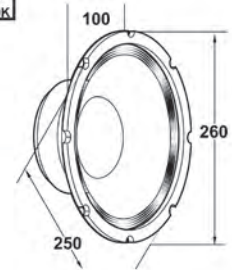
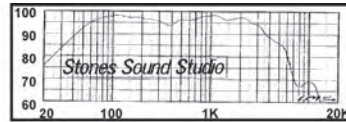
ROADIE APPROVED



INSTRUMENTAL 10" 200W

Heavy Duty Dai-1chi Speaker. Large gauge design Accordion/doped cloth surround Reinforced cellulose fibre cone.

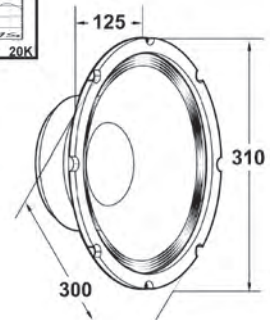
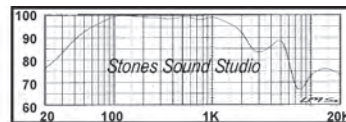
Z	8Ω (5.7Ωdc)
Freq.	33→5KHz
Fo	63Hz
Sens.	94dB
Mag.	30 Oz
Voice	32mm
Power	400Wmax
Qms	4.34
Qes	0.79
Qts	0.67
Vas	50L
Code	IS10000



INSTRUMENTAL 12" 250W

Heavy Duty Dai-1chi Speaker. Large gauge design Accordion/doped cloth surround Reinforced cellulose fibre cone.

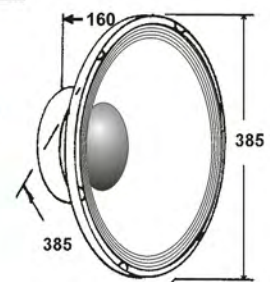
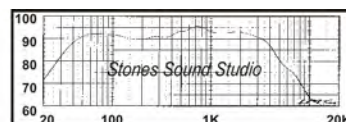
Z	8Ω (5.7Ωdc)
Freq.	32→5KHz
Fo	55Hz
Sens.	95dB
Mag.	50 Oz
Voice	32mm
Power	250W/500W
Qms	5.15
Qes	0.74
Qts	0.65
Vas	88.1L
Code	IS12000



INSTRUMENTAL 15"

Heavy Duty Dai-1chi Speaker. Strengthened suspension long throw system for the rugged use in PA sound reinforcement.

Z	8Ω (7.2Ωdc)
Freq.	33→4KHz
Fo	45Hz
Sens.	95dB
Mag.	50 Oz
Voice	50mm
Power	150W nom.
Qms	3.18
Qes	0.83
Qts	0.65
Vas	207.75L
Code	IS15-150



06 SPEAKERS



↓ Speaker Instrumental Horn Tweeters

SPEAKER BOX 10" PROFESSIONAL PA

2-WAY PORTABLE SPEAKER
 Sound reinforcement for voice or instruments, etc. Designed for transporting. Built-in Tweeter Horn Flare. Long throw applications. Heavy Duty. Reinforced. Professional "Speakon" Input Socket (See Section 7). 250Wrms (500Wmax) 95dB 90Hz→20KHz 8Ω 360x270x500mm

Code
 PRO10L



Details Page 6-35

10" HORN KIT 265x110mm

Uses a replaceable CTS horn driver attached to an exponential fibre-glass plastic horn. Standard 13/8 thread. Suit high F sound.

AS A KIT

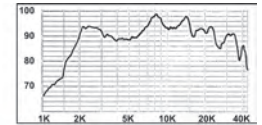
Code
 PZK5142

10" HORN ONLY

Code
 KSN1151

2K DRIVER ONLY

SPL 93dB/M
 Power 400Wrms
 Freq. 2K→20KHz
 Code KSN1142



10" MID-RANGE HORN KIT

As HTK10 but with the CTS midrange type horn driver (KSN1188). This driver can be used as a midrange driver (requires x-over) or Mid-High (No x-over).

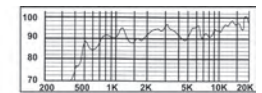
Code
 PZK5188

10" HORN ONLY

Code
 KSN1151

800Hz DRIVER ONLY

Power 100Wrms
 Freq. 800→20KHz
 SPL 93dB/M
 Code KSN1188



DOME HORN TWEETER

NOT A PIEZO!
 Conventional coil formers. Ferro fluid cooled for power. Aluminium Dome. HiFi sound. Exponential horn loads it for long throw PA & large rooms. Not as robust as a Piezo but not as harsh a sound.

100MM ROUND HORN
 6Ω 1K-20KHz 92dB 25Wmax

Code
 HTW25

180MM WIDE HORN
 88dB 1K→12KHz
 8Ω 80Wmax

Code
 HT115



BULLET HORN TWEETER

COPY OF CTS-MOTOROLA
 Piezo horn tweeter for long throw PA sound Highly efficient 92dB Suit PA, use with IS1200, IS15-150, etc.

Power 100W+
 Freq. 2K→25KHz+
 Sens. 92dB
 Code HT100A

Replacement horn driver for the popular KSN1005 (NLA). Piezo element high power So No Crossover Required



15" HORN KIT 380x130mm

As HTK10 but with the very large wide angle dispersion horn (15"). Ideal for use with a 15" speaker bin, etc. Virtually indestructible PTC thermal protected.

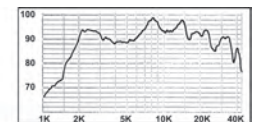
Code
 PZK9642

15" HORN ONLY

Code
 KSN1196

2KHz DRIVER ONLY

SPL 93dB/M
 Power 400Wrms
 Freq. 2K→20KHz
 Code KSN1142



15" MID-RANGE HORN KIT

As HTK15 but with the mid-high driver (KSN1188). Powerline indestruct ble. Fill any sized room with smooth mid or mid-high sound reinforcement. As used by professionals.

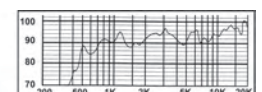
Code
 PZK9688

15" HORN ONLY

Code
 KSN1196

800Hz DRIVER ONLY

Power 100Wrms
 Freq. 800→20KHz
 SPL 93dB/M
 Code KSN1188





↓ Speaker Drivers Audiophile Fountek Ribbon Tweeters

FOUNTEK RIBBON TRANSDUCERS - SOLD IN MATCHED PAIRS

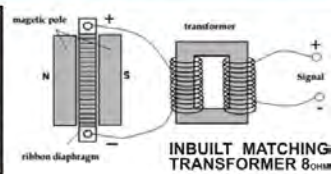
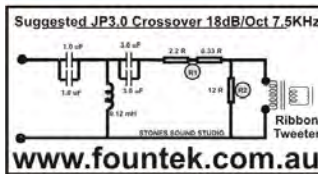
Fundamental physics support the ribbon as an ideal type of transducer. A thin, light metal ribbon is suspended in a powerful magnetic field. The signal current passes directly through this ribbon effecting the field thus the electromagnetic circuit has complete control over ribbons motion. The ribbon itself projects the sound faithfully and instantaneously. Every part of the ribbon is driven directly and simultaneously without any energy storage or mechanical restriction or material influences, so the output sound will always perfectly replicate the input signal. With maximum speed of transient response, start and stop is instantaneous. This maintains the leading edge of musical sounds and their harmonics. Extremely low intermodulation and harmonic distortion due to low mass. Capable of the highest efficiency known in direct radiator transducers. Extremely wide, flat frequency response (1KHz through to 100KHz.) A flat impedance in usable frequency range for easy to design X-over CCTs. For the purists who want a genuine 9µM ribbon we stock the original JP3.0 The Neo Series uses new technology with its 20µM Enforced Sandwich Ribbon. with extra strength & reliability, no oxidation, & controlled dampening.

WARNING! The aluminium element is very thin and thus quite vulnerable. To avoid damage, great care is advised and proper installation essential. Do NOT connect any DC source, a battery or a multimeter to the tweeter. Amplifiers have a DC offset that can damage, particularly at switch-on. So if you are using a pre-amp type crossover, DO NOT directly connect tweeter to an amplifier with out a DC blocking capacitor or LP crossover. Recommended crossover circuit designs are available free from our website. For more information, please visit: www.fountek.com.au



! INSTALLERS WARNING !

RIBBON TWEETERS ARE IMMEDIATELY DAMAGED BY DC ! DO NOT CONNECT DIRECTLY TO AN AMPLIFIER SOURCE WITHOUT A DC-BLOCKING HIGH-PASS CROSSOVER DAMAGE RESULTING FROM DC IS NOT COVERED BY WARRANTY ITEMS PURCHASED AT CUSTOMER RISK. EXPERIENCE REQUIRED Visit www.fountek.com.au for further information.



FOUNTEK JP3.0 RIBBON TWEETERS - SOLD IN MATCHED PAIRS

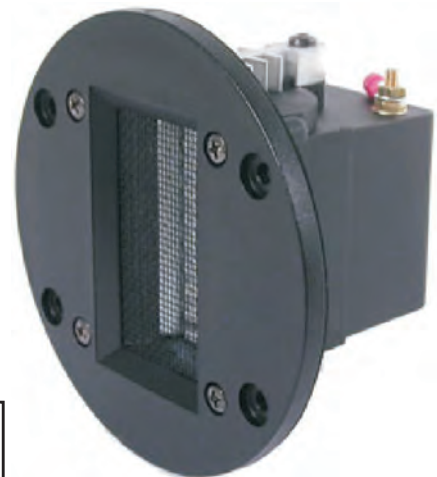
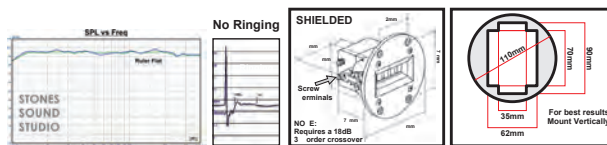
110mm ROUND TRADITIONAL AUDIOPHILE RIBBON IN MATCHED PAIRS

Experiencing the best smooth, tight and detailed sound is now affordable. Extremely thin Pure Aluminum 0.009mm Traditional Ribbon Diaphragm. Incredibly flat impedance for easy crossover design & driver matching. Highest degree of signal fidelity with very broad frequency response. Very competitively priced for this level of refined audio technology. Upgrade to the ultra high frequency response of todays audio equipment! SSS recommends a crossover f of 4.5KHz (2.5KHz min) with -18dB filter. Ribbon material is Pure Aluminium, mass 11mg, 8x66x0.009mm 528mm² Impedance 7 Ohm, DC 0.02 ohm [Beware!] Sensitivity 95dB 1.7KHz to 40KHz and above Resonance frequency is 220Hz Power handling 14W Normal, 40W Max

SOLD IN MATCHED PAIRS

Code

JP30



DATA SHEETS www.fountek.com.au

FOUNTEK NeoCD3.0 RIBBON TWEETERS - SOLD IN MATCHED PAIRS

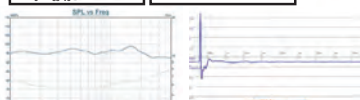
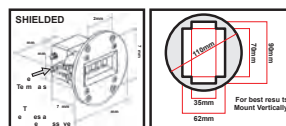
110mm ROUND AUDIOPHILE TWEETER MATCHED PAIR

New improved technology in an alloy polycarbonate sandwich ribbon material high degree of signal fidelity, efficiency and a broad frequency response. Neodymium 0.6T magnet. Inbuilt precision impedance matching transformer. Manufacturers Recommended Crossover Frequency is 2.5KHz / 2nd-Order. However, a higher crossover frequency will yield better power handling. Recommended (SSS) 3.8KHz with 3rd-Order (-18dB) crossover. Ribbon material Enforced Sandwich Composite of Alloy and polycarbonate. Ribbon mass 18mg, 8mm X 60mm X 0.02mm 480mm² Impedance 7 Ohm, DCR 0.02 Ohm [BEWARE!] Sensitivity 95dB 1.4KHz to 40KHz and above Resonance frequency 400Hz Power 17W Normal, 40W Max

SOLD IN MATCHED PAIRS

Code

NEOCD30



110mm Diameter



FOUNTEK JP2.0 RIBBON TWEETERS - SOLD IN MATCHED PAIRS

5" ULTRA-THIN VERTICAL RIBBON TWEETER MATCHED-PAIR

This is a vertical, double height version of the traditional JP3.0 unit Super-Thin 0.009mm aluminium strip in a double height optioned package. Super-strong Neodymium offers extra efficiency and linear field density. Extremely thin diaphragm for maximising signal fidelity and extra response Low distortion factor, good power-handling capabilities, flat impedance. High linear impedance and amplitude response over a very broad range. Attractive silver rough-finish aluminium face plate with rubber grommet. Quality polycarbonate package with low stray flux for close to TV use. Recommended minimum crossover frequency is 2KHz 3rd Order (-18dB) Higher crossover frequency will give higher system total power handling Ribbon mass 25mg, 960mm² 8x120x0.009mm Super strong 0.6 Tesla Neodymium magnet Impedance 7 Ohm, DC 0.02 ohm [Beware!]

Sensitivity 98dB

1.4KHz to 40KHz and above
Resonance frequency 440Hz

Power 17W Normal, 40W

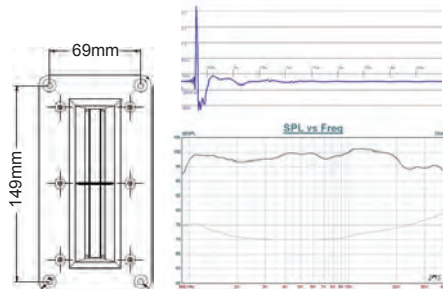
Max Fascia 150x70mm Silver

Ultra-thin aluminium

5" (120mm) Ribbon Pair:

SOLD IN MATCHED PAIRS

Colour	Code
Silver	JP2.0SL
Black	JP2.0BK



FOUNTEK NeoCD2.0 RIBBON TWEETERS - SOLD IN MATCHED PAIRS

5" POLYCARBONATE VERTICAL RIBBON TWEETER MATCHED-PAIR

This is a vertical, double height version of the popular Neo3.0 Ribbon. Utilising the same special aluminium in a double height optioned package. Super-strong Neodymium offers extra efficiency and linear field density. Reinforced sandwich diaphragm reduces resonance & improves power. Low distortion factor, good power-handling capabilities, flat impedance. High linear impedance and amplitude response over a very broad range. Attractive silver rough-finish aluminium face plate with rubber grommet. Quality polycarbonate package with low stray flux for close to TV use. Minimum crossover frequency is at least 2.5KHz 3rd Order (-18dB) Higher crossover frequency will give higher system total power handling and/or will allow gentler slope (but must be at least -24dB @ 1.4KHz)

Ribbon diaphragm 34mg, (960mm²) 8mm X 120mm X 0.02mm Super strong

0.6 Tesla Neodymium magnet Impedance 7 Ohm, DC 0.02 ohm [Beware!]

Sensitivity 98dB

1.4KHz to 40KHz and above

Resonance frequency 300Hz

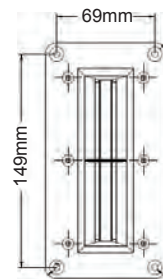
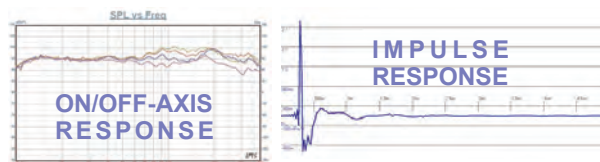
Power 20W Normal, 60W Max

Fascia 85x165mm Silver

5" (120mm) Ribbon Tweeter pair:

SOLD IN MATCHED PAIRS

Code
NEOCD2.0



FOUNTEK Neo-Pro5i RIBBON TWEETERS - SOLD IN MATCHED PAIRS

6" OVER-SIZED HIGH-POWER PROFESSIONAL RIBBON TWEETER PAIR

This elite Ribbon is a master among tweeters with a superior performance suiting Audiophile Class-A Valve to High-Power professional installations. Enjoy the best in audio at home, in the studio or at the cinema! Choice.

Efficiency makes this tweeter suitable for multi-driver arrays or valve Excellent dispersion pattern suits many environments from small to large Stones Sound Studio recommend a crossover of 1050Hz 3rd Order (-18dB). Ribbon material is a long-life alloy carbonate enforced sandwich material. Ribbon mass 88mg, 2175mm² 15x145x0.02mm Super strong 1 Tesla Neodymium magnet Impedance 7 Ohm, DC 0.02 ohm [Beware!]

Sensitivity 102dB
1.5KHz to 40KHz and above
Resonance frequency 400Hz
Crossover 1KHz -18dB/Oct
Power 60W Normal
Peak 120W Max
Plate 190x115mm
Hole 170x85mm

SOLD IN MATCHED PAIRS

Sensitivity 102dB

1.5KHz to 40KHz and above

Resonance frequency 400Hz

Crossover 1KHz -18dB/Oct

Power 60W Normal

Peak 120W Max

Plate 190x115mm

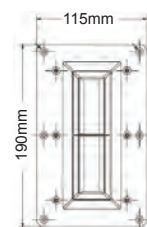
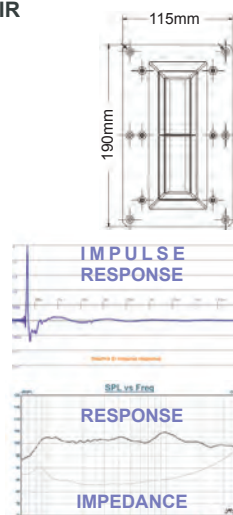
Hole 170x85mm

SOLD IN MATCHED PAIRS

Code
NEOPRO5i



SOLD IN PAIRS



www.fountek.com.au





→ Speaker Drivers Audiophile

↓ SB Acoustics

SB ACOUSTICS PREMIUM GRADE SPEAKER DRIVERS

www.sbacoustics.com

Build from the foundation of a company with decade of manufacturing experience and partnered with an engineering group touted for their revolutionary designs in the advancement of modern audio transducers.

SB Acoustics was formed to bring an alternative to the hi-end market. Marrying the design talents of Danesian Audio (Denmark), a company filled with industry veterans, responsible for many well known and revolutionary designs, and manufacturing partner Sinar Baja Electric (Indonesia), a vertically integrated company with more than 27 years of excellent speaker driver transducer manufacturing experience.

We feel we have been able to create an affordable line of products, without compromising acoustic performance for cost.

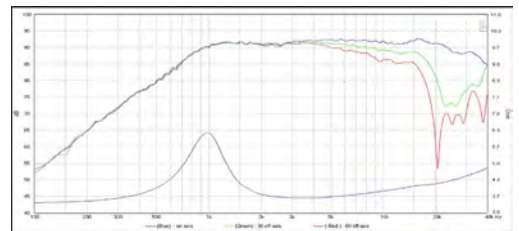
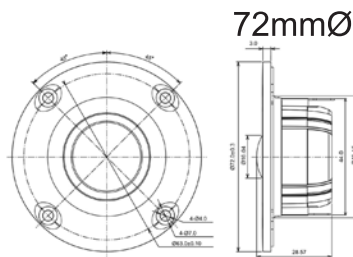
Ultimately, we invite you to judge.

SB ACOUSTIC NEODYMIUM MAGNET TWEETER

NEODYMIUM MAGNET

Scandinavian textile dome Copper cap low distortion No ferrofluid high transience Tuned low resonance cavity Customizable front plate Low free air resonance

Impedance	4 ohm
Fs	950 HZ
Sens.	92 db
Power	120 W System
Qms	1.8
Qes	2
Qts	0.9
Code	SB26STCN-C000-4

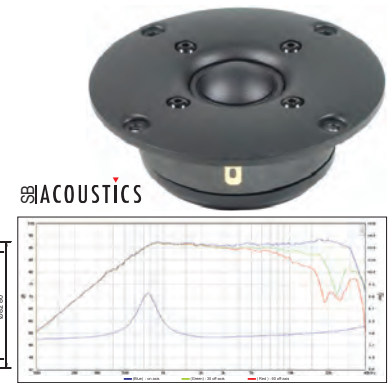
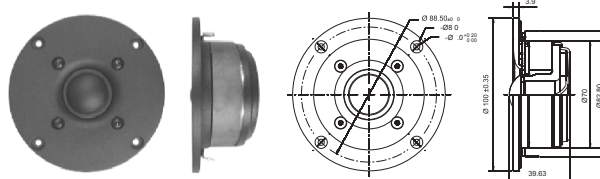


SB ACOUSTICS 1" TEXTILE DOME TWEETER

Optimized smooth inner-edge polymer face plate. Soft 25mm textile dome Copper pole shorting ring. Pole piece diffuser chamber with venting. No ferro fluid for higher transient response. Gold plated terminals. Smooth frequency response for easy control and driver matching/pairing. Frequency range 1500Hz to 23kHz with Very good off axis response

*Power is 120W system power via butterworth 12dB/oct at 2500Hz

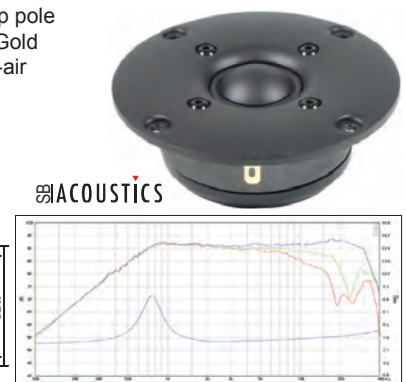
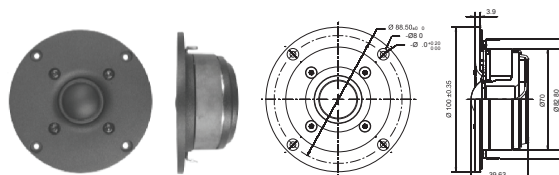
Impedance	4Ω Nom.
Re	3.2Ω
Le	0.04mH
Fs	750Hz
Sens.	91dB
Power	120W System
Qms	2.5
Qes	1.7
Qts	1.0
Code	SB26STC-C000-4



SB ACOUSTICS 1" TEXTILE DOME TWEETER

Optimized smooth inner edge polymer face plate. Soft 25mm Scandinavian textile dome. Copper cap pole shorting ring. Pole piece diffuser chamber with venting. No ferro fluid for higher transient response. Gold plated terminals. Smooth frequency response for easy control and driver matching/pairing. Low free-air resonance for better crossover matching.

Impedance	4 Ω
Re	3.2Ω
Le	0.04 mH
Fs	750 Hz
Sens.	91 dB
Power	120W System
Qms	2.5
Qes	1.7
Qts	1.0
Code	SB26STACC0004





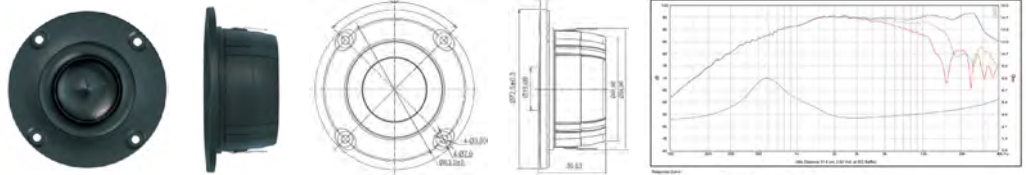
SB ACOUSTICS RING DOME TWEETER COMPACT

NEODYMIUM MAGNET

Compact motor system with smaller face plate enhancing location options. Anchored dome dual-concentric ring radiator. Dual chamber. Ventilated pole Copper cap for reduced inductions. Low resonant frequency. Smooth response Natural sound. High sensitivity. High power. Excellent quality to cost.

www.stonessoundstudio.com.au comments: Excellent sound quality, wide off-axis response, enables wide sound stage imaging, low distortion and low Fs resonance. No ferro fluid. Good for 2 way with 6dB cross-over SSS

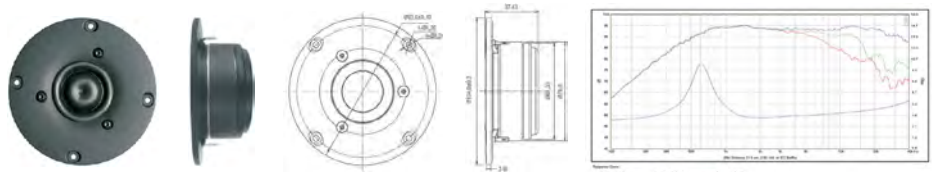
Re	3.0Ω (4ΩNom) 0.05mH
Fs	600Hz
Sens.	94dB
Qms	0.9
Qes	0.54
Qts	0.34
Power	100W System
Code	SB29RDNC-C0004



SB ACOUSTICS RING DOME TWEETER

This tweeter features a proprietary fabric ring dome & large roll surround Unique in that the centre of the dome is stabilized by an internal anchor much like the Vifa & Scan-Speak dual concentric, but without phase plug greatly reducing distortion and brings the acoustic centre of the tweeter back to the voice coil, with the added benefit of increased sensitivity. The tweeter has a chambered back designed to provide a lower resonance frequency and reduce back wave reflections from the domes large surface. A copper cap is used on the pole piece benefitting electrical properties.

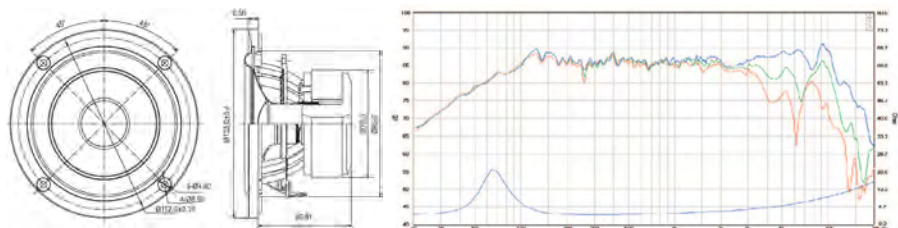
Re	3.0Ω (4ΩNom) 0.05mH
Fs	600Hz
Sens.	93dB
Qms	2.2
Qes	0.9
Qts	0.65
Power	100W System
Code	SB29RDC-C0004



SB ACOUSTICS 4" MID RANGE WOOFER

Newly developed Norecx Non-resonant poly-coated Papyrus fibre cone Low damping foam surround with high exertion and resilience Open structure cast frame for reduced reflections and compression Aluminium alloy for light weight, non-magnetic and extra rigidity Shorting Copper cap on pole piece. Non-inductive 30mm coil former

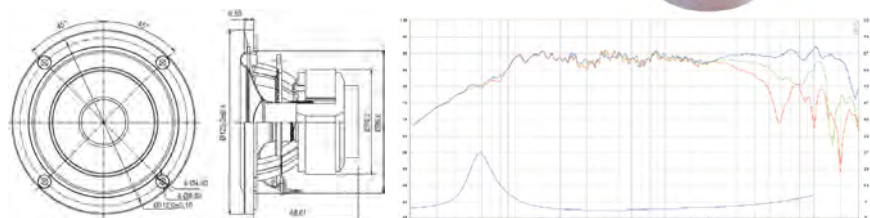
Impedance	4Ω Nom. (Re 3.1Ω)
Le	0.27mH
Sd	50cm ²
Fs	61Hz
Sens.	87dB
Power	30Wrms
Qms	5.3
Qes	0.53
Qts	0.48
Vas	4.1L
Code	SB12NRXF25-4



SB ACOUSTIC 4" MID RANGE WOOFER

High-resolution midrange and/or mid-woofer driver with Double magnet for low stray flux and improvements to electrical specifications. Norecx Non-resonant poly-coated Papyrus fibre cone. Low damping foam surround with high exertion and resilience. Open structure cast frame for reduced reflections and compression. Aluminium alloy for light weight, non-magnetic and extra rigidity Shorting Copper cap on pole piece.

Impedance	4 Ω
Le	0.14 mH
Sd	50.3 cm ²
Fs	58 Hz
Sens.	88.50 dB
Power	30 Wrms
Qms	3.4
Qes	0.40
Qts	0.36
Vas	5.5 L
Code	SB12MNX254

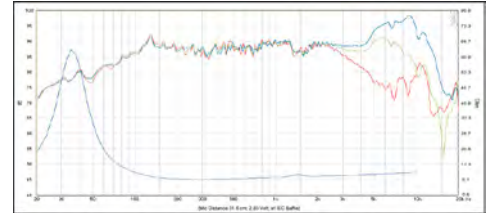
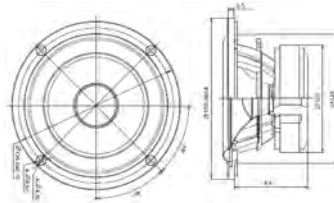




SB ACOUSTICS 5" MID-BASS

Newly developed Norecx Non-resonant poly-coated Papyrus fibre cone Low damping SBR rubber surround with high exertion and resilience Open structure cast frame for reduced reflections and compression Aluminium alloy for light weight, non-magnetic and extra rigidity Shorting Copper cap on pole piece. Non-inductive 30mm coil former. Suggested Alignments: Sealed box of 4 litres for an F3 of 100Hz. Vented box 10L for an F3 of 55Hz with a 5cm diameter vent by 15cm

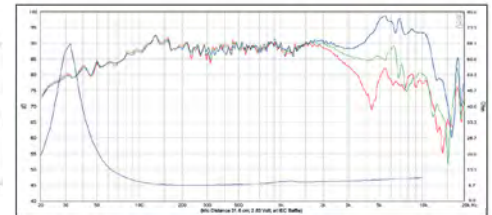
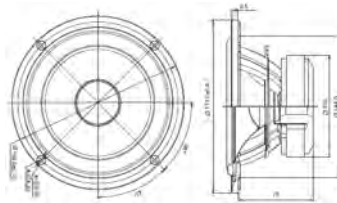
Impedance	8Ω Nom. (Re 5.7Ω)
Fs	38Hz
Sens.	88dB
Power	50Wrms
Qms	4.8
Qes	0.35
Qts	0.33
Vas	20.7L
Code	SB15NRXC30-8



SB ACOUSTICS 6" MID-BASS 8Ω

Newly developed Norecx Non-resonant poly-coated Papyrus fibre cone Low damping SBR rubber surround with high exertion and resilience Open structure cast frame for reduced reflections and compression Aluminium alloy for light weight, non-magnetic and extra rigidity Shorting Copper cap on pole piece. Non-inductive 30mm coil former Suggested Alignments: Sealed box of 8 litres for an F3 of 77Hz. Vented box 17L for an F3 of 50Hz with a 5cm diameter vent by 20cm.

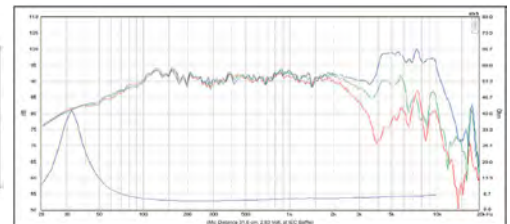
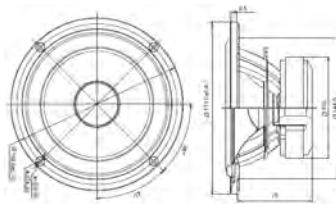
Impedance	8Ω Nom. (Re 5.7Ω)
Fs	32Hz
Sens.	89dB
Power	60Wrms
Qms	5.0
Qes	0.36
Qts	0.34
Vas	44.5L
Code	SB17NRXC35-8



SB ACOUSTICS 6" MID-BASS 4Ω

Newly developed Norecx Non-resonant poly-coated Papyrus fibre cone Low damping SBR rubber surround with high exertion and resilience Open structure cast frame for reduced reflections and compression Aluminium alloy for light weight, non-magnetic and extra rigidity Shorting Copper cap on pole piece. Non-inductive 30mm coil former Suggested Alignments: Sealed box of 8 litres for an F3 of 77Hz. Vented box 14L for an F3 of 55Hz with a 5cm diameter vent by 15cm.

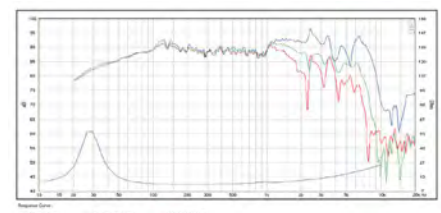
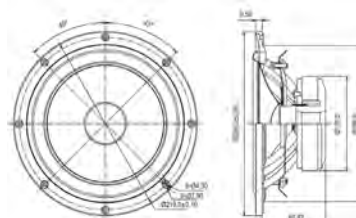
Impedance	4Ω Nom. (Re 3.1Ω)
Fs	35Hz
Sens.	92dB
Power	60Wrms
Qms	5.5
Qes	0.34
Qts	0.32
Vas	35.2L
Code	SB17NRXC35-4



SB ACOUSTICS 8" WOOFER

Newly developed Norecx Non-resonant poly-coated Papyrus fibre cone Low damping SBR rubber surround with high exertion and resilience. Open structure cast frame for reduced reflections and compression. Aluminium alloy for light weight, non-magnetic and extra rigidity. Shorting Copper cap on pole piece. Non-inductive 30mm coil former.

Impedance	8Ω Nom. (Re 5.6Ω)
Le	0.60mH
Fs	27Hz
Sd	216cm ²
Sens.	89dB
Power	60Wrms
Qms	5.4
Qes	0.41
Qts	0.38
Vas	94.0L
Code	SB23NRXS45-8

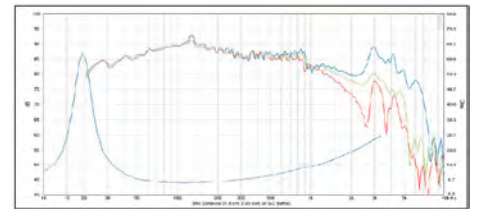
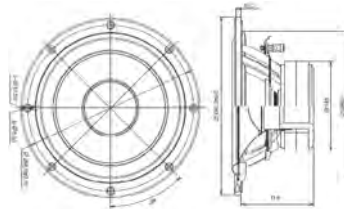




SB ACOUSTICS 10" WOOFER

Hard Paper proprietary cone materials made in-house for consistency Low damping SBR rubber surround with high exertion and resilience. Open structure cast frame for reduced reflections and compression Aluminium alloy for light weight, non-magnetic and extra rigidity. Shorting Copper cap on pole piece. Non-inductive 75mm coil former. Suggested Alignments: Sealed box of 20 litres for an F3 of 48Hz. Vented box 55L for an F3 of 28Hz with a 5cm diameter vent by 30cm.

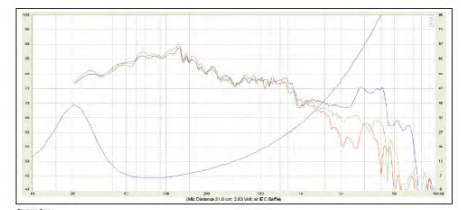
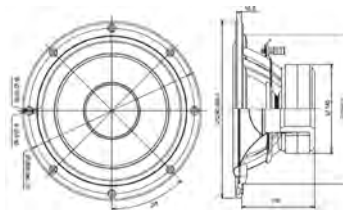
Impedance	6Ω Nom. (Re 4.2Ω)
Fs	21Hz
Sens.	88dB
Power	200Wrms
Qms	5.7
Qes	0.38
Qts	0.35
Vas	102L
Code	SB29NRX75-6



SB ACOUSTIC 10" WOOFER

Hard Paper proprietary cone materials made in-house for consistency Low damping SBR rubber surround with high exertion and resilience. Open structure cast frame for reduced reflections and compression Aluminium alloy for light weight, non-magnetic and extra rigidity. Shorting Copper cap on pole piece. Non-inductive 75.6mm coil former.

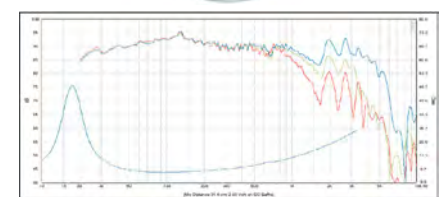
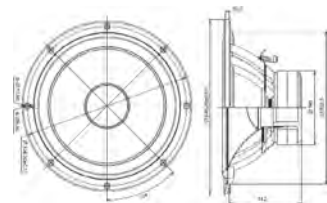
Impedance	6 Ω
Fs	20 Hz
Sens.	86 dB
Power	200Wrms
Qms	6.7
Qes	0.33
Qts	0.31
Vas	66 L
Code	SB29SWNRXS756



SB ACOUSTICS 12" WOOFER

Hard Paper proprietary cone materials made in-house for consistency Low damping SBR rubber surround with high exertion and resilience. Open structure cast frame for reduced reflections and compression Aluminium alloy for light weight, non-magnetic and extra rigidity. Shorting Copper cap on pole piece. Non-inductive 75mm coil former. Suggested Alignments: Sealed box of 75 litres for an F3 of 38Hz. Vented box 110L for an F3 of 27Hz with a 7.5cm diameter vent by 25cm

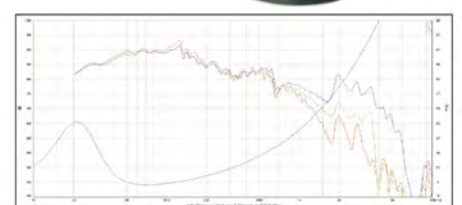
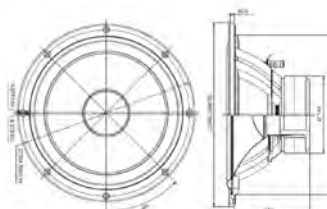
Impedance	6Ω Nom. (Re 4.2Ω)
Fs	19Hz
Sens.	90dB
Power	200Wrms
Qms	5.1
Qes	0.43
Qts	0.40
Vas	260L
Code	SB34NRX75-6



SB ACOUSTIC 12" WOOFER

Hard Paper proprietary cone materials made in-house for consistency Low damping SBR rubber surround with high exertion and resilience. Open structure cast frame for reduced reflections and compression Aluminium alloy for light weight, non-magnetic and extra rigidity. Shorting Copper cap on pole piece. Non-inductive 75.6mm coil former. 4 layer voice coil version. For use as subwoofer.

Impedance	6Ω Nom. (Re 4.5Ω)
Fs	18 Hz
Sens.	88 dB
Power	200Wrms
Qms	7.3
Qes	0.35
Qts	0.33
Vas	183 L
Code	SB34SWNRXS756



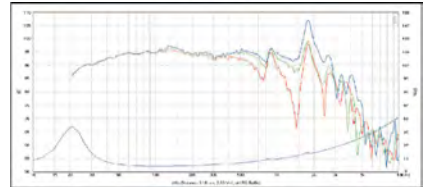
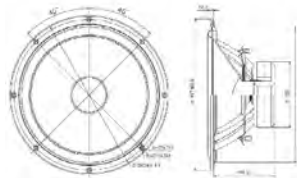


06 SPEAKERS

SB ACOUSTICS 15" WOOFER

Hard Paper proprietary cone materials made in-house for consistency Low damping SBR rubber surround with high exertion and resilience. Open structure cast frame for reduced reflections and compression Aluminium alloy for light weight, non-magnetic and extra rigidity. Shorting Copper cap on pole piece. Non-inductive 75mm coil former. Suggested Alignments: Sealed box of 85 litres for an F3 of 45Hz. Vented box 140L for an F3 of 32Hz with a 10cm diameter vent by 18cm

Impedance	6Ω Nom. (Re 4.6Ω)
Fs	22Hz
Sens.	93dB
Power	300Wrms
Qms	7.0
Qes	0.40
Qts	0.38
Vas	331L
Code	SB42FHC75-6

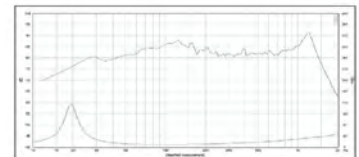


SB-ACOUSTICS 10" ALUMINIUM SHALLOW SUB WOOFER 8Ω

NARROW CABINET SOLUTION

Very shallow design of only 3" allows installation in unique enclosures Automotive, wall cavities, low-profile home audio for easily hidden box Dual-mirrored aluminium motor design for a rigid strength high dB cone Long-throw high exersion suspension built around a cast aluminium frame Extra large 3" aluminium voice coil converts large amounts of power.

Impedance	8Ω Nom (Re 6.4Ω)
Fs	20Hz
Sens.	84dB
Power	250Wrms
Coil	30x75mmØ
Qms	9.47
Qes	0.28
Qts	0.27
Vas	45.84L
Code	SW26DAC76-8

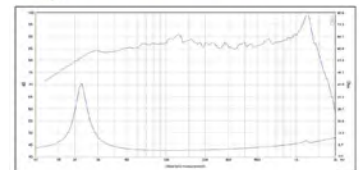


SB-ACOUSTICS 10" ALUMINIUM SHALLOW SUB WOOFER 4Ω

NARROW CABINET SOLUTION

www.stonessoundstudio.com.au comments: Recommended for small to medium subwoofer enclosures, Fast alloy cone for narrow profile situations. Note: Low efficiency requires a very large power amp to run it. SSS. Dual-mirrored aluminium motor design for a rigid strength high dB cone. Extra large 3" aluminium voice coil converts large amounts of power.

Impedance	4Ω (Re 3.2Ω)
Fs	22Hz
Sens.	82dB
Power	200Wrms
Coil	30x75mmØ
Qms	7.0
Qes	0.5
Qts	0.4
Vas	45.3L
Code	SW26DAC76-4



SB-ACOUSTICS SATORI SERIES

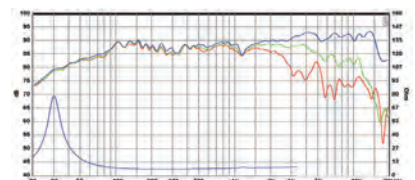
6.5" MID-WOOFER NEODYMIUM

From the high end arm of SB Acoustic comes a premium 6.5" woofer with Neodymium magnet an aerodynamic chassis and Papyrus reed cone. This unit features smooth frequency response and low inductance which allows minimal effort in network design.

Impedance	8Ω (Re 6.2Ω)
Fs	39Hz
Sens.	87.5dB
Power	60Wrms (IEC268-5)
Qms	4.5
Qes	0.35
Qts	0.33
Vas	48L
Code	MW16P



satori® STOP PRESS!



satori® MORE TO COME ! PLEASE ENQUIRE

06 SPEAKERS



↓ Scan-Speak

ILLUMINATOR

“TO MAKE LUCID OR CLEAR, TO ENLIGHTEN, MAKE RESPLENDENT OR ILLUSTRIOUS”...

Scan-Speak transducers have righteously been called “the best that money can buy”, and with good reason. All Scan-Speak speaker transducers are hand-built with the utmost attention to quality at their core. Their prices reflect this, providing solutions targeted towards high-end audiophile applications. Needless to say, Scan-Speak is dedicated to proving an unwavering high-quality in manufacturing with ISO 2000-9001 quality assurance. All Scan-Speak drivers are hand crafted in Videbaek, Denmark since 1970.

Please note that some VIFA & Peerless drivers are now manufactured by ScanSpeak in Denmark.

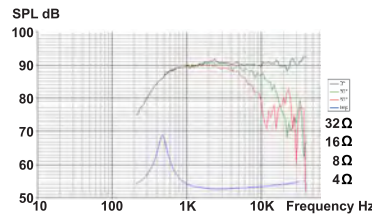


SCAN-SPEAK 1” RING RADIATOR 3004 SERIES

ILLUMINATOR RING RADIATOR

The large-roll surround and textile dome ring radiator provides a flat frequency response to above 30KHz with outstanding off-axis dispersion. The face plates are die cast in aluminum for maximum mechanical stability. ScanSpeak’s unique AirCirc Magnet System six separate neodymium slugs. This, in combination with the chamber, results in the elimination of the reflections and resonances that compromise traditional motors. Rubber painted aluminium die casted faceplate, Silver

Impedance	3 0Ω (Re 4Ω)
Power	100Wnom
Sens.	90.4dB
Fs	520Hz
Sd	5.6cm ²
Le	0 03mH
Mms	0 3g
Code	R3004-662001

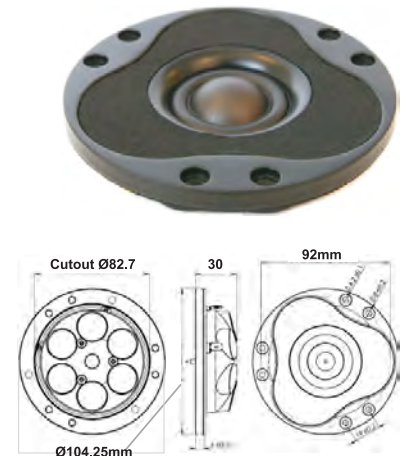
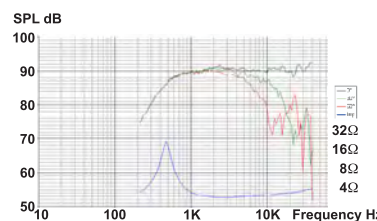


SCAN-SPEAK 1” DOME TWEETER 3004 SERIES

EXTENDED DISPERSION CHARACTERISTIC OF A SMALLER DOME

Unique AirCirc Magnet System, optimizes air flow within the chamber rearranges the traditional magnet structure from a single magnet to an open magnetic circuit comprised of six separate neodymium slugs. This, in combination with the chamber, results in the elimination of the reflections and resonances that compromise traditional motors. D3004 gives engineers improved control over critical midrange performance. Superb vocal rendition and excellent imaging at all listening locations.

Impedance	3.0Ω (Re 4Ω)
Power	90Wnom
Sens.	91.6dB
Fs	500Hz
Sd	7.0cm ²
Le	0.03mH
Coil	26mmØ
Mms	0.35g
Code	D3004-662000

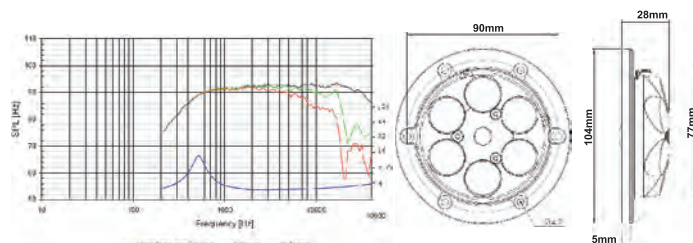


SCAN-SPEAK 1” DOME TWEETER 3004 SERIES

EXTENDED DISPERSION CHARACTERISTIC OF A SMALLER DOME

Unique AirCirc Magnet System, optimizes air flow within the chamber rearranges the traditional magnet structure from a single magnet to an open magnetic circuit comprised of six separate neodymium slugs. This, in combination with the chamber, results in the elimination of the reflections and resonances that compromise traditional motors. D3004 gives engineers improved control over critical midrange performance, Superb vocal rendition and excellent imaging at all listening locations.

Impedance	4Ω (Re 3.5Ω)
Power	90Wnom
Sens.	91.6dB
Fs	500Hz
Sd	7 0cm ²
Le	0 03mH
Coil	26mmØ
Mms	0 35g
Code	D3004-660000



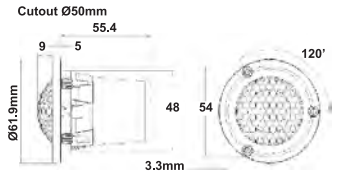
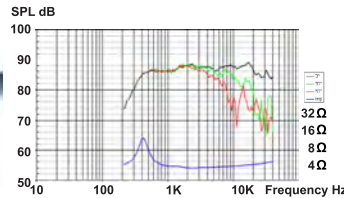


SCAN-SPEAK 1" RING RADIATOR 3004 SERIES

ILLUMINATOR - DEEP CHAMBER

The face plates are die cast in aluminum for a beautiful modern look and maximum mechanical stability. Optimized to offer a small package that can fit into tight spaces such as compact cabinets & automotive trim. Protective grille. Ring neodymium magnet. Beautiful sound up to 40KHz. The back chamber is die cast in aluminium and designed with a contoured shape that functions as a heat sink in high power applications.

Impedance	3.0Ω (Re 4Ω)
Power	50Wnom 130Wmax
Sens.	87.4dB
Fs	420Hz
Sd	5.6cm ²
Le	0.02mH
Mms	0.35g
Code	R3004-602010

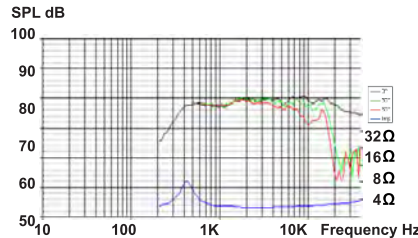


SCAN-SPEAK 1" DOME TWEETER 3004 SERIES

COMPACT 60mm FACIA - DEEP CHAMBER

The face plates are die cast in aluminum for a beautiful modern look and maximum mechanical stability. Optimized to offer a small package that can fit into tight spaces such as compact cabinets & automotive trim. Protective grille. Ring neodymium magnet. Deep chamber for lower resonance die cast in aluminium and designed with a contoured shape for heat sinking Exceptional monitor quality sound and all-round versatile tweeter package.

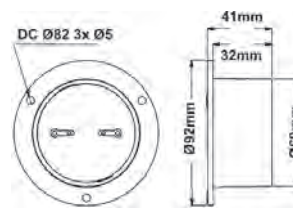
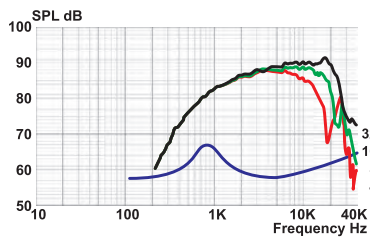
Impedance	3.0Ω (Re 4Ω)
Power	50Wnom 130Wmax
Sens.	89.6dB
Fs	425Hz
Sd	7.0cm ²
Le	0.02mH
Mms	0.35g
Code	D3004-602010



SCAN-SPEAK 3/4" DOME TWEETER D2008 SERIES

Textile diaphragm 3/4", hand coated. Ferro fluid cooled. Very smooth response and wide dispersion. High power handling. Optimized double chamber provides perfect tuning and damping. Acoustic damping of the diaphragm surround reduces distortion, stabilizes the acoustic centre for a high end sound that is a premium example of why Scan-Speak's reputation is so highly regarded.

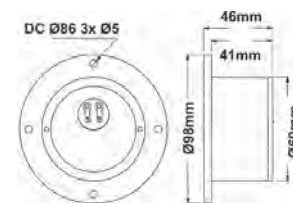
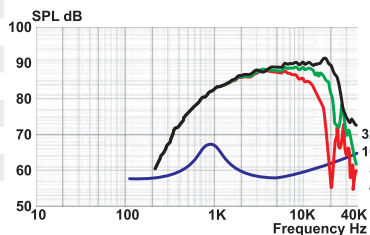
Impedance	8Ω (Re 5.7Ω)
Power	210Wmax 150Wrms
Sens.	90dB
Fs	800HZ
Sd	3.8cm
Le	0.07mH
Coil	19mm
Md	0.25g
Code	D2008-851200



SCAN-SPEAK 3/4" DOME TWEETER 2010 SERIES

Textile diaphragm 3/4", hand coated. Featuring a foam face plate. This reduces mechanical resonances, etc. Ferro fluid cooled. Very smooth response and wide dispersion. High power handling. Optimized double chamber provides perfect tuning and damping. Acoustic damping of the diaphragm surround reduces distortion. Sound reproduction is detailed and a very dynamic Scan-Speak.

Impedance	8Ω (Re 5.7Ω)
Power	210Wmax, 150Wrms
Sens.	90dB
Fs	800Hz
Sd	3.8cm
Le	0.07mH
Coil	19mm
BL	2.4Tm
Code	D2010-851300





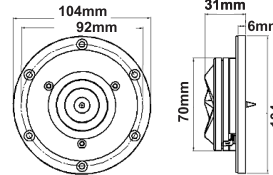
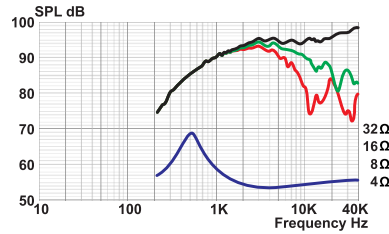
Dual Concentric Ring Radiator



SCAN-SPEAK 1" RING RADIATOR 2904 SERIES

Incredible bandwidth of over 80KHz giving unsurpassed phase and tonal characteristics with a warm sound that improves over even the ribbon. Innovative "SD-2" neodymium magnet motor system improves transient response. No ferro fluid. cooling is performed by a special designed venting system. Non-resonant chamber uses a needle to cut down on cavity air turbulence. Cast magnesium face plate and multiple chamber back. Attractive too. A culmination of Scan-Speak technologies and experience.

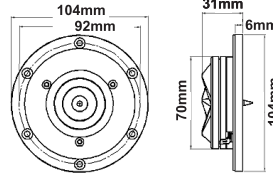
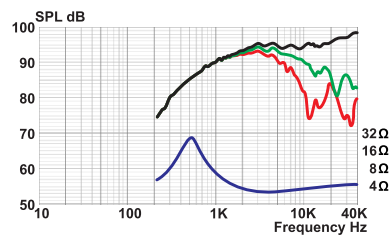
Impedance	4Ω (Re 3.0Ω)
Power	150W _{nom}
Sens.	94 5dB
Fs	520Hz
Sd	5.6cm ²
Le	0.01mH
Coil	25mmØ
Md	0.30g
Code	R2904-700000



SCAN-SPEAK 1" RING RADIATOR 2904 SERIES

Incorporates many innovative design concepts including neodymium magnets. The dome is attached to the phase plug, so the radiating area is now concentrated around the voice coil. This offers more control and reduces distortion and loss that occur at the centre of the dome on dome tweeters. The phase plug also acts as a wave guide, reducing high frequency modes. Better dynamics are achieved by not using ferro fluid, voice coil cooling is performed by the venting system and conduction through copper rings.

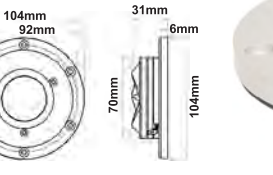
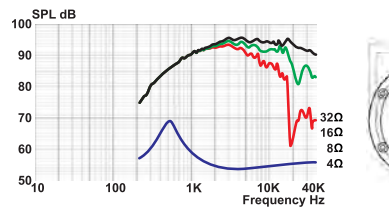
Impedance	4Ω (Re 3.0Ω)
Power	150W _{nom}
Sens.	94 5dB
Fs	520Hz
Sd	5.6cm ²
Le	0.01mH
Coil	25mmØ
Md	0.30g
Code	R2904-700009



SCAN-SPEAK 1" DOME TWEETER 2904 SERIES

Champaign coloured machined aluminium face plate with 6 anchor bolts. Newly updated and optimised, premium one piece textile dome transducer. Non-resonant multiple chamber, low compression, beautifully designed. "SD-2" Neodymium magnet symmetric drive motor system, shielded. Very low distortion at any volume. Impressive wide dispersion plate. 40KHz bandwidth shows excellent phase and transient response. Note the smooth roll-off low-end for easy crossover design.

Impedance	4Ω (Re 3.7Ω)
Power	90W _{rms} 150W _{max}
Sens.	94.4dB
Fs	520Hz
Sd	7.0cm ²
Le	0.01mH
Coil	26mmØ
Md	0.4g
Code	D2904-710000



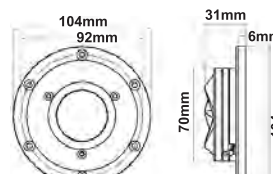
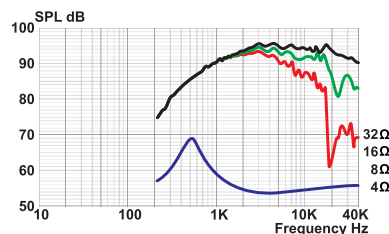
SCAN-SPEAK 1" DOME TWEETER 2904 SERIES

Black anodized machined aluminium Face Revelator Super-Tweeter Premium enhanced and optimised one piece textile dome transducer. Non-resonant multiple chamber, low compression, beautifully designed. "SD-2" Neodymium magnet symmetric drive motor system, shielded. Very low distortion at any volume. Impressive wide dispersion plate.

**SD-2 NEODYMIUM
NON-RESONANT
MULTI-CHAMBER
BACK CAVITY**



Impedance	4Ω (Re 3.0Ω)
Power	160W _{nom}
Sens.	94 5dB
Fs	520Hz
Sd	7.0cm ²
Le	0.01mH
Coil	25mmØ
Md	0.35g
Code	D2904-710001





THE REVELATOR

OVER-SIZED MACHINED ALUMINIUM FACIA

The Revelator series has for years been celebrated for producing the best sounding electro dynamic transducers in the world. Since ScanSpeak was founded in 1970, the audio engineers and R&D experts working on the line have been on a quest to create drivers that reveal all the sound in recordings, hiding nothing from the listener. This quest has resulted in several revolutionary inventions that remove distortion in the magnet systems and in the moving parts of the speaker. The philosophy is that the sound has to be very dynamic, giving a perfect transient response and providing tonal balance.

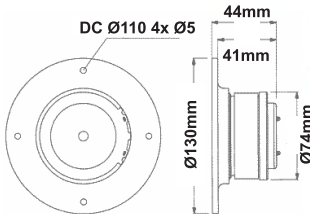
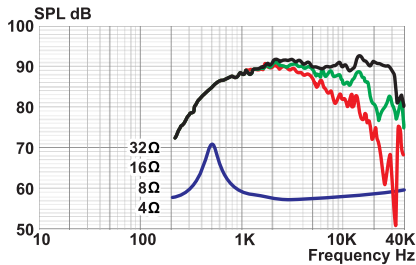
In the Revelator tweeters, additional enhancements have been made to reduce distortion and power compression, and to optimize airflow in the chambers, producing several unique tweeter designs.



SCAN-SPEAK 1" DOME TWEETER D2905 SERIES - THE REVELATOR

This is the famous classic Textile diaphragm 1" with the over-sized 5"130mm concave face plate made from machined aluminium. Gasket backed. Symmetric Drive Technology which involves a copper ring on the pole that extends past the voice coil, curving into the dome chamber. Double damped, optimized chambers, acoustically damped & anti-resonated. Flag-ship tweeter as used in many exceedingly exotic speaker systems.

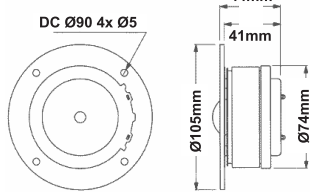
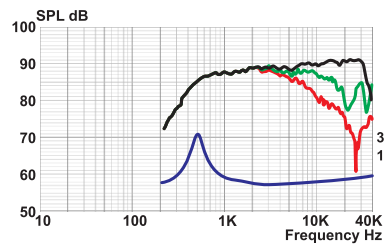
Impedance	8Ω (Re 4.7Ω)
Power	225Wrms
Sens.	91dB
Fs	500Hz
Sd	8.5cm
Le	0.01mH
Coil	28mm
BI	3.5Tm
Md	0.45g
Code	D2905-990000



SCAN-SPEAK 1" DOME TWEETER 2905 SERIES

Textile diaphragm 1" similar to the other D2905 series with the addition of Symmetric Drive Technology which almost eliminates electrical phase shift. Specially designed chamber under the cloth surround minimizes air noise and compression. Not ferro fluid damped. Anti-resonator-plug in the rear damping chamber eliminates turbulence. Attention to manufacturing detail produces Scan-Speak excellence.

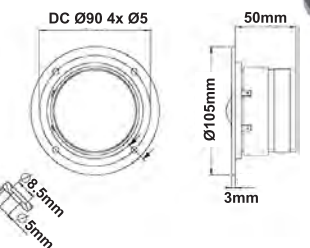
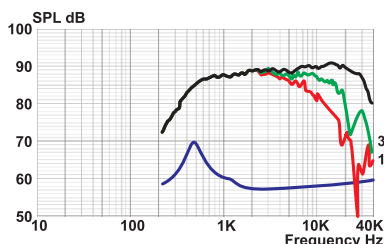
Impedance	8Ω (Re 4.7Ω)
Power	225Wrms
Sens.	89.5dB
Fs	500Hz
Sd	8.5cm
Le	0.01mH
Coil	28mm
BI	3.5Tm
Md	0.45g
Code	D2905-970000



SCAN-SPEAK 1" DOME TWEETER D2905 SHIELDED

This is a truly high-end textile dome tweeter featuring a magnet system that uses the Symmetric Drive Technology that almost eliminates electrical phase shift. The copper cap also acts as heat conductors so no ferro fluid is required for higher power handling. This improves micro dynamic linearity. Very smooth, slightly rising frequency response. A carefully designed chamber under the surround minimises air noise and compression.

Impedance	8Ω (Re 4.7Ω)
Power	225Wrms!
Sens.	90dB
Fs	500Hz
Sd	8.5cm
Le	0.01mH
Coil	28mm
BI	3.5Tm
Md	0.45g
Code	S2905-970000



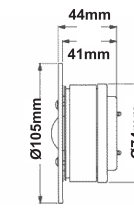
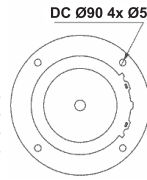
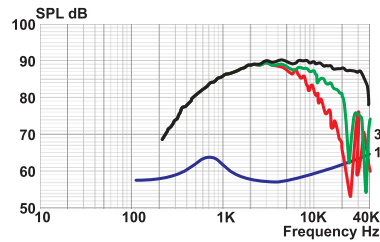
06 SPEAKERS



SCAN-SPEAK 1" DOME TWEETER D2905 SERIES

Textile diaphragm 1". The D2905 series tweeter is a reference grade speaker used in high-end audio and custom manufacturers. The dome is coated several times to obtain a unique combination of dynamic linearity and damping of resonances to produce an incredibly smooth, linear, dynamic, natural sound reproduction. Cast alloy face plate. Double chamber cavity. Scan-Speak Denmark.

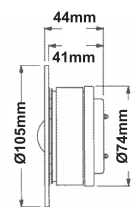
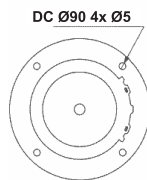
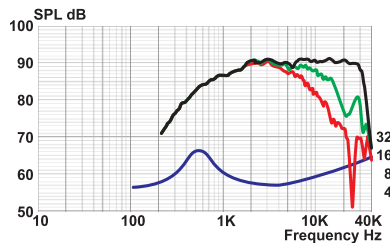
Impedance	8Ω (Re 4.7Ω)
Power	150Wrms
Sens.	90dB
Fs	650Hz
Sd	8.5cm
Le	0.08mH
Coil	28mm
Bl	3.5Tm
Md	0.45g
Code	D2905-930000



SCAN-SPEAK 1" DOME TWEETER D2905 SERIES

Textile diaphragm 1" with a smooth, detailed and very transparent sound and low levels of distortion. To achieve high resolution and better detail reproduction, a special coating material is used. This complicated coating process is done by hand several times to obtain a unique combination of dynamic linearity and low resonances. A light ferro-fluid is used for minimal micro-dynamic nonlinearities.

Impedance	8Ω (Re 4.7Ω)
Power	150Wrms
Sens.	90dB
Fs	550Hz
Sd	8.5cm
Le	0.08mH
Coil	28mm
Bl	3.5Tm
Md	0.45g
Code	D2905-950000

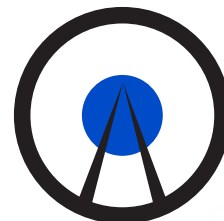
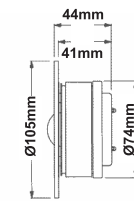
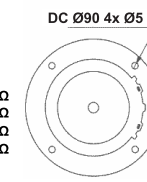
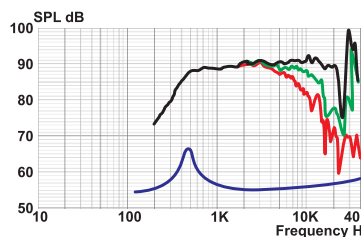


SCAN-SPEAK 1¼" DOME TWEETER 2904 SERIES

ALUMINIUM DOME WITH DIFFUSER CAP

Symmetric Drive technology that almost eliminates electrical phase shift. A carefully designed chamber & minimizes air noise and compression. The geometry of the light-weight aluminum dome causes the typical characteristic "break-up" peak to appear far beyond the audible range. A special diffuser is used to equalize the response in the upper octave. SD-2 motor Low compression Non-resonant chamber Revelator design. This premium tweeter is characterised by a very clean and open sound.

Impedance	4Ω (Re 3.5Ω)
Power	100Wnom
Sens.	90.0dB
Fs	500Hz
Sd	8.5cm
Coil	28mm
Lead	0.01mH
Mms	0.50g
Code	D2904-980000

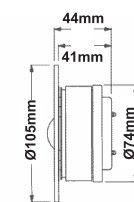
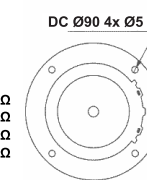
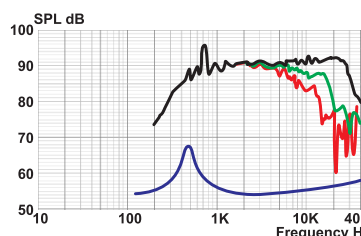


SCAN-SPEAK 1¼" DOME TWEETER 2904 SERIES

CLASSIC LINE SOFT DOME HIGH POWER FERRO FLUID COOLED SMOOTH

Symmetric Drive technology that almost eliminates electrical phase shift. A carefully designed chamber & minimizes air noise and compression. Revelator series experience is applied to a high-power 1" dome tweeter. Special formulated doped textile for rigid but light weight transducer. Ferro-Fluid cooled and resonant damped 28mm voice coil. 4 ohm impedance Aluminium face plate. 180 Watt power when crossover at 2.8KHz 12dB/Oct* SD-2 motor Low compression Non-resonant chamber from Revelator design.

Impedance	4Ω (Re 3.5Ω)
Power	180Wnom*
Sens.	91.5dB
Fs	500Hz
Sd	8.5cm
Le	0.04mH
Coil	28mm
Mms	0.50g
Code	D2904-9600SE

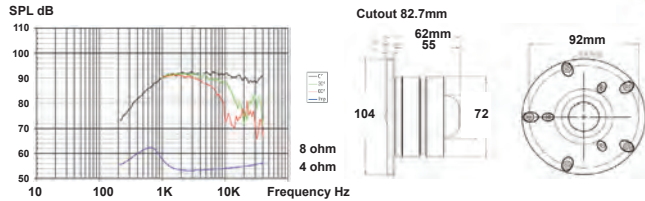




SCAN-SPEAK 1" RING-RADIATOR 2604 SERIES

PREVIOUSLY VIFA XT25TG30-04 made in Denmark by Scan-Speak. Dual concentric silk fabric diaphragm with wave guide centre plug Double chamber with damping for a low resonance rear cavity 550Hz Distortion reducing shorting ring and copper clad aluminium wire Phase plug also enables an extended upper frequency response 40KHz This is the Danish version of the popular and innovative Vifa unit. Made in Denmark, these units have also been improved upon. 5 Bolt poly-facia.

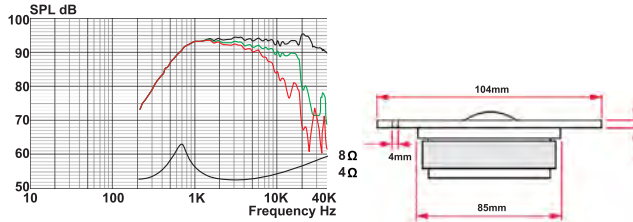
Impedance	2.9Ω (Re 4Ω)
Power	550Wmax, 180Wrms
Sens.	92.4dB
Fs	630Hz
Sd	5.4cm ²
Coil	26mmØ
Mag.	480g 75mmØ
Mms	0.3g
Code	R2604-833000



SCAN-SPEAK 1" DOME TWEETER 2604 SERIES

PREVIOUSLY VIFA DX25TG05-04 made in Denmark by Scan-Speak. Extended high frequency response and good off-axis performance Specially treated lightweight silk fabric diaphragm dome Oversized surround structure. Copper-clad aluminium wire. A critically damped rear chamber. 5 hole poly faceplate.

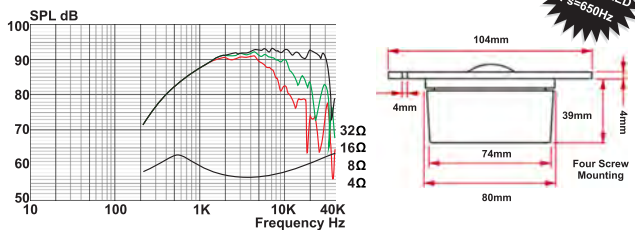
Impedance	12.3Ω (Re 2.8Ω)
Power	100Wrms
Sens.	92.08 dB
Fs	630Hz
Sd	8cm ²
Coil	25mmØ
Mag.	240g 75mmØ
Mms	0.42g
Qms	3.46
Qes	1.02
Qts	0.67
Code	D2604-830000



SCAN-SPEAK 1" DOME TWEETER 2606 SERIES

FORMERLY VIFA D27TG35-04 Manufactured in Denmark by Scan-Speak. Large double chambered back with vented pole piece & dampened cavity Silk fabric dome. Ferro fluid cooling. Low resonance frequencies. Extra-wide bandwidth driver suitable for upper-mids to silky smooth highs!

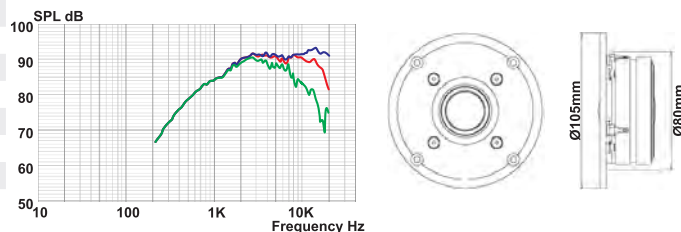
Impedance	6Ω (Re 4.6Ω)
Power	225Wmax, 100Wrms
Sens.	91dB
Fs	650Hz
Sd	7.1cm ²
Le	0.01mH
Coil	26mmØ
Mms	.33g
Qms	0.95
Qes	0.77
Qts	0.43
Vas	0.01L
Code	D2606-922000



SCAN-SPEAK 1" DOME TWEETER 2608 SERIES

D2608 is manufactured in Denmark by Scan-Speak. Very light, low mass soft dome diaphragm with high internal damping in a Highly optimised, low compression, vented magnet system especially to suit. This design allows use with a lower than normal crossover frequency point. Double magnet. High efficiency. Magnetic fluid. Diecast aluminium facia. Excellent entertainment system performer suitable for a large range of purposes.

Impedance	10.82Ω (Re 5.6Ω)
Power	130Wrms (3K-20KHz)
Sens.	93dBm
Fs	700Hz
Sd	7.5cm ²
Le	0.03mH
Coil	26mmØ
Mms	0.23g
Code	D2608-913000

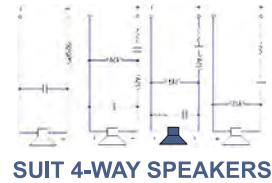




SCAN-SPEAK 1½" DOME MIDRANGE-TWEETER

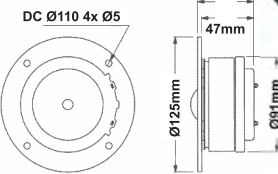
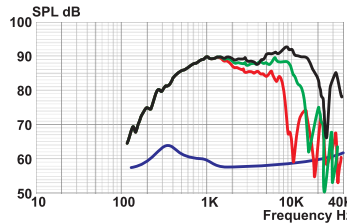
SD-2 UPPER MIDRANGE DRIVER

Extending the highly regarded technology developed for the class leading tweeters, the SD-2 motor virtually eliminates electrical phase shift. Made from a special formulated doped textile for low mass & long-life. It has a very smooth response and good dispersion and reproduces music with extreme clarity and integrity. Depth perspectives are very accurate. The vent pole piece is damped by porous foam pad for correct tuning and coupling to the rear chamber. The surround is partly covered by the front ring to minimise distortion products and further improves phase response.



SUIT 4-WAY SPEAKERS

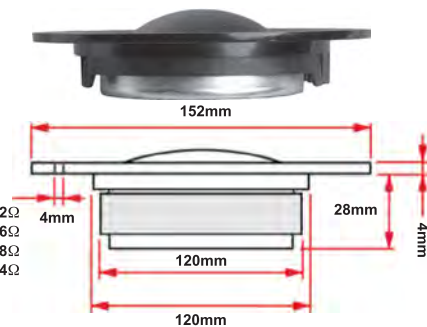
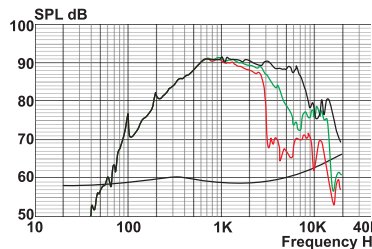
Impedance	8Ω (Re 5.7Ω)
Power	100Wmax
Sens.	90dB
Fs	450Hz
Le	0.04mH
Coil	38mm (Sd=14cm)
Code	D3806-820000



SCAN-SPEAK 3" DOME MIDRANGE

FORMERLY VIFA D75MZ41-08 D7608 is manufactured in Denmark by Scan-Speak. Precoated textile dome with low moving mass provides a very smooth and natural sound with excellent on & off axis mid frequency response. Ferro fluid cooled 3" voice coil with low-profile compact internal magnet. Improved linear performance for easy crossover matching with other drivers. Superb, popular dome midrange. Requires separated ~1.5L back chamber box.

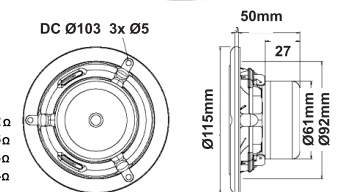
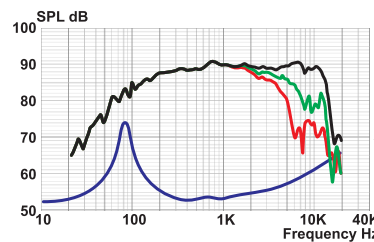
Impedance	8Ω (Re 5.9Ω)
Power	80Wrms, 115Wmax
Sens.	92dB
Fs	300Hz
Sd	55cm²
Coil	75mmØ
Mag.	240g
Qms	7.75
Qes	2.22
Vifa	D75MX-41-08
Code	D7608-920010



SCAN-SPEAK 2½" CONE MIDRANGE

Heavy-duty cast alloy frame and pole ventilated magnet system. Sandwich paper cone doped, textile dust cap, all coated. Rubber surround, large spider, maximizing coil linearity. Open back design for optimizing resonances, requires chamber. Absolute premium construction achieving phenomenal mid acoustics. Crossover point is recommended at 300Hz for maximum power handling.

Impedance	8Ω (Re 4.7Ω)
Power	40Wrms (@300Hz)
Sens.	89dB
Fs	75Hz(Fs)8KHz
Sd	49cm
Coil	38mm (0.22mH)
Qms	5.57
Qes	0.35
Qts	0.33
Vas	5.57
Code	12M4631G00

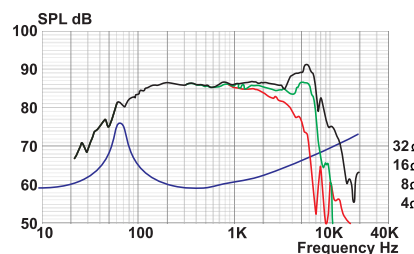


SCAN-SPEAK 4.5" MID-WOOFER

FIBERGLASS CONE ALLOY FRAME DISCOVERY LINE

The Discovery series offer traditional design, superior sound, a solid construction, and a wide range of variants. Combining these elements - plus a wealth of technical features and finesses for a tailor-made Scan-Speak solution with very good performance at a reasonable low price point. The 12W/8524G has the same frame size and should be considered as a good replacement for the PL11WH09-08 or PL11WG09-08.

Impedance	8Ω (Re 5.7Ω)
Power	70Wmax (40Wrms)
Sens.	85.8dB
Fs	52Hz
Le	0.6mH
Qms	3.42
Qes	0.35
Qts	0.32
Vas	8.2L
Code	12W/8524G00



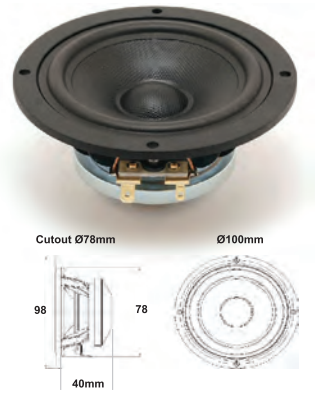
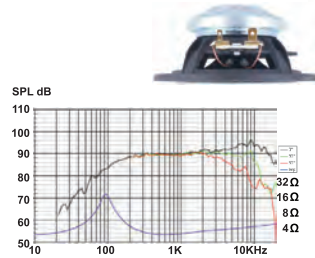


SCAN-SPEAK 4" WIDEBAND

DISCOVERY SERIES NEODYMIUM MAGNET & COATED FIBREGLASS CONE

The Discovery series is designed for the discerning audiophile customer. To meet the needs of this audience, several new technologies were developed with the goal of lowering distortion and damping in the speaker. The coated fibreglass cone reduces vibration and standing waves, and the vented motor system minimizes power compression. The combined result is a very open and dynamic sound.

Impedance	3.2Ω (Re 4Ω)
Power	15Wrms 30Wmax
Sens.	89.76dB
Fs	90Hz
Le	0.1mH
Qms	3.21
Qes	0.32
Qts	0.30
Vas	2.06L
Code	10F/4424G00

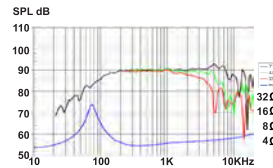


SCAN-SPEAK 4" MIDRANGE ILLUMINATOR

NEODYMIUM UNDER-HUNG MOTOR SYSTEM

The illuminator midranges are based on compact under-hung motor systems with large neodymium ring magnets. The patent pending motor offers a very long linear excursion together with a very high force factor. The top plate is shaped to "guide" the backside airflow around the motor and with the very open cast-aluminium chassis design the driver is virtually free from compression and any turbulence type distortions.

Impedance	4Ω (Re 3.1Ω)
Power	80Wrms
Sens.	90.0dB
Fs	64.0Hz
Le	0.11mH
Qms	3.64
Qes	0.26
Qts	0.24
Vas	5.4L
Code	12MU4731T00

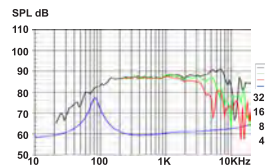


SCAN-SPEAK 4" MIDRANGE ILLUMINATOR

NEODYMIUM UNDER-HUNG MOTOR SYSTEM

The illuminator midranges are based on compact under-hung motor systems with large neodymium ring magnets. The patent pending motor offers a very long linear excursion together with a very high force factor. The top plate is shaped to "guide" the backside airflow around the motor and with the very open cast-aluminium chassis design the driver is virtually free from compression and any turbulence type distortions.

Impedance	8Ω (Re 5.9Ω)
Power	80Wrms
Sens.	87.2dB
Fs	66.0Hz
Le	0.13mH
Qms	3.63
Qes	0.31
Qts	0.29
Vas	5.9L
Code	12MU8731T00

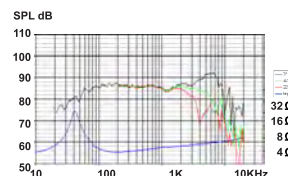


SCAN-SPEAK 5 1/4" MIDRANGE ILLUMINATOR

NEODYMIUM UNDER-HUNG MOTOR SYSTEM

The illuminator midranges are based on compact under-hung motor systems with large neodymium ring magnets. The patent pending motor offers a very long linear excursion together with a very high force factor. The top plate is shaped to "guide" the backside airflow around the motor and with the very open cast-aluminium chassis design the driver is virtually free from compression and any turbulence type distortions.

Impedance	4Ω (Re 3.2Ω)
Power	80Wrms
Fs	34.0Hz
Le	0.50mH
Qms	3.47
Qes	0.25
Qts	0.23
Code	15WU4741T00

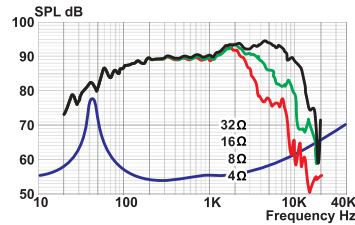




SCAN-SPEAK 5½" MIDRANGE REVELATOR

This premium reference driver features a non-resonant, paper pulp, spiral ribbed, doped, cone and textile cap structure. Dynamic linear suspension, "SD-1" magnet system, tapered pole vent, a beautiful "Grasshopper" aerodynamic cast chassis with maximized air flow and resonance terminating mounting system. Achieves minimum resonances, low compression, high linearity, fast, dynamic, high sound pressure.

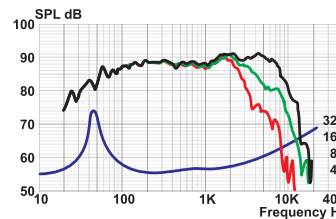
Impedance	4Ω (Re 3.5Ω)
Power	60Wrms
Sens.	90dB
Fs	35Hz(1006KHz)
Sd	95cm
Coil	38mm (0.17mH)
Qms	4.80
Qes	0.24
Qts	0.22
Vas	24L
Code	15M4531K00



SCAN-SPEAK 5½" WOOFER REVELATOR

Features a slit-paper uncoated non-resonant cone and dust cap structure, dynamic linear suspension, SD-1 magnet system, "Grasshopper" cast chassis with maximized air flow, glass fibre voice coil former and resonance terminating mounting system. The 15W/4531G provides a more extended frequency response than it's brothers, but still fantastic bass down to the mid 50's in a vented enclosure.

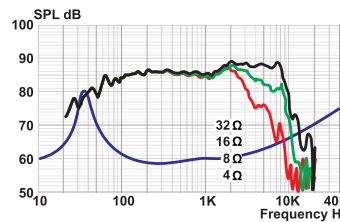
Impedance	4Ω (Re 3.4Ω)
Power	60Wrms
Sens.	87dB
Fs	39Hz
Sd	95cm ²
Coil	38mmØ (0.25mH)
Qms	4.60
Qes	0.34
Qts	0.32
Code	15W4531G00



SCAN-SPEAK 5½" MID-WOOFER REVELATOR

This premium reference driver features a non-resonant, paper pulp, spiral ribbed, doped, cone and textile cap structure. Dynamic linear suspension, "SD-1" magnet system, tapered pole vent, a beautiful "Grasshopper" aerodynamic cast chassis with maximized air flow and resonance terminating mounting system. Achieves minimum resonances, low compression, high linearity, fast, dynamic, high sound pressure.

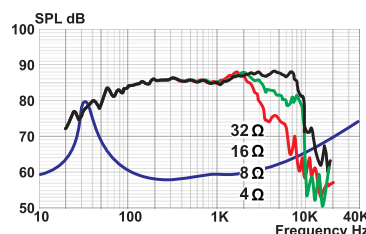
Impedance	8Ω (Re 5.8Ω)
Power	60Wrms
Sens.	85.5dB
Fs	30Hz(Fs)6KHz
Sd	95cm
Coil	38mm (0.35mH)
Qms	4.90
Qes	0.38
Qts	0.35
Vas	28L
Code	15W8530K01



SCAN-SPEAK 5½" MIDRANGE REVELATOR

Features a non-resonant cone and dust cap structure, dynamic linear suspension, SD-1 magnet system, "Grasshopper" cast aluminium chassis with maximized air flow and resonance terminating mounting system. Less resonance in all structures, lower compression and higher linearity, faster termination of excess energy and higher sound pressure capability gives Scan-Speak more musical and dynamic capability than any other 5"

Impedance	4Ω (Re 3.5Ω)
Power	60Wrms
Sens.	90dB
Fs	35Hz(100→6KHz)
Sd	95cm ²
Coil	38mmØ (0.17mH)
Qms	4.80
Qes	0.24
Qts	0.22
Code	15W8530K00





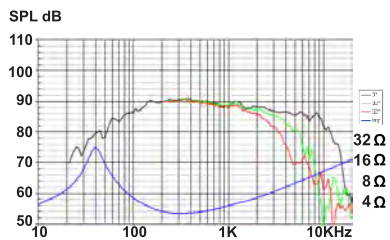
06 SPEAKERS

06 SPEAKERS

SCAN-SPEAK 5" MID-WOOFER GF SERIES

The GF series is designed for the discerning audiophile customer. To meet the needs of this audience, several new technologies were developed with the goal of lowering distortion and damping in the speaker. The coated fibreglass cone reduces vibration and standing waves, and the vented motor system minimizes power compression. The combined result is a very open and dynamic sound.

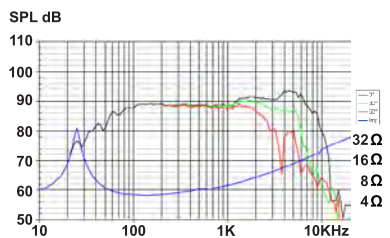
Impedance	4.1Ω (Re 3.0Ω)
Power	60Wrms 120Wmax
Sens.	89.70dB
Fs	43Hz
Le	0.5mH
Qms	3.69
Qes	0.22
Qts	0.21
Code	15W4434G00



SCAN-SPEAK 6" MID-WOOFER GF SERIES

The GF series is designed for the discerning audiophile customer. Driver Highlights: Aluminium Chassis, Fibreglass cone, NR rubber surround, Vented below Spider. The coated fibreglass cone reduces vibration and standing waves and the vented motor system minimizes power compression. The combined result is a very open and dynamic sound.

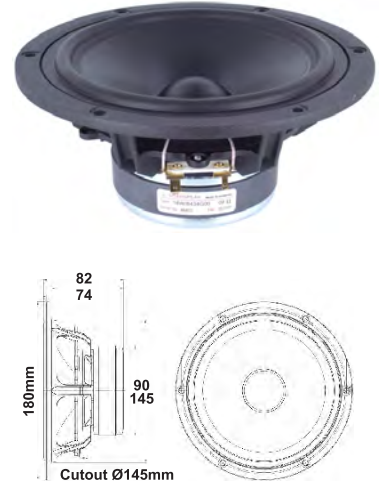
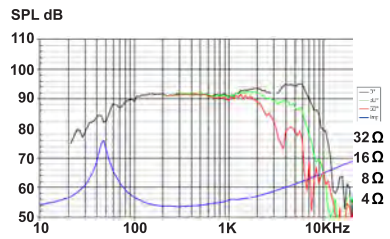
Impedance	8Ω (Re 5.6Ω)
Power	55Wrms 170Wmax
Sens.	88.7dB
Fs	50Hz
Qms	7.58
Qes	0.46
Qts	0.44
Code	18W8434G00



SCAN-SPEAK 6" MID-WOOFER GF SERIES

The GF series is designed for the discerning audiophile customer. Driver Highlights: Aluminium Chassis, Fibreglass cone, NR rubber surround, Vented below Spider. The coated fibreglass cone reduces vibration and standing waves and the vented motor system minimizes power compression. The combined result is a very open and dynamic sound.

Impedance	4Ω (Re 3.0Ω)
Power	55Wrms 170Wmax
Sens.	91.3dB
Fs	47.26Hz
Qms	7.81
Qes	0.37
Qts	0.35
Vas	20.86L
Code	18W4434G00

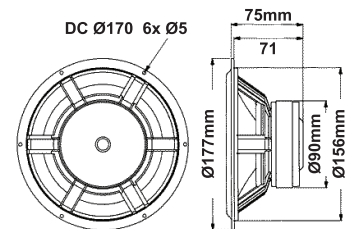
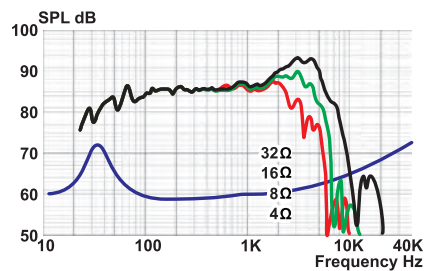




SCAN-SPEAK 6½" MID-WOOFER

Specially developed Carbon fibre filled paper pulp cone is impregnated and coated to dampen resonances normally associated with stiff cones. The low loss linear suspension, "SD-1" ventilated magnet system, molded rubber surround, all combine to provide dynamic linearity and very low colouration & distortion. This driver is optimized for larger bass reflex enclosures, reproducing very deep, precise bass.

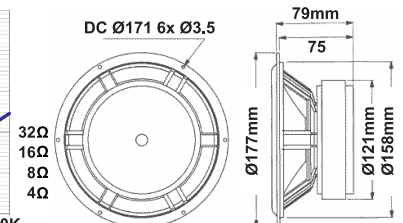
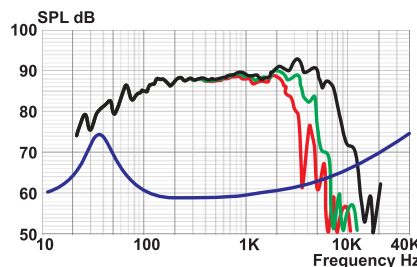
Impedance	8Ω (Re 5.8Ω)
Power	70Wrms
Sens.	88.5dB
Fs	26Hz(Fs)3500KHz
Sd	145cm
Coil	38mm (0.30mH)
Qms	2.50
Qes	0.45
Qts	0.38
Vas	72L
Code	18W8535-00



SCAN-SPEAK 6½" MID-WOOFER

The "SD-1" is a patented magnet system that virtually eliminates modulation and dynamic distortion while also reducing the onslaught of clipping distortion generated as the driver exceeds its maximum exertion. Specially developed Carbon fibre filled paper pulp cone is impregnated and coated to dampen resonances normally associated with stiff cones. Optimized for bass reflex enclosures, reproducing very deep, precise bass.

Impedance	8Ω (Re 5.8Ω)
Power	100Wrms
Sens.	88.5dB
Fs	26Hz(Fs)3500KHz
Sd	145cm
Coil	38mm (0.30mH)
Qms	2.50
Qes	0.45
Qts	0.38
Vas	72L
Code	18W8545-00

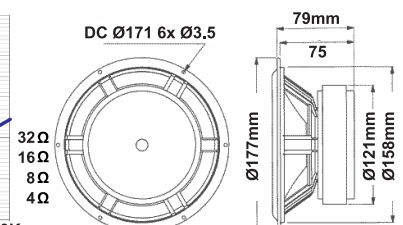
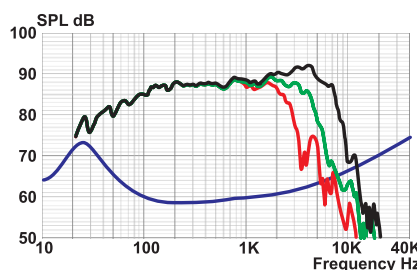


SCAN-SPEAK 6½" MID-WOOFER KEVLAR

CLASSIC LINE WITH WOVEN YELLOW KEVLAR COVE

Premium Grade high-technology driver with over-sized "SD-1" magnet system. Kevlar is a patented Dupont fibre process designed to achieve remarkable stiffness to a very low mass ratio for improved T&S specifications. An excellent tightly controlled bass driver reproduces music in a very open and live way. The cone is also a "Technological" yellow.

Impedance	8Ω (Re 5.5Ω)
Power	100Wrms
Sens.	88.0dB
Fs	22Hz(Fs)4000KHz
Sd	145cm
Coil	38mm (0.40mH)
Qms	1.70
Qes	0.22
Qts	0.19
Vas	84L
Code	18W8546-00

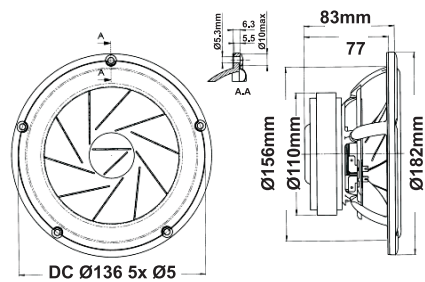
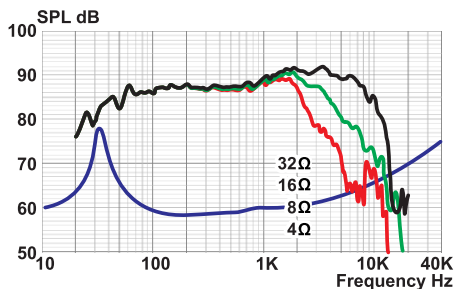




SCAN-SPEAK 6½" MID-WOOFER REVELATOR

The Revelator series of woofers has for years been celebrated for reproducing the best sounding dynamic transducers in the world. This driver features a non-resonant cone and dustcap structure, dynamic linear suspension, SD-1 patented magnet system, "Grasshopper" chassis for maximized airflow, and anti-resonance mounting system.

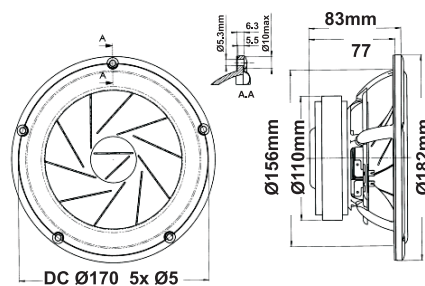
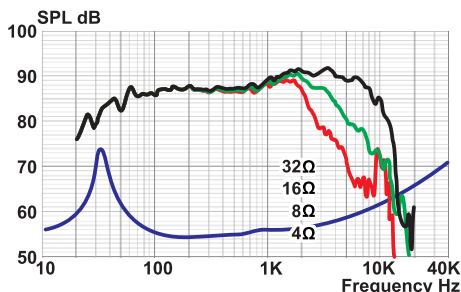
Impedance	8Ω (Re 5.8Ω)
Power	60Wrms
Sens.	87.0dB
Fs	28Hz(Fs)5KHz
Sd	150cm
Coil	38mm (0.35mH)
Qms	5.10
Qes	0.39
Qts	0.36
Vas	59L
Code	18W8531G00



SCAN-SPEAK 6½" MID-WOOFER REVELATOR

The Revelator series of woofers has for years been celebrated for reproducing the best sounding dynamic transducers in the world. This driver features a non-resonant cone and dustcap structure, dynamic linear suspension, SD-1 patented magnet system, "Grasshopper" chassis for maximized airflow, and anti-resonance mounting system. An absolute premium reference level, wide bandwidth driver.

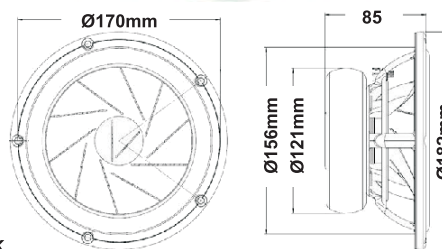
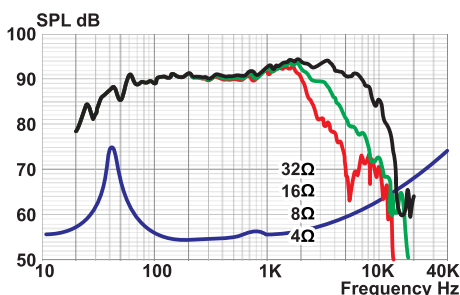
Impedance	3.4Ω (Re 4Ω)
Power	70Wrms
Sens.	90.0dB
Fs	33Hz
Sd	150cm ²
Coil	38mmØ (0.30mH)
Qms	5.20
Qes	0.38
Qts	0.35
Vas	42L
Code	18W4531G00



SCAN-SPEAK 6½" MID-WOOFER REVELATOR

The Revelator series of woofers are cutting edge drivers that incorporate Scan-Speak's latest advances in manufacturing and design. feature a non-resonant cone and dustcap structure, dynamic linear suspension, SD-1 patented magnet system, "Grasshopper" chassis for maximized airflow, and anti-resonance mounting system. Very neutral yet musical, at home in any reference-quality system.

Impedance	3.4Ω (Re 4Ω)
Power	70Wrms
Sens.	90.0dB
Fs	33Hz
Sd	150cm ²
Coil	38mmØ (0.30mH)
Qms	5.20
Qes	0.38
Qts	0.35
Vas	42L
Code	18W4831G00



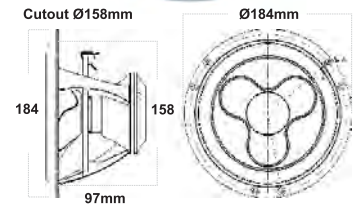
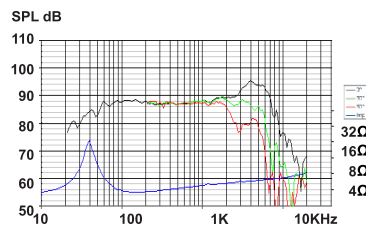


SCAN-SPEAK 6½" MID-WOOFER ILLUMINATOR

NEODYMIUM UNDER-HUNG MOTOR SYSTEM

The Illuminator midranges are based on compact under-hung motor systems with large neodymium ring magnets. The patent pending motor offers a very long linear excursion together with a very high force factor. The top plate is shaped to "guide" the backside airflow around the motor and with the very open cast-aluminium chassis design the driver is virtually free from compression and any turbulence type distortions.

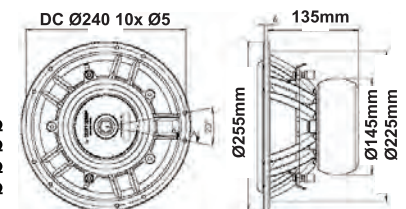
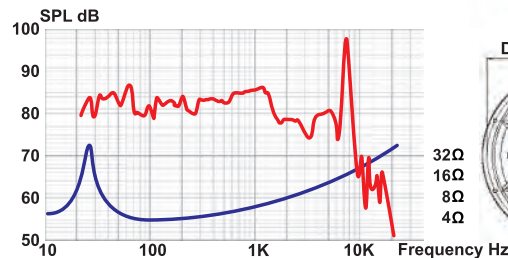
Impedance	4Ω (Re 3.2Ω)	8Ω (Re 7.5Ω)
Power	80Wrms	80Wrms
Sens.	87.2 dB	85.4 dB
Fs	30.0Hz	31.0Hz
Le	0.50mH	0.41mH
Qms	3.56	3.51
Qes	0.32	0.37
Qts	0.29	0.33
Vas	49.9L	48.6L
Code	18WU4741T00	18WU/8741T00



SCAN-SPEAK 9" SUBWOOFER - SILVER ALUMINIUM CONE

A very high end subwoofer, designed to be used with a passive radiator. Very rigid aluminum cone, low loss rubber surround and cast frame. Massive roll surround for maximum linear exertion with low compression. Uses the renowned Scan-Speak Symmetric Drive low distortion motor system. Frequency response when coupled with the 23W passive is down to 25Hz. One cubic foot sealed has an F3 of 33Hz. Long-throw for high SPL output. Excellent deep bass reproduction for such a very compact enclosure.

Impedance	3.45Ω (Re 4Ω)
Power	225Wrms
Sens.	82.0dB
Fs	20.5Hz
Sd	232cm
Coil	50mmØ (0.45mH)
Qms	4.80
Qes	0.52
Qts	0.47
Vas	45.6L
Code	23W4557T00

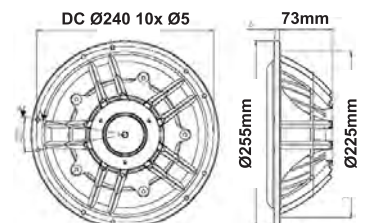


SCAN-SPEAK 9" PASSIVE RADIATOR

ALUMINIUM DRONE-CONE REQUIRES ACTIVE WOOFER

Eliminates tuning ports and associated high velocity wind distortions. A very high end subwoofer, designed to be used with Scan-Speak 23W4557T00 Centre brass weight, very rigid aluminum cone, low loss rubber surround. Massive roll surround for maximum linear exertion with low compression. Scan-Speak designers recommend putting both in a 1.0 cubic foot enclosure. This should yield deep bass reproduction down to an impressive 25Hz. The woofer should still be linear at 180 watts and have an output 104dB! Excellent deep bass reproduction for only a 30L compact enclosure. (*) You can use one or two passives, and tuning is tweaked by adding weight to a M8 screw thread located at the rear of the brass block.

Sd	232cm ²
Fs	10.5Hz
Qms	11.5
Mms	400g(min*)
Vas	43.5L
Code	23W00000

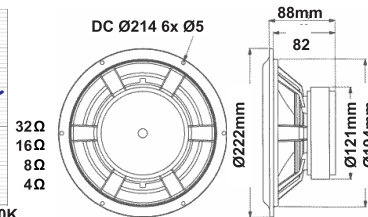
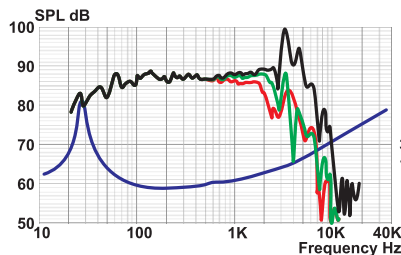




SCAN-SPEAK 8" WOOFER

Hard paper cone is very rigid and perfect for bass reproduction. A special coating provides sufficient damping to ensure minimum resonances in the bass area. Low loss, linear suspension reduces compression and gives maximum dynamic capability and detailing. The "SD-1" magnet system and the voice coil with copper wire wound on a Kapton foil gives high SPL and low clipping distortion.

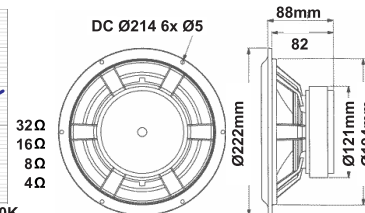
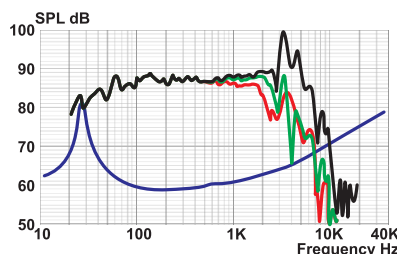
Impedance	8Ω (Re 5.5Ω)
Power	100Wrms
Sens.	87.5dB
Fs	19Hz(Fs)6000Hz
Sd	220cm
Coil	42mm (0.60mH)
Qms	4.80
Qes	0.27
Qts	0.26
Vas	136L
Code	21W8555-00



SCAN-SPEAK 8" WOOFER

The 21W8555-01 is similar to the "00" but uses copper wire wound former. The hard paper cone is very rigid and perfect for bass reproduction. The special coating provides sufficient damping to ensure a minimum of resonance in the bass area. The low-loss linear suspension reduces compression and gives the drive unit maximum dynamic capability and better detailing. A beautiful "Classic" Scan-Speak driver.

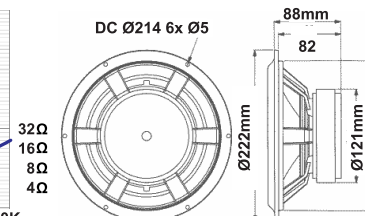
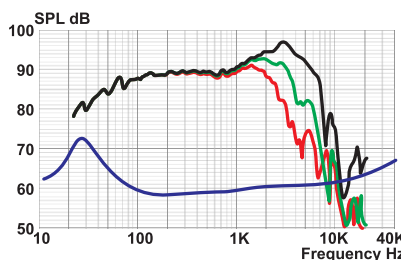
Impedance	8Ω (Re 5.5Ω)
Power	100Wrms
Sens.	87.5dB
Fs	19Hz(Fs)6000Hz
Sd	220cm
Coil	42mm (0.60mH)
Qms	4.80
Qes	0.27
Qts	0.26
Vas	136L
Code	21W8555-01



SCAN-SPEAK 8" WOOFER

Features a Kevlar cone which is manufactured at Scan-Speaks' own production facilities. The cone is coated in order to obtain the right damping to stiffness ratio. This driver offers very good transient capacity and audible headroom. Symmetric drive magnet system. Die-cast magnesium-aluminium basket. Open spider ventilation. Rubber surround. Yellow cone.

Impedance	8Ω (Re 5.5Ω)
Power	110Wrms
Sens.	90.0dB
Fs	23Hz(Fs)4000KHz
Sd	220cm
Coil	42mm (0.20mH)
Qms	1.70
Qes	0.25
Qts	0.22
Vas	160L
Code	21W8554-00

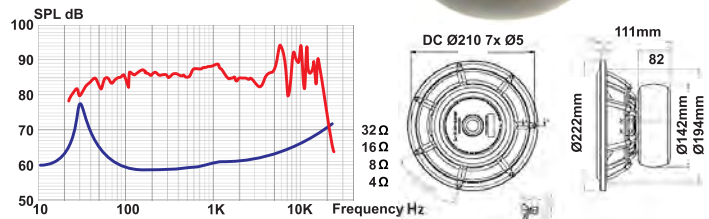




SCAN-SPEAK 8" WOOFER - BLACK ALUMINIUM CONE

The latest generation of the Revelator woofers incorporates a new aluminum cone design, resulting in an impressive transient response. A metal cone also affords very high power with minimal cone breakup. The output is incredibly natural sounding bass that challenges the listener to tell the difference between the real thing and this driver's faithfully invisible reproduction. Utilises the patented technology with Low loss linear suspension, SD-1 motor system and aluminium cone.

Impedance	8Ω (Re 6.2Ω)
Power	170Wrms
Sens.	86 0dB
Fs	23Hz
Sd	220cm
Coil	50mm (0.35mH)
Qms	4.90
Qes	0.32
Vas	89L
Code	22W8857T00

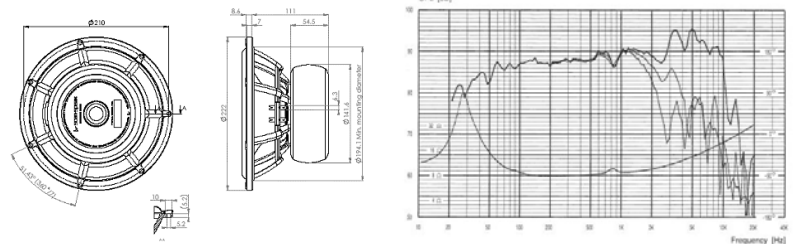


SCAN-SPEAK 8" WOOFER REVELATOR

CLASSIC PAPER CONE

Low loss linear suspension, SD-1 motor system, hard paper cone. This robust 8" woofer was designed to provide deep and accurate bass in a small enclosure. 2" voice coil on a titanium former, a low loss linear suspension and symmetric drive motor. The deep set hard paper cone is attached to the frame with a minimal reflection rubber surround. The 9mm X-max insures good linear travel.

Impedance	7.2Ω (Re 6.2Ω)
Power	170Wrms
Sens.	88dB
Fs	21Hz
Coil	50mm (0.35mH)
Qms	5.10
Qes	0.26
Qts	0.25
Vas	127L
Code	22W8851T00

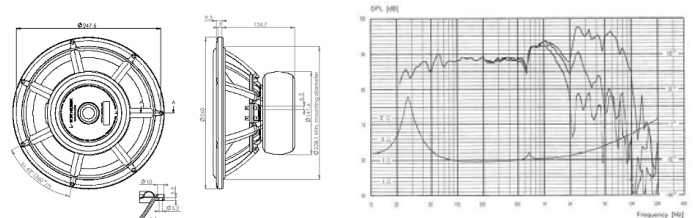


SCAN-SPEAK 10" WOOFER REVELATOR

CLASSIC PAPER CONE

Low loss linear suspension, SD-1 motor system, hard paper cone. This robust 10" woofer was designed to provide deep and accurate bass in a small enclosure. 2" voice coil on a titanium former, a low loss linear suspension and symmetric drive motor. The deep set hard paper cone is attached to the frame with a minimal reflection rubber surround. The 9mm X-max insures good linear travel.

Impedance	7.1Ω (Re 6.2Ω)
Power	170W
Sens.	88.5dB
Fs	19Hz
Coil	50mm (0.35mH)
Qms	5.2
Qes	0.33
Qts	0.31
Vas	234L
Code	26W8861T00



SCAN-SPEAK FLOW RESISTOR

SCAN-SPEAK 130MM FLOW RESISTOR

Scan Speak flow resistive aperiodic vent. Plastic port which resists the air flow. Used to lower the box Q of sealed box. It makes the driver behave as if the box is 25% larger. Recommended Cut-out dimension Φ110.

Code	290001
------	--------

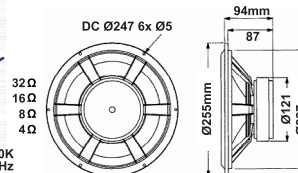
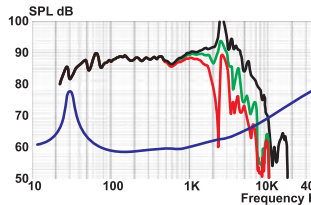




SCAN-SPEAK 10" WOOFER

Hard paper cone is very rigid and perfect for bass reproduction. A special coating provides sufficient damping to ensure minimum resonances in the bass area. Low loss, linear suspension reduces compression and gives maximum dynamic capability and detailing. The "SD-1" magnet system and the voice coil with copper wire wound on a Kapton foil gives high SPL and low clipping distortion.

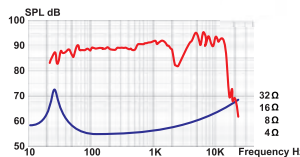
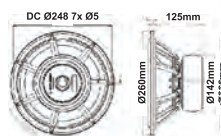
Impedance	8Ω (Re 5.5Ω)
Power	100Wrms
Sens.	88.0dB
Fs	19Hz(Fs)600KHz
Sd	220cm
Coil	42mm (0.60mH)
Qms	5.60
Qes	0.36
Qts	0.34
Vas	229L
Code	25W8565-01



SCAN-SPEAK 10" WOOFER - BLACK ALUMINIUM CONE

The latest generation of the Revelator woofers incorporates a new aluminum cone design, resulting in an impressive transient response. A metal cone also affords very high power with minimal cone breakup. The output is incredibly natural sounding bass that challenges the listener to tell the difference between the real thing and this drivers faithfully invisible reproduction. Utilises the patented technology Low loss linear suspension, SD-1 motor system. Aluminium cone.

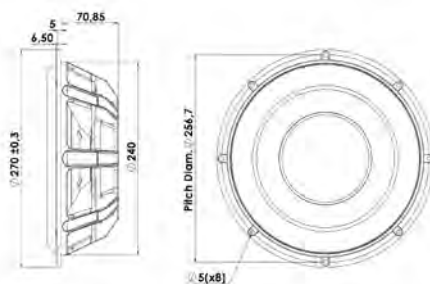
Impedance	4Ω (Re 3.7Ω)
Power	170Wrms
Sens.	89.0dB
Fs	18.0Hz
Sd	320cm
Coil	50mm (0.25mH)
Qms	5.80
Qes	0.31
Vas	223L
Code	26W4867T00



PASSIVE RADIATOR

The Discovery series offer traditional design, superior sound, a solid construction, and a wide range of variants. Combining these elements - plus a wealth of technical features and finesses - gives our customers the possibility of acquiring a tailor-made Scan-Speak solution with very good performance at a reasonable low price point! Optimized for 26W/4558T00. Rigid Black Aluminium Cone. Die cast Alu Chassis. Adjustable Weight for Optimum Fres. Coated Sandwich Fibre Glass Dust Cap.

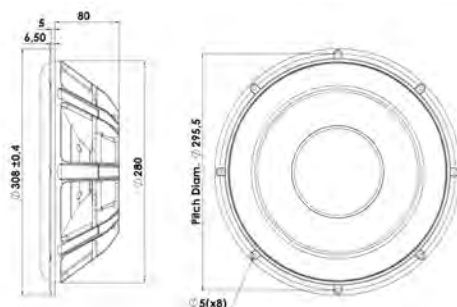
Fs	11Hz
Qms	13.7
Vas	95L
Cms	0.55mm/N
Rms	1.97Kg/s
Mms	400g
Sd	352cm ²
Xmax	28mm
Code	26W/0-00-00



PASSIVE RADIATOR

The Discovery series offer traditional design, superior sound, a solid construction, and a wide range of variants. Combining these elements - plus a wealth of technical features and finesses - it gives our customers the possibility of acquiring a tailor-made Scan-Speak solution with very good performance at a reasonable low price point! Optimized for 30W/4558T00. Rigid Black Aluminium Cone. Die cast Alu Chassis. Adjustable Weight for Optimum Fres. Coated Sandwich Fibre Glass Dust Cap.

Fs	9.5Hz
Qms	14
Vas	200L
Cms	0.62mm/N
Rms	1.84Kg/s
Mms	435g
Sd	466cm ²
Xmax	28mm
Code	30W/0-00-00





↓ VIFA

VIFA DRIVERS

The Vifa product line is Tymphany's High End brand coming out of the world-class China factory.

Technology Highlights Includes Cone and dust cap with proprietary coating formulas & processes yield high clarity products.

Highly linear suspension and Low loss surrounds for high clarity and clean transient response. Copper Caps in the motor assembly for better high frequency extension and lower distortion.

Efficiency-Power-Bandwidth (EPB) factors suitable for vented and sealed enclosure.

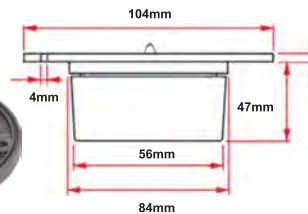
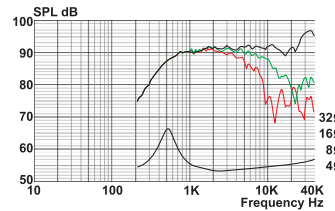


VIFA 1" DUAL CONCENTRIC SUPER TWEETER

Ring Radiator Tweeter, exceeds 40KHz bandwidth !

Superb. Dual concentric diaphragm, wave guide centre plug for excellent on and off axis response and a very "natural" sound. An extremely smooth response that extends beyond human hearing Dual chamber for low resonance makes this tweeter also suitable for 2-way systems. Impressive and acclaimed new technology.

Impedance	4Ω (Re 3.0Ω)
Power	950Wmax, 140Wrms
Sens.	91.5dB
Fs	500Hz
Coil	25mmØ
Mag.	240g 75mmØ
Qms	2.50
Qes	0.71
Qts	0.55
Code	XT25TG30-04

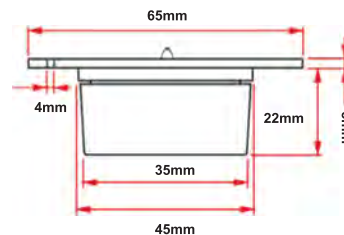
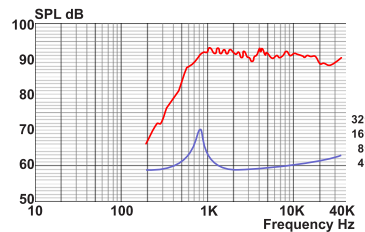


VIFA 1" DUAL CONCENTRIC NEODYMIUM TWEETER

SUPER COMPACT RING RADIATOR TWEETER

Superb. Dual concentric diaphragm, wave guide centre plug for excellent on and off axis response in a compact package. An extremely smooth response character gives a "natural" sound. This type of Vifa tweeter is highly acclaimed for audio quality. Compact package makes them suitable for many types of applications.

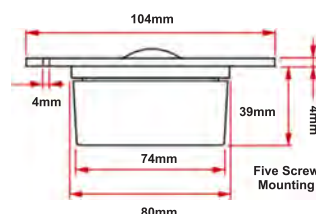
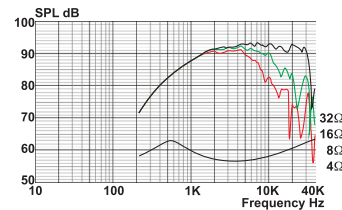
Impedance	4Ω (Re 3.1Ω)
Power	100Wmax, 50Wrms
Sens.	91.7dB
Fs	837Hz
Coil	25mmØ
Mag.	Neodymium
Qms	6.74
Qes	1.04
Qts	0.90
Code	XT25SC90-04



VIFA 1" SILK DOME TWEETER BULGED PLATE

Treated silk fabric diaphragm 1" dome and surround. Ventilated aluminium voice coil, ferro fluid cooled. Dual chamber, dampened, low resonance cavity 650Hz. Special, bulged design, wide dispersion face plate. Popular driver, highly regarded, variation of D27TG-35. Silky smooth up to 30KHz, 450W short term power.

Impedance	6Ω (Re 4.6Ω)
Power	225Wmax, 100Wrms
Sens.	90dB
Fs	650Hz
Coil	26mmØ
Mag.	240g 75mmØ
Qms	0.95
Qes	0.77
Qts	0.43
Code	D27TG-45-06





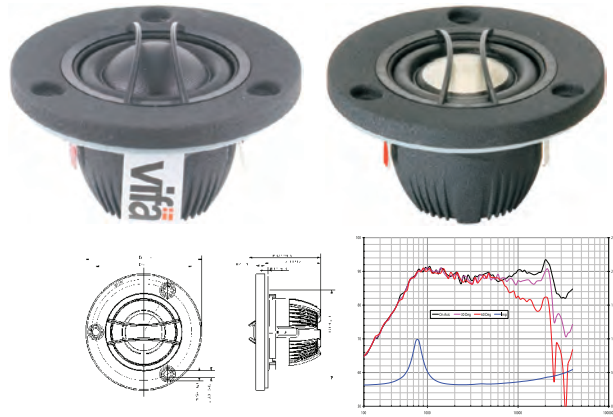
06 SPEAKERS

06 SPEAKERS

VIFA 3/4" DOME TWEETER

The Vifa NE product line of tweeters has leading-edge transducer technology packaged in cutting edge, stylistic designs. The surround fabric (and dome) has been woven from silk and coated for reproducing beautiful acoustics in the extended high end. Vifa's finite element analysis designed high power, high performance, neodymium-iron-boron (NdFeB) motor provides high output in a small unit. Attractive Aluminum face plate and plastic protective grille. This new generation of tweeter offer compact, powerful, efficient level of advanced driver technology. Available in two types of dome material:

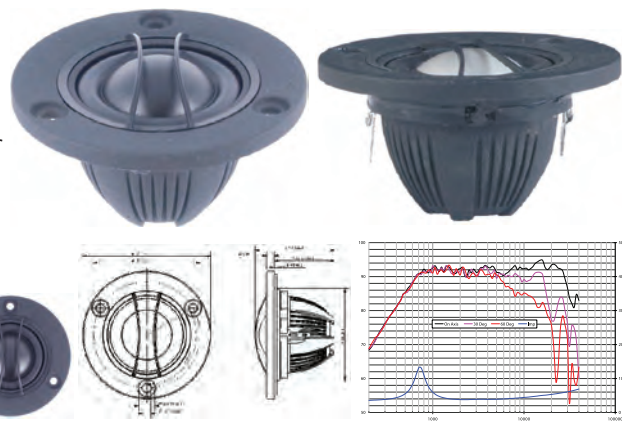
Type	Silk Dome	Aluminium
Impedance	4Ω (Re 2.8Ω)	4Ω (Re 2.8Ω)
Power	80Wrms	80Wrms
Sens.	83.2dB	84.7dB
Fs	743Hz	769Hz
Coil	19.3mm (0.01mH)	19.3mm (0.01mH)
Code	NE19VTS-04	NE19VTC-04



VIFA 1" DOME TWEETER

The Vifa NE product line of tweeters has leading-edge transducer technology packaged in cutting edge, stylistic designs. The surround fabric (and dome) has been woven from silk and coated for reproducing beautiful acoustics in the extended high end. Vifa's finite element analysis designed high power, high performance, neodymium-iron-boron (NdFeB) motor provides high output in a small unit. Attractive Aluminum face plate and plastic protective grille. This new generation of tweeter offer compact, powerful, efficient level of advanced driver technology. Available in two types of dome material:

Type	Silk Dome	Titanium
Impedance	4Ohm (Re 3.1Ω)	4 Ohm (Re 3.2Ω)
Power	80Wrms	80Wrms
Sens.	88.0dB	91.5dB
Fs	733Hz	733Hz
Coil	25.8mm (0.01mH)	25.8mm (0.04mH)
Code	NE25VTS-04	NE25VTT-04

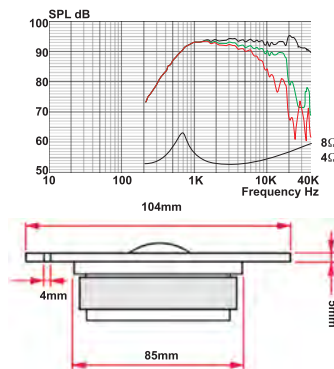


VIFA 1" FABRIC DOME TWEETER

***NOW MANUFACTURED BY SCAN-SPEAK DENMARK**

Extended high frequency response and good off-axis performance achieved by using a specially treated lightweight diaphragm that utilises an oversized surround structure. A critically damped rear chamber and extra-strong 5-hole faceplate round out the attributes. Clarity, efficiency, and extended frequency response up to 40KHz.

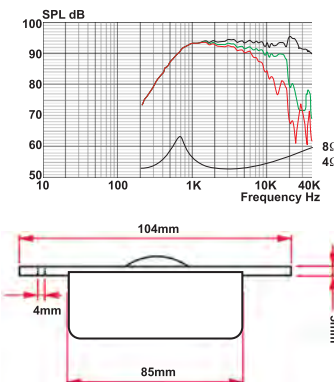
Impedance	12.3Ω (Re 2.8Ω)
Power	100Wrms
Sens.	92.08 dB
Fs	630Hz
Coil	25mmØ
Vifa	DX25TG05-04
Code	D2604-830000



VIFA 1" FABRIC DOME TWEETER SHIELDED

A highly functional crossbreed of the MG & XT tweeter technologies. Extended high frequency response and good off-axis performance achieved by using a specially treated lightweight diaphragm that utilises an oversized surround structure. A critically damped rear chamber and extra-strong 5-hole faceplate round out the attributes. Clarity, efficiency, and extended frequency response up to 40KHz.

Impedance	4Ω (Re 2.8Ω)
Power	400Wmax, 140Wrms
Sens.	93.5dB
Fs	650Hz
Coil	25mmØ
Qms	4.32
Qes	0.76
Qts	0.67
Code	DX25SG05-04



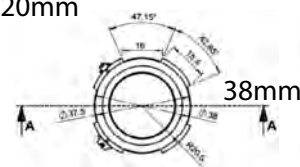
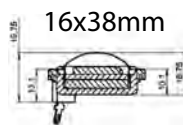
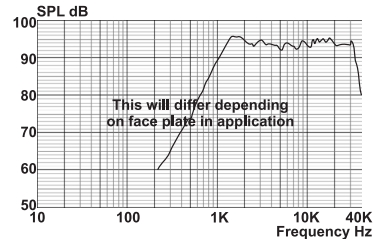


VIFA 1" TWEETER MODULE

NO FACE PLATE - INTERNAL NEODYMIUM MAGNET

Not a spare part. A complete tweeter unit for use where the application has the tweeter flare already built-in. No face plate for flexible mounting solutions like direct mounting in car audio or AV compact enclosures. Pre-coated textile diaphragm for improved consistency. Dual neodymium magnet for high flux density and shielding. Ferro fluid cooled copper aluminium low-mass voice coil. For installations tight on space and/or with own baffle.

Impedance	4Ω (Re 3Ω)
Power	25Wrms(50Wmax)
Sens.	94dB
Fs	1480Hz
Qms	3.52
Qes	1.59
Qts	1.09
Code	OC25SC25-04



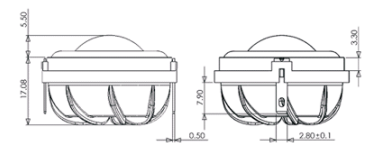
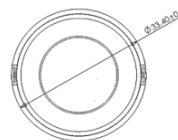
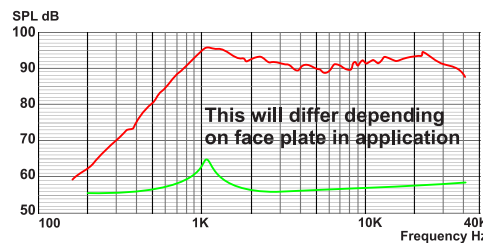
VIFA 3/4" TWEETER MODULE MICRO

*NOW MANUFACTURED BY SCAN-SPEAK DENMARK

NO FACE PLATE - INTERNAL NEODYMIUM MAGNET

Super compact tweeter developed to maximise performance. Large surround to result in good suspension for dispersion and reduced distortion. Treated fabric diaphragm dome. High sensitivity, double wound 20mm voice coil motor. Neodymium rare-earth high flux magnet with heat sink. Low resonance rear chamber for higher dynamic range.

Impedance	4Ω (Re 3.2Ω)
Power	25Wrms(Approx)
Sens.	91dB
Fs	1060Hz
Qms	7.72
Qes	1.70
Qts	1.39
Code	OX20SC00-04

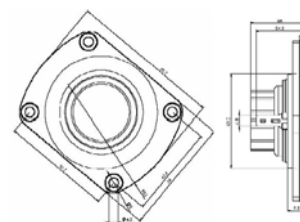
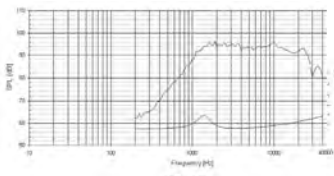


VIFA 1" FABRIC DOME NEODYMIUM

COMPACT FACE PLATE

Smooth-sounding compact soft dome tweeter with high output and response past 30 kHz. High-strength neodymium motor with heatsink fins. Polymer faceplate with recessed waveguide loading. 1" treated soft dome. Neodymium magnet for high output and compact size. Truncated faceplate permits optimal driver spacing.

Impedance	4Ω (Re 3.0Ω)
Power	25Wrms 50Wmax
Sens.	94dB
Fs	1320Hz
Qms	2.9
Qes	1.7
Qts	1.1
Code	BC25SC55-04



VIFA 1" SOFT DOME TWEETER

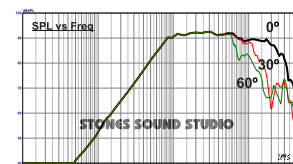
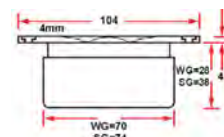
Polymer fascia. Black. Treated cloth dome. Fabric diaphragm. Ferrofluid cooled.

PAE VIFA LOGIC

Impedance	4Ω (Re 3.2Ω)
Power	20Wrms 60Wmax
Sens.	89.7dB
Fs	1140Hz
Le	19.2μH
Qms	2.038
Qes	1.344
Qts	0.810
Code	BC25TG18-04

SHIELDED

Impedance	4Ω (Re 3.2Ω)
Power	20Wrms 60Wmax
Sens.	89.9dB
Fs	1101Hz
Le	18.5μH
Qms	2.020
Qes	1.224
Qts	0.762
Code	BC25SG18-04





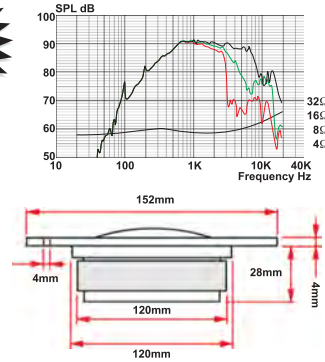
VIFA 3" DOME MIDRANGE

***NOW MANUFACTURED BY SCAN-SPEAK DENMARK**

Precoated textile dome with low moving mass provides a very smooth and natural sound with excellent on & off axis response. Ferro fluid cooled 3" voice coil with internal magnet for a compact installation. Improved linear performance for easy crossover matching with the tweeter and woofer. Requires ~1.5L back chamber box.



Impedance	8Ω (Re 5.9Ω)
Power	80Wrms, 115Wmax
Sens.	92dB
Fs	300Hz
Coil	75mmØ
Mag.	240g
Vifa	D75MX-41-08
Code	D7608-920010

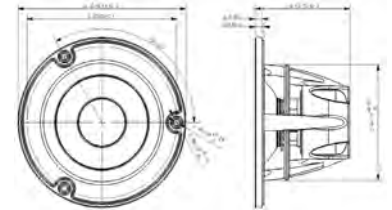
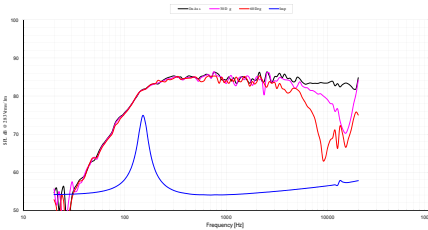


VIFA 2" NE SERIES SPEAKER

NEODYMIUM-IRON-BORON MAGNET

The Vifa NE product line has leading-edge transducer technology packaged in a cutting edge, stylistic design. The basket also is designed to act as a highly coupled heat sink to the Neodymium-Iron- Boron magnet (NdFeB) motor, so as to improve power handling capacity. The cone is aluminium, with a butyl rubber surround designed through finite element analysis for linearity of performance. Wide range or mid driver.

Impedance	4Ω (Re 3.7Ω)
Power	20Wrms (40Wmax)
Sens.	82.2dB
Fs	166Hz
Coil	25.7mmØ 0.04mH
Qms	5.0
Qes	0.74
Qts	0.65
Vas	0.18L
Code	NE65W-04

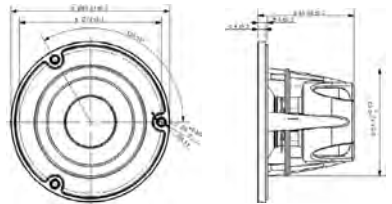
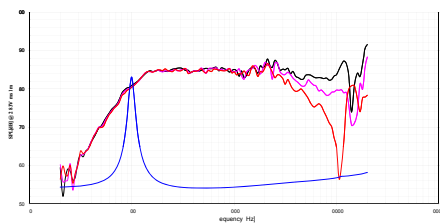


VIFA 2 1/2" NE SERIES SPEAKER

NEODYMIUM-IRON-BORON MAGNET

Cast aluminium basket design which minimizes acoustic reflections inside the driver, through large basket windows and sculpted basket spokes. The basket also is designed to act as a highly coupled heat sink to the Neodymium-Iron-Boron magnet (NdFeB) motor, so as to improve power handling capacity. The cone is aluminium, with a butyl rubber surround designed through finite element analysis for linearity of performance.

Impedance	4Ω (Re 3.7Ω)
Power	20Wrms 40Wmax
Sens.	82.7dB
Fs	105Hz
Coil	25.7mmØ 0.04mH
Qms	8.5
Qes	0.69
Qts	0.64
Vas	0.73L
Code	NE85W-04

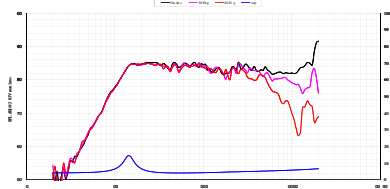
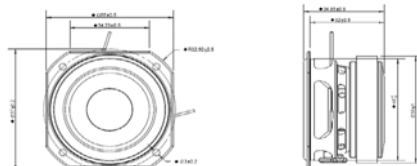


VIFA 2" FULL RANGE

PAPER CONE STEEL FRAME

Brings classic hi-fi capabilities to compact music and media systems. Patented PentaCut paper cone technology improves musicality and accuracy, and the driver features a cost-effective ceramic ferrite magnet. A copper cap on the pole piece controls system impedance, thereby extending the upper frequency range. Ideally suited for use in flat panel televisions and sound bars, MP3 and cell phone docking stations, hi-fi speaker line arrays, and multimedia PCs.

Impedance	4Ω (Re 3.5Ω)
Power	15Wrms (30Wmax)
Sens.	84.4dB
Fs	175Hz
Coil	20mm (0.02mH)
Qms	4.1
Qes	1.29
Qts	0.98
Vas	0.22
Code	TC6FD00-04

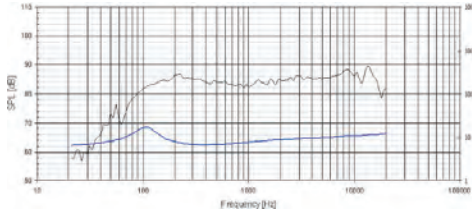
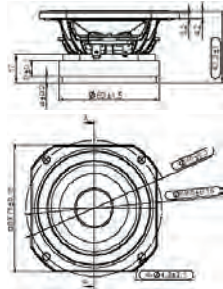




VIFA 3 1/2" FULL RANGE

The TG/TC series offers a high performance full range & midbass solution. Extensive development work with the use of leading-edge technologies. Polymer chassis, NRSC (patented) Glass Fibre Cone & CU-cap pole piece. 110Hz - 15KHz.

Impedance	8Ω (Re 6.2Ω)
Power	50Wrms 100Wmax
Sens.	85.8dB
Fs	110.7 Hz
Coil	20mmØ
Qms	2.11
Qes	1.09
Qts	0.72
Vas	2.0L
Code	TC9FD18-08

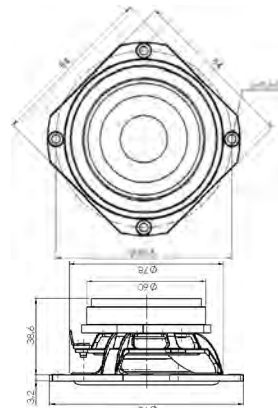
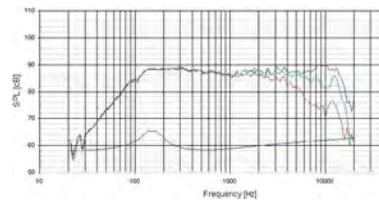


VIFA 3 1/2" FULL RANGE

WHITE FIBREGLASS CONE

The TG/TC series offers a high performance full range & midbass solution. Extensive development work with the use of leading-edge technologies. Polymer chassis, NRSC (patented) Glass Fibre Cone & CU-cap pole piece.

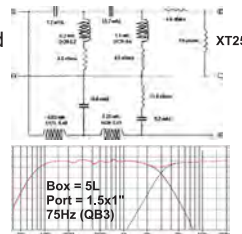
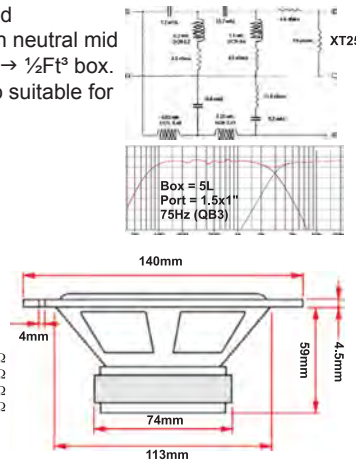
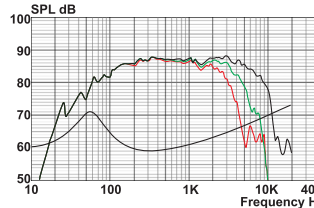
Impedance	4Ω (Re 3.2Ω)
Power	10Wrms, 30Wmax
Sens.	85.3dB
Fs	115 Hz
Coil	20mmØ
Qms	2.67
Qes	1.01
Qts	0.73
Vas	1.4L
Code	TG9FD10-04



VIFA 5" MID-WOOFER

Cast magnesium basket. High damping butyl rubber surround. Mineral filled polypropylene cone. Extra smooth roll-off. Optimized off-axis response with neutral mid range reproduction. Ventilated pole for voice coil cooling. Suit ported 1/4Ft³ → 1/2Ft³ box. Exceptional midrange is well suited for D'Appolito type configurations. Also suitable for midrange where a low crossover frequency is required.

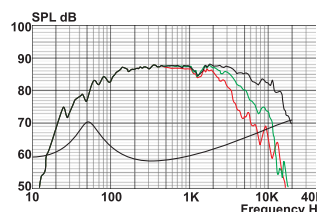
Impedance	8Ω (Re 5.7Ω)
Power	40Wrms (70Wnom)
Sens.	88dB
Fs	60Hz
Coil	25mmØ
Qms	1.38
Qes	0.43
Qts	0.33
Vas	10L
Code	P13WH-00-08



VIFA 5" MID-WOOFER SHIELDED 8Ω

Cast magnesium basket. High damping butyl rubber surround. Poly doped, treated paper cone. Extra smooth response. Double magnet and metal shielding with rear ventilation port. Ideal for home theatre, near TV or PC applications.

Impedance	8Ω (Re 5.6Ω)
Power	75Wmax, 50Wrms
Sens.	88dB
Fs	54Hz
Coil	25mmØ
Mag.	344g 93mmØ
Qms	1.50
Qes	0.46
Qts	0.35
Vas	12L
Code	M13SG-09-08





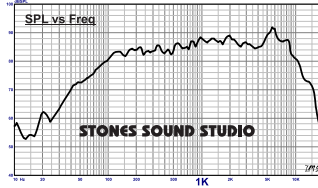
06 SPEAKERS

VIFA 5 1/2" MAGNETICALLY SHIELDED

PAE VIFA LOGIC

Composite polymer chassis polyamide, glass & minerals. Suit 5-10L bass reflex box.

Impedance	5.8Ω (Re 2.1Ω)
Power	30Wrms 110Wmax
Sens.	88.079dB
Fs	55.800Hz
Vas	11.419L
Qms	2.363
Qes	0.475
Qts	0.396
PAE	14SG08
Code	BC14SG76-08

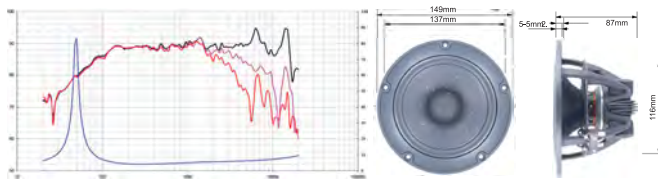


VIFA 5 1/4" NE SERIES SPEAKER

NEODYMIUM-IRON-BORON MAGNET

Vifa's NE Series full-range drivers feature an innovative sculpted, open cast aluminum basket design minimizes internal acoustic reflections. Cone is constructed from coated natural wood fibre, with a butyl rubber surround designed by finite element analysis for linearity of performance. FEA techniques also contribute to the titanium bobbin motor's copper cap, which reduces inductance and extends high frequency performance.

Impedance	4Ω (Re 4.1Ω)	8Ω (Re 6.3Ω)
Power	60Wrms (120Wmax)	60Wrms (120Wmax)
Sens.	89.1dB	87.0dB
Fs	52Hz	54Hz
Coil	38.4mmØ 0.07mH	38.4mmØ 0.08mH
Qms	9.6	8.19
Qes	0.35	0.40
Qts	0.33	0.38
Vas	8.77L	8.54L
Code	NE149W-04	NE149W-08



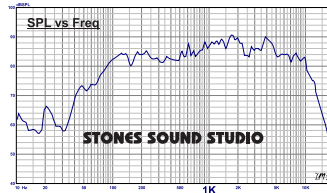
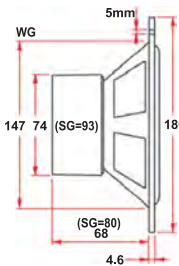


VIFA 6 1/2" MAGNETICALLY SHIELDED

PAE VIFA LOGIC

Composite polymer chassis Dual layer NRSC coated cone. Vented or sealed enclosure.

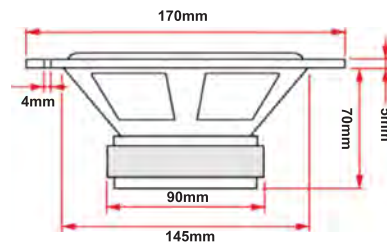
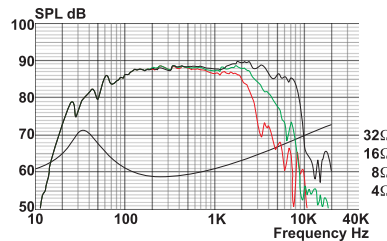
Impedance	5.8Ω (Re 2.1Ω)
Power	40Wrms 160Wmax
Sens.	88.572dB
Fs	46.685Hz
Qms	2.405
Qes	0.672
Qts	0.525
Vas	30.882L
PAE	18SG08
Code	BC18SG08-08



VIFA 6 1/2" MID-WOOFER

Mineral filled poly' cone. Rubber surround. Magnesium basket. Kapton voice coil former. Long throw magnet system. Very popular Classic Vifa driver. Suit 0.35@1Ft³ bass reflex design.

Impedance	8Ω (Re 5.8Ω)
Power	40Wrms (350Wp)
Sens.	88dB
Fs	37Hz
Coil	32mmØ, 0.55mH
Qms	1.55
Qes	0.45
Qts	0.35
Vas	34.7L
Code	P17WJ-00-08

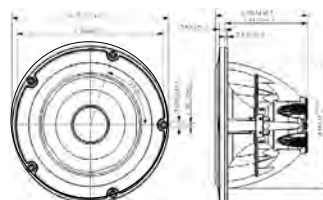
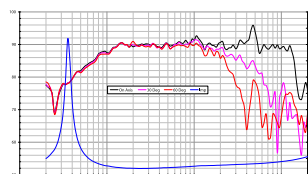


VIFA 6 1/2" NE SERIES SPEAKER

NEODYMIUM-IRON-BORON MAGNET

Vifa's NE Series full-range drivers feature an innovative sculpted, open cast aluminum basket design minimizes internal acoustic reflections. Cone is constructed from coated natural wood fibre, with a butyl rubber surround designed by finite element analysis for linearity of performance. FEA techniques also contribute to the titanium bobbin motor's copper cap, which reduces inductance and extends high frequency performance.

Impedance	4Ω (Re 3.3Ω)	8Ω (Re 6.2Ω)
Power	80Wrms 160Wmax	80Wrms 160Wmax
Sens.	89.8dB	89.2dB
Fs	39Hz	42Hz
Coil	38.4mmØ 0.08mH	38.4mmØ 0.12mH
Qms	8.6	7.4
Qes	0.30	0.41
Qts	0.29	0.39
Vas	22.51L	22.72L
Code	NE180W-04	NE180W-08



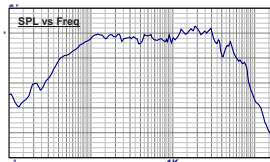
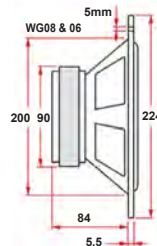


VIFA 8" MID-WOOFER 4Ω

PAE VIFA LOGIC

Composite polymer chassis
Double curved pulp fibre, dual
layer NRSC coated cone.

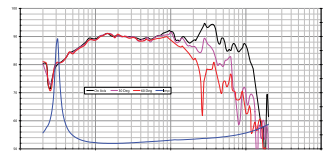
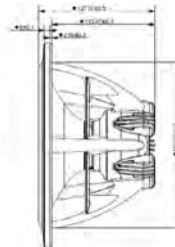
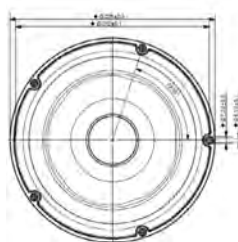
Impedance	4Ω (Re 3.2Ω)
Power	50Wrms 200Wmax
Sens.	90.150
Fs	31.940Hz
Qms	4.534
Qes	0.362
Qts	0.335
Vas	74.688L
PAE	22WJ06
Code	BC22WJ06-04



VIFA 8" NE SERIES SPEAKER

Aero dynamic cast aluminum frame also acts as a heatsink. Sculpted design promotes cooling and reduces reflections. High-strength compact neodymium iron boron motor assembly. Coated natural wood fibre cone with half-roll rubber surround. Pentacone cone technology for improved frequency response. Long-throw voice coil on a 2" diameter titanium former. Copper pole piece cap for extended HF response and lowered back EMF.

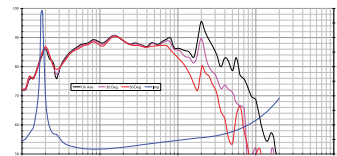
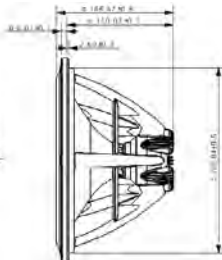
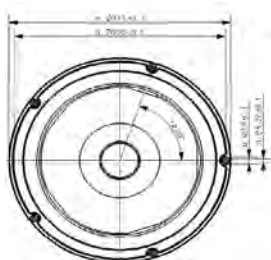
Impedance	4Ω (Re 3.1Ω)
Power	125Wrms 250Wmax
Sens.	90.7dB
Fs	33Hz
Coil	51.3mmØ 0.16mH
Qms	9.8
Qes	0.35
Qts	0.33
Vas	44.82L
Code	NE225W-04



VIFA 12" NE SERIES SPEAKER

Aero dynamic cast aluminum frame also acts as a heatsink. Sculpted design promotes cooling and reduces reflections. High-strength compact neodymium iron boron motor assembly. Coated natural wood fibre cone with half-roll rubber surround. Pentacone cone technology for improved frequency response. Long-throw voice coil on a 2" diameter titanium former. Copper pole piece cap.

Impedance	4Ω (Re 2.8Ω)	8Ω (Re 6.3Ω)
Power	150Wrms (250Wmax)	150Wrms (250Wmax)
Sens.	88.6dB	86.5dB
Fs	20Hz	20Hz
Coil	51.3mmØ 0.38mH	51.3mmØ 0.38mH
Qms	15.6	11.72
Qes	0.32	0.36
Qts	0.31	0.35
Vas	201.7L	161.5L
Code	NE315W-04	NE315W-08





→ Speaker Drivers Audiophile

↓ Peerless

PEERLESS

Now a subsidiary of Tymphany

Since the inception of the loudspeaker in the 1920s, Peerless of Denmark have been manufacturing speaker drivers of exceptional quality sound and adherence to the highest engineering standards and are found in some of the worlds leading home entertainment, automotive and professional electronics.

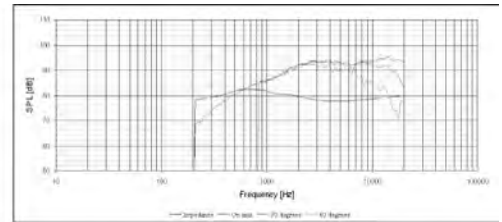


AS USED WITH OUR HDS KIT SPEAKER KITS

PEERLESS DOME TWEETER

PREMIUM EXCLUSIVE AS USED IN OUR HDS KIT SPEAKERS

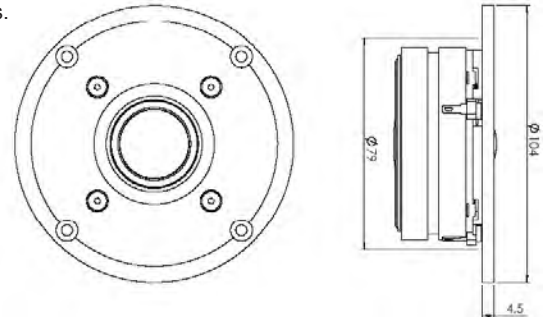
The new Peerless HDS tweeter builds on Peerless' long history of tweeter design by optimizing several key design elements for pure, clean music reproduction. The HDS tweeter uses a very light, low mass "soft dome" with high internal damping, and a highly optimized, low-compression magnet system, which was designed especially for the low mass dome. The result is a driver that has both good sensitivity and an impressive range into the lower frequencies. The low mass dome, coupled with a fully vented motor system provides non-compressed sound reproduction over the entire frequency response. This combination allows the HDS tweeter to be used in systems with lower cross-over points than is recommended for most normal tweeters, making this product a powerful tool for any acoustic designer in the process of tuning a system. The HDS tweeter is ideal for use in applications including home entertainment, studio monitors, and general hi-fi systems.



Power	130Wrms (3Khz+)
Sens.	93dB
Coil	26mm
Mag.	72mm Bucking
Zo	10.82Ω
Re	5.6Ω (dc)
Le	0.03mH
Fs	700Hz
Sd	7.5cm ²
Code	810921



Made In Denmark.

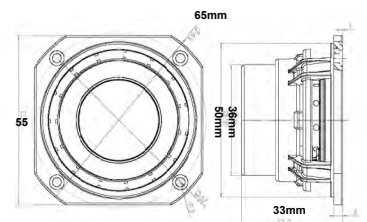
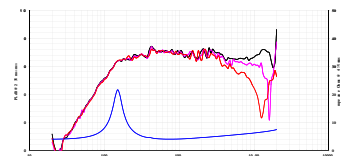


PEERLESS 2" FULL RANGE

EXCELLENCE IN A VERY COMPACT DRIVER

Neodymium magnet. Double ventilated for high power low compression. Long excursion rubber surround. Direct connect dust cap. High power and low distortion. Suit MP3 docking stations and flat TVs, etc. Matches well with the LAT250 and other sub-woofers.

Impedance	4Ω (Re 3.8Ω)
Power	7Wrms 60Wmax
Sens.	82.7dB
Fs	166Hz
Qms	3.9
Qes	0.67
Qts	0.57
Vas	0.18L
Code	830970

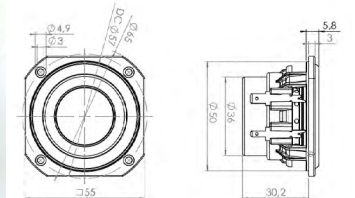
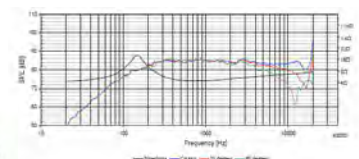


PEERLESS 2" FULL RANGE

EXCELLENCE IN A VERY COMPACT DRIVER

Neodymium magnet. Double ventilated for high power low compression. Long excursion rubber surround. Direct connect dust cap. High power and low distortion. Suit MP3 docking stations and flat TVs, etc. Matches well with the LAT250 and other sub-woofers.

Impedance	4Ω (Re 3.8Ω)
Power	7Wrms 60Wmax
Sens.	85.0dBm
Fs	147.5Hz
Qms	3.06
Qes	0.70
Qts	0.57
Vas	0.2L
Code	830983





06 SPEAKERS

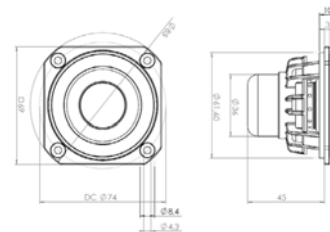
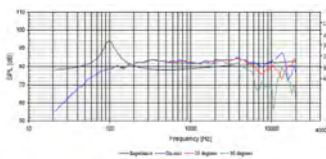
PEERLESS 2.5" FULL RANGE

Neodymium motor structure and double-venting system for high dynamic range and handle more power and dissipate excess heat efficiently. An anodized aluminum dome provides superior sound dispersion and off-axis response. A semi-progressive surround reduces distortion, especially at high output through long excursion. The driver's direct connected dome dust cap (attached to the magnet system voice coil) improves dispersion at high frequencies, providing superior sound at the higher frequencies. The inserted copper cap on the pole piece ensures control of the system impedance, thereby extending the upper frequency range.

Impedance	8Ω (Re 6.3Ω)
Power	7Wrms (60Wmax)
Sens.	82.8dB
Fs	102.3Hz
Qms	5.17
Qes	0.78
Qts	0.68
Vas	0.8L
Code	830984



PAIR WITH LAT250 WOOFER

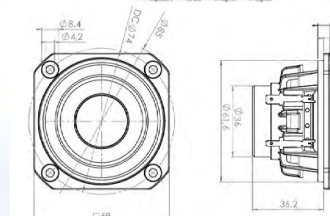
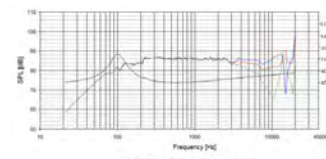


PEERLESS 2 1/2" FULL RANGE

EXCELLENCE IN A COMPACT DRIVER

Neodymium magnet. Double ventilated for high power low compression. Long excursion rubber surround. Direct connect dust cap. High power and low distortion. Suit MP3 docking stations and flat TVs, etc. Matches well with the LAT250 and other sub-woofers.

Impedance	4Ω (Re 3.7Ω)
Power	7Wrms 70Wmax
Sens.	86.5dBm
Fs	101Hz
Qms	3.46
Qes	0.64
Qts	0.54
Vas	0.8L
Code	830985

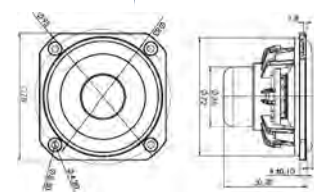
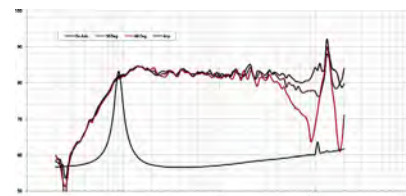


PEERLESS 3" FULL RANGE

EXCELLENCE IN A VERY COMPACT DRIVER

Neodymium magnet. Double ventilated for high power low compression. Long excursion rubber surround. Aluminium dust cap directly connects to the voice coil to extend power handling and frequency response. Polypropylene cone with PU Rubber inverted semi-progressive roll surround. Copper cap pole piece.

Impedance	8Ω (Re 6.2Ω)
Power	20Wrms 70Wmax
Sens.	82.6dB
Fs	83.8Hz
Qms	6.10
Qes	1.11
Qts	0.94
Vas	1.05L
Code	830987

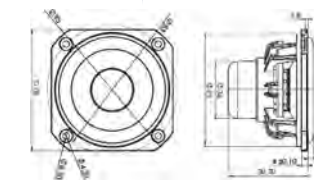
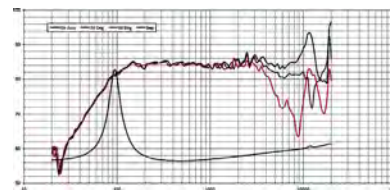


PEERLESS 3" FULL RANGE

EXCELLENCE IN A VERY COMPACT DRIVER

Neodymium magnet. Double ventilated for high power low compression. Long excursion rubber surround. Aluminium dust cap directly connects to the voice coil. Extends power handling and frequency response. Poly cone. Copper cap on the pole piece for low induction and reduced electrical distortions.

Impedance	8Ω (Re 6.8Ω)
Power	20Wrms 60Wmax
Sens.	84.2dBm
Fs	83.8Hz
Qms	5.04
Qes	0.67
Qts	0.59
Vas	1.8L
Code	830986

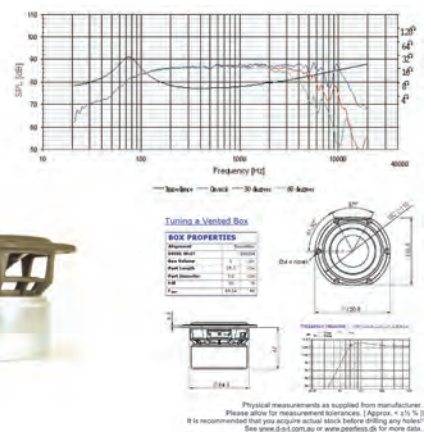




PEERLESS 4" MID-WOOFER HDS-POLY SHIELDED

Peerless High Definition Sound Polypropylene cone, rubber surround, aluminium ventilated, aerodynamic and extremely rigid frame with an open voice coil for low compression and high power handling. Suitable for close to TV Monitor applications like computer audio and home theatre. Fantastic performance in a very compact package.

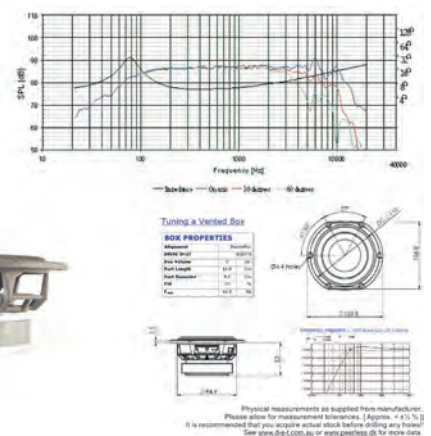
Impedance	30.3Ω (Re 5.3Ω)
Power	80Wmax (20Hz-7KHz)
Sens.	868.8dB
Fs	75.7Hz
Coil	26mmØ
Qms	2.66
Qes	0.56
Qts	0.46
Vas	3.2L
Code	830854



PEERLESS 4" MID-WOOFER HDS-POLY POLYPROPYLENE CONE

A new, extremely versatile driver offering incredible performance for super compact size! Bass down to 60Hz in only a 5 litre cabinet. Peerless High Definition Sound Polypropylene cone, rubber surround, aluminium ventilated, aerodynamic and extremely rigid frame with an open voice coil for low compression and high power handling.

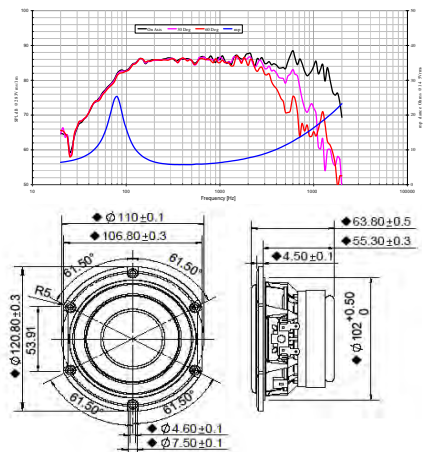
Impedance	30.8Ω (Re 5.2Ω)
Power	80Wmax (20Hz-7KHz)
Sens.	87.0dB
Fs	77.6Hz
Coil	26mmØ
Qms	3.19
Qes	0.65
Qts	0.54
Vas	3.0L
Code	830870



PEERLESS 4" MID-WOOFER HDS-GFC

Peerless High Definition Sound (HDS) high performance transducer technology offering exceptional value-for-performance for woofers and midrange drivers. Powerful, low-distortion ferrite magnet systems are coupled to finite element analysis designed suspension systems. Glass-Fibre Composite (GFC) cone material.

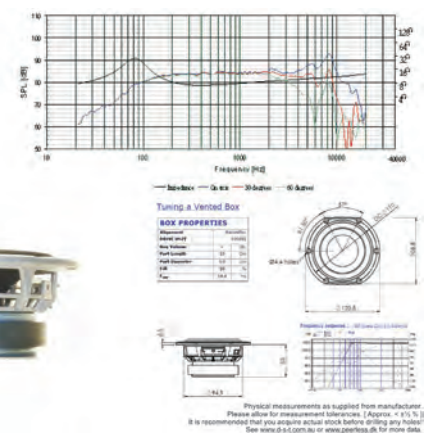
Impedance	6Ω (Re 5.3Ω)
Power	30Wrms
Sens.	85.9dBm
Fs	89Hz
Coil	25mm(Le0.24mH)
Qms	3.00
Qes	0.72
Qts	0.58
Vas	2.41L
Code	830992



PEERLESS 4" MID-WOOFER HDS-EX

Silver Phase Plug for maximizing this units excellent performance. Modern coloured, Silver, rigid, aerodynamic cast-aluminium basket. Nomex fibre paper pulp cone. Rubber surround. Double bonded former. Open aluminium voice coil. Highest power with minimum compression.

Impedance	30.6Ω (Re 6.8Ω)
Power	100Wmax (20Hz-7KHz)
Sens.	84.0dB
Fs	81.2Hz
Coil	26mmØ (1mH)
Qms	2.31
Qes	0.55
Qts	0.45
Vas	2.0L
Code	830881



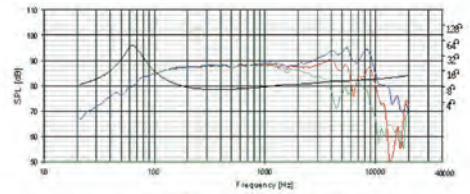
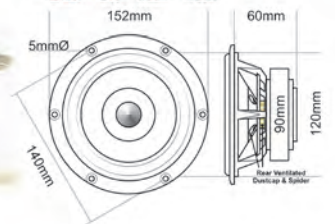


PEERLESS 5" MID-WOOFER HDS-EX

EXCLUSIVE SERIES PHASE PLUG

Modern silver coloured Phase Plug and cast-aluminium basket. Nomex fibre paper pulp cone. Rubber surround. Double bonded former. Open aluminium voice coil. Highest power with minimum compression. Optimised for compact Bass-reflex designs. 6 litre box gives 70Hz.

Impedance	58.3Ω (Re 6.7Ω)
Power	150Wmax (20Hz-7KHz)
Sens.	88.2dB
Fs	64.5Hz
Coil	26mmØ (1mH)
Qms	3.85
Qes	0.43
Qts	0.39
Vas	7.2L
Code	831882



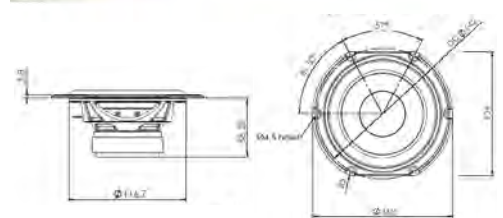
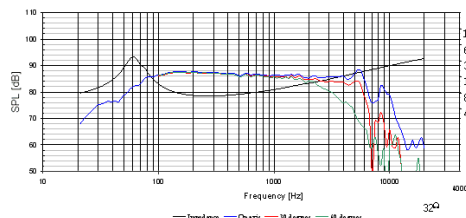
Physical measurements as supplied from manufacturer. Please allow for measurement tolerances. (Approx. $\pm 1\%$). It is recommended that you acquire actual stock before drilling any holes! See www.sds.dk or www.peerless.dk for more data.

PEERLESS 5" MID-WOOFER

SDS STAMPED STEEL CHASSIS

Superior Dynamic Sounds (SDS) Series provides the lowest cost/highest-quality woofers. The SDS woofers are characterized by their very smooth frequency response all the way into the midrange, with low distortion and consistent off-axis performance. Applying the best in Danish engineering, but manufactured to be very affordable, these audio transducers are ideal for use in small surround sound systems and other hi-fi applications.

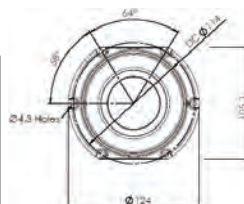
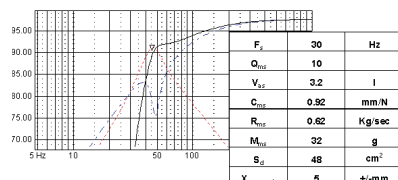
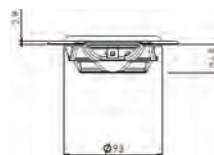
Impedance	8Ω (Re 6Ω)
Power	60Wrms (110Wmax)
Sens.	87dB
Fs	62.4Hz
Qms	3.63
Qes	0.63
Qts	0.54
Vas	9.2L
Code	830656



PEERLESS 3.5" PASSIVE

Alternative to overlong ports, passive radiators offer designers a well-proven method of extending and enhancing bass response. The Superior Dynamic Sounds (SDS) Series provides the smallest but highest-quality subwoofers in the industry today. Leveraging the best in Danish craftsmanship, but manufactured to be very affordable, these audio transducers are ideal for use in small surround sound systems, but can also be used in a wide variety of end user products and applications for multimedia audio reproduction.

Impedance	Null
Fs	29Hz
Qms	10
Vas	3.2L
Code	830878





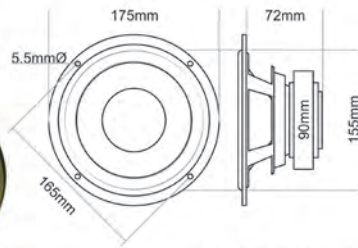
06 SPEAKERS

PEERLESS 6 1/2" MID-WOOFER POLY-NYLON

CLASSIC WITH STEEL FRAME

Unique austere polypropylene one piece cone with rubber roll surround. Large diameter aluminium voice coil for high long term power. An efficient smooth performer at a cost effective price keeps this driver in popular demand.

Impedance	32.2734Ω (Re 6.25Ω)
Power	150Wrms (20Hz-5KHz)
Sens.	88.4803dBm
Fs	53.0048Hz
Coil	26mmØ
Qms	2.3952
Qes	0.5753
Qts	0.4639
Vas	17.6891L
Code	831916

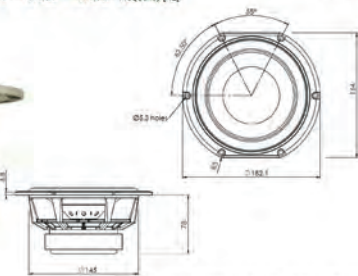
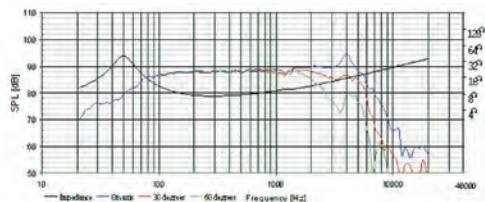


Physical measurements taken from actual stock. Please allow for measurement tolerances. (Approx. $\pm 1\%$). It is recommended that you acquire actual stock before drilling any holes. See www.wespcomponents.com/peerless or www.peerless.ds for more data.

PEERLESS 6 1/2" MID-WOOFER HDS-POLY

Peerless High Definition Sound Polypropylene cone, rubber surround, aluminium ventilated, aerodynamic and extremely rigid frame with an open voice coil for low compression and high power handling. Premium audio driver for excellence in performance by Peerless. Single or multi-driver setups. 16L Bass-reflex cabinet gives 45Hz.

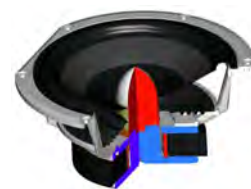
Impedance	43Ω (Re 6.4Ω)
Power	150Wmax (20Hz-5KHz)
Sens.	87.8dB
Fs	47.3Hz
Coil	33mmØ
Qms	2.73
Qes	0.47
Qts	0.40
Vas	16.7L
Code	830874



Physical measurements as supplied from manufacturer. Please allow for measurement tolerances. (Approx. $\pm 1\%$). It is recommended that you acquire actual stock before drilling any holes. See www.ds-1.com.au or www.peerless.ds for more data.

PEERLESS - AS USED IN OUR HDS SPEAKER KITS

**QUICK CONSTRUCT
KITS COMPLETE
FULLY PRE-BUILT
CROSSOVERS**



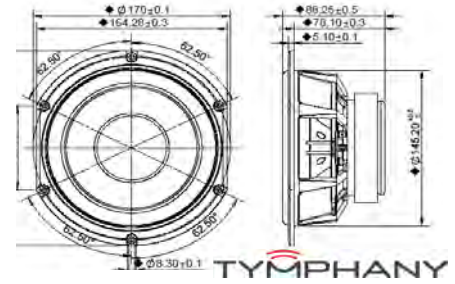
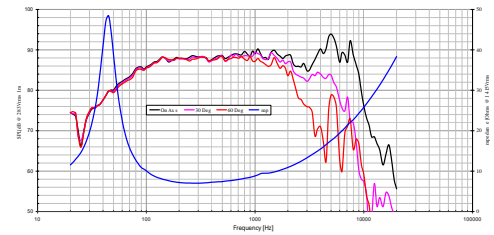


PEERLESS 6 1/2" MID-WOOFER HDS-GFC

GLASS FIBRE CONE

Peerless High Definition Sound (HDS) high performance transducer technology offering exceptional value-for-performance for woofers and midrange drivers. Powerful, low-distortion ferrite magnet systems are coupled to finite element analysis designed suspension systems. Glass-Fibre Composite (GFC) cone material

Impedance	6.9Ω (Re 6.2Ω)
Power	50Wrms
Sens.	8804dB
Fs	46Hz
Coil	32mm
Qms	3.10
Qes	0.44
Qts	0.3
Vas	20L
Code	830990

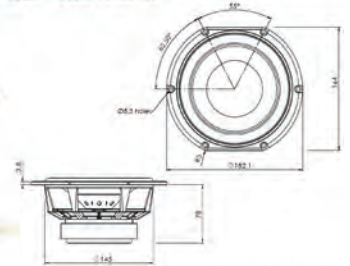
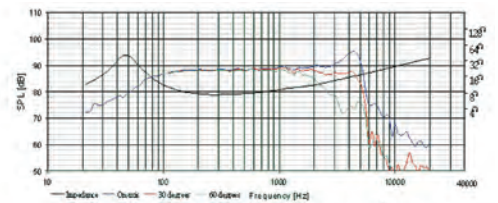


PEERLESS 6 1/2" MID-WOOFER HDS-NOMEX

FIBRE PULP NOMEX CONE

Premium HDS driver optimised for small cabinet, single or multi-driver. Peerless High Definition Sound Series pushes the performance limits producing impressive sound quality sustainable at very high volumes. Nomex fibre paper pulp. Rubber surround. Inverted Nomex dust cap. Rigid aerodynamic aluminium cast basket with open aluminium voice coil. Beautifully smooth in performance down to below 50Hz in a 15L cabinet.

Impedance	44.0 (Re 6.4Ω)
Power	150Wmax (20Hz-3KHz)
Sens.	88.6dBm
Fs	48.1Hz
Coil	33mmØ
Qms	2.67
Qes	0.45
Qts	0.39
Vas	17.6L
Code	830875



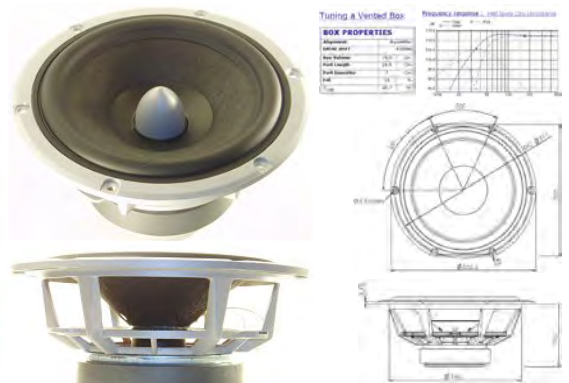
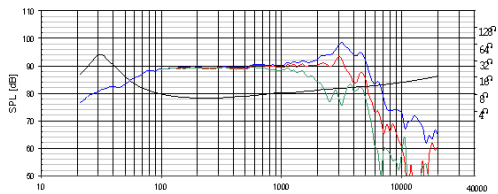
Physical measurements as supplied from manufacturer. Please allow for measurement tolerances. [Approx. < 1%] It is recommended that you acquire actual stock before drilling any holes! See www.d-s-l.com.au or www.peerless.de for more data.

PEERLESS 6 1/2" MID-WOOFER HDS-EX

EXCLUSIVE SERIES PHASE PLUG

Modern, unique style and size. Silver coloured Phase Plug and basket. Black Nomex fibre paper pulp cone, rubber surround & double bonded former. High power open ventilated aluminium voice coil. Premium audiophile unit. Optimised for compact Bass-reflex designs. 15 litre box gives 45Hz.

Impedance	38.1Ω (Re 6.7Ω)
Power	160Wmax (20Hz-7KHz)
Sens.	87.5dB
Fs	52.3Hz
Coil	33mmØ (1.3mH)
Qms	2.79
Qes	0.50
Qts	0.43
Vas	13.0L
Code	830883



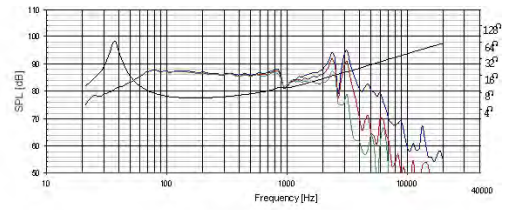
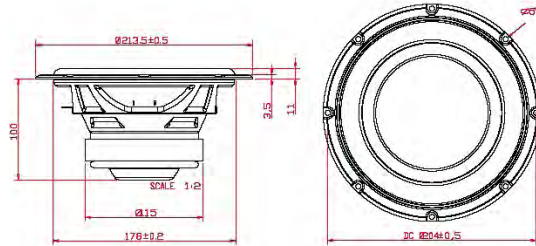


06 SPEAKERS

PEERLESS 8" WOOFER SLS PAPER

Heavy-Duty steel frame, strength curved with low compression ventilation. Pressed and coated paper cone for a crisp, lean, dry bass reproduction. Rubber surround. Extended backplate. Vented, undercut pole piece. Aluminium 40mm high-temp 250°C voice coil with 24mm long linear exertion. Box eg. Closed 25L(55Hz) Lower when vented.

Impedance	8Ω (Re 5.9Ω)
Power	220Wrms
Sens.	87.2dBm
Fs	36.5Hz
Coil	39mmØ
Qms	7.80
Qes	0.59
Qts	0.54
Vas	33.1L
Code	830667

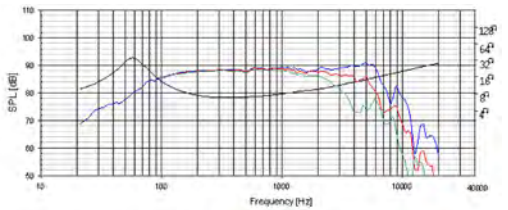
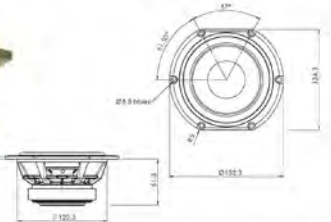


PEERLESS 8" WOOFER HDS-POLY

POLYPROPYLENE CONE

Peerless High Definition Sound Polypropylene cone, rubber surround, aluminium ventilated, aerodynamic and extremely rigid frame with an open voice coil for low compression and high power handling. Optimised for a flat response in a tuned ported box of only 2Ft³ Outputs 110dB of clean smooth bass down to -3dB at only 30Hz!

Impedance	57.2Ω (Re 5.5Ω)
Power	150Wmax (20Hz-7KHz)
Sens.	90.1dB
Fs	32.5Hz
Coil	33mmØ
Qms	4.09
Qes	0.44
Qts	0.40
Vas	63.4L
Code	831868



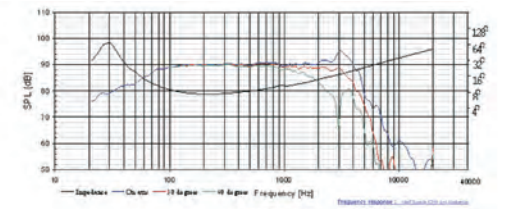
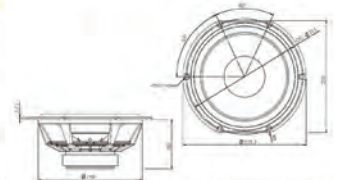
Physical measurements as supplied from manufacturer. Please allow for measurement tolerances. (Approx. ±1%) It is recommended that you acquire actual stock before drilling any holes! See www.cas.com.au or www.peerless.us for more data.

PEERLESS 8" WOOFER HDS-NOMEX

AS USED IN OUR HDS SUB-WOOFER KIT

Excellence in powerful articulate sound for larger floor standing units. Peerless High Definition Sound Series pushes the performance limits producing impressive sound quality sustainable at very high volumes. Nomex fibre paper pulp. Rubber surround. Inverted Nomex dust cap. Rigid aerodynamic aluminium cast basket with open aluminium voice coil. Flat response 1Ft³ box 45Hz. With some tuning, 2½Ft³ box gives 33Hz!

Impedance	81.5Ω (Re 6.0Ω)
Power	150Wmax (20Hz-3KHz)
Sens.	90.0dBm
Fs	29.5Hz
Coil	33mmØ
Qms	3.94
Qes	0.31
Qts	0.29
Vas	76.1L
Code	830869



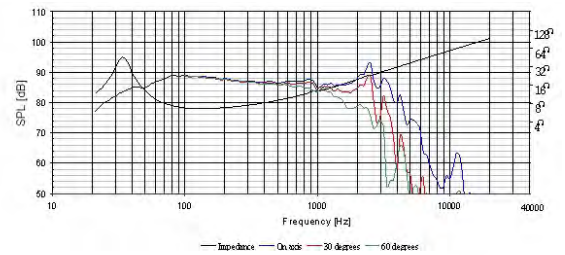
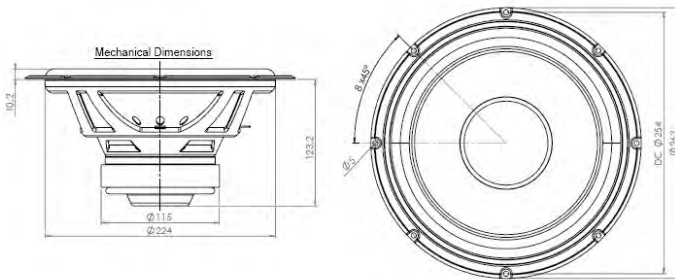
Physical measurements as supplied from manufacturer. Please allow for measurement tolerances. (Approx. ±1%) It is recommended that you acquire actual stock before drilling any holes! See www.cas.com.au or www.peerless.us for more data.



PEERLESS 10" WOOFER SLS PAPER

Heavy-Duty steel frame, strength curved with low compression ventilation. Pressed and coated paper cone for a crisp, lean, dry bass reproduction. Rubber surround. Extended backplate. Vented, undercut pole piece. Aluminium 40mm high-temp 250°C voice coil with 24mm long linear exertion. Box eg. Closed 30-45L, Vented 35-50L

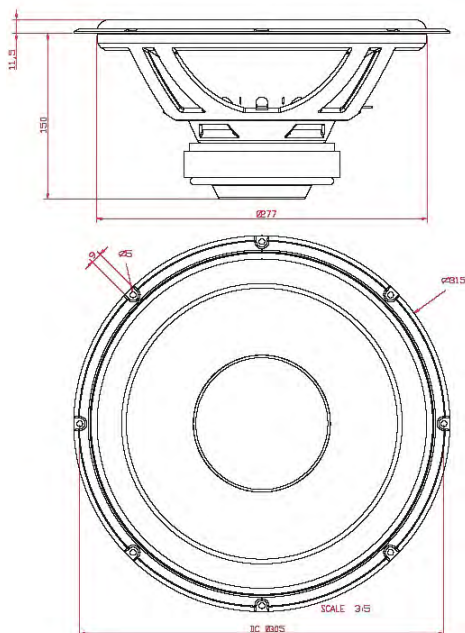
Impedance	8Ω (Re 6.3Ω)
Power	200Wrms
Sens.	91.2dBm
Fs	28.0Hz
Coil	39mmØ
Qms	5.67
Qes	0.58
Qts	0.52
Vas	87.7L
Code	830668



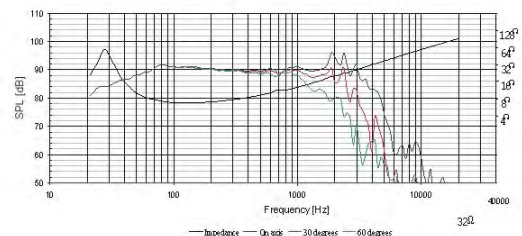
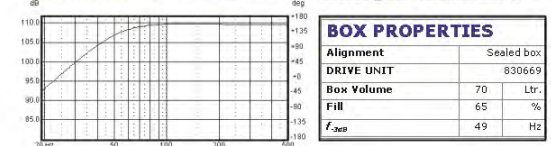
PEERLESS 12" WOOFER SLS PAPER

Heavy-Duty steel frame, strength curved with low compression ventilation. Pressed and coated paper cone for a crisp, lean, dry bass reproduction. Rubber surround. Extended backplate. Vented, undercut pole piece. Aluminium 40mm high-temp 250°C voice coil with 24mm long linear exertion. Box eg. Closed 30-45L, Vented 35-50L

Impedance	8Ω (Re 6.3Ω)
Power	200Wrms
Sens.	91.2dBm
Fs	28.0Hz
Coil	39mmØ
Qms	6.70
Qes	0.51
Qts	0.47
Vas	172.4L
Code	830669



Frequency response : Half Space (2m) 1m distance Tuning a Sealed Box





06 SPEAKERS

XTRA-LONG-STROKE 10"

PEERLESS SUBWOOFERS

By introducing the new range of Xtra Long Stroke (XLS) subwoofers, Peerless has pushed the performance limits for subwoofers to a new level. The XLS/subwoofer range will fulfil every demand for deep clean bass reproduction like active THX home theatre and Dolby Digital subwoofer applications.



A. Aluminum Spacer serves as heat sink for the coil to reduce power compression.

B. Black Anodized Voice Coil The 2-inch voice coil is wound on thick black anodized aluminum for improved heat dissipation.

C. Stacked Magnet System The twin stacked magnetic system is optimized by FEA (Finite Element Analysis), to create a symmetric powerful magnetic field in the air gap, and provide space for the 50 mm max excursion of the voice coil.

D. Distortion Reduced Motor A long multi layer voice coil normally results in high self induction and impedance varying with excursion. Its many ampere turns react on the magnetic field in the air gap. These two main factors causing motor distortion in subwoofers are practically eliminated by the combined impact of the Aluminum Short Circuiting Ring (D) and the Aluminum Spacer (A) on the pole piece. At the same time they both contribute as heat sinks for the voice coil, reducing power compression. The result is unbelievable clean bass reproduction.

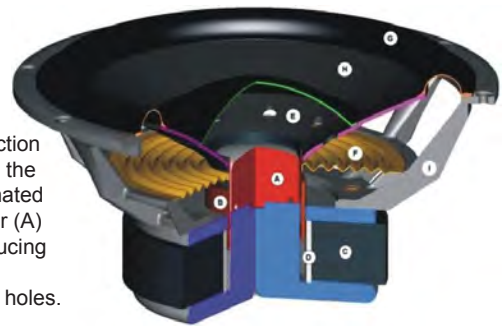
E. Vented Cone To eliminate compression under the dust cap the cone is vented by 8 large holes. This way the coil is cooled and there is no need for a bore in the pole piece.

F. Nomex® Spider The spider is made of high tech Nomex® material. This material is chosen for its high rigidity and long term stability. The suspension will stay in shape for a very long time under heavy load.

G. Rubber Surround The surround is made from SBR rubber because of the wide operating temperature, low creep and long term reliability.

H. Fiber Composite Cone The cone is molded from a propriety air dried wood free pulp with a blend of Nomex® and glass fibers bonded together by deep impregnation with polymers. The blend also contains special material in order to make the cone Waterproof. This creates an ultra stiff and relatively light cone that will stay stable even under very large sound pressures.

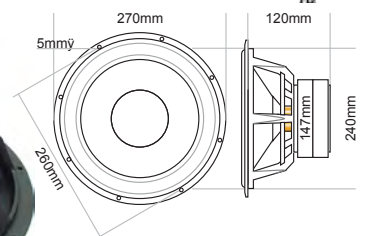
I. Rigid Cast Aluminum Basket The rigid cast basket with an aerodynamic profile provides the necessary sturdy base for the magnet structure and suspension and allows for the 50 mm max excursion of the cone. The spider is ventilated to achieve the lowest possible compression and allow air to flow freely to create a cooling effect for the voice coil.



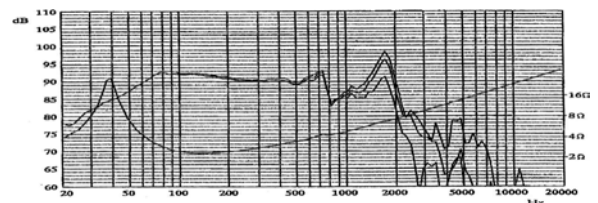
XLS 10" XTRA-LONG-STROKE 4Ω (2½Ω)

Design principles & the latest materials in the XLS range have achieved a new generation of low-frequency transducer. This range of subwoofers will pound the competition in both low frequency muscle and accuracy. A low Vas means a small box. For car applications this can be very small. Double magnet. Cast Aluminium frame. Ventilated coil. Suit sealed/vented/passive.

Impedance	2.4Ω (Re 1.8Ω)
Power	300Wrms
Sens.	92.2dBm
Fs	39.4Hz
Coil	51mmØ
Qms	6.37
Qes	0.42
Qts	0.39
Vas	21.4L
Code	830514



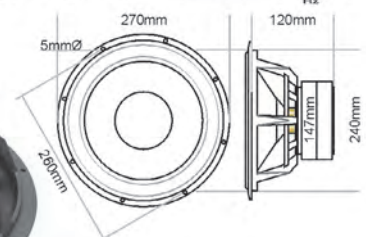
Physical measurements taken from actual stock. Please allow for measurement tolerances. (Approx. ±4%) It is recommended that you acquire actual stock before drilling any holes! See www.83.com.au or www.peerless.com.au for more data.



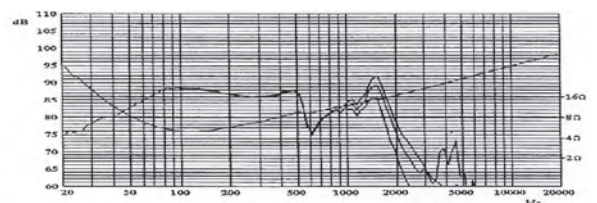
XLS 10" XTRA-LONG-STROKE 8Ω (5Ω)

This is a new range from Peerless to suit the unlimited demands of bass hungry enthusiasts in home or automotive audio. Emphasis has been placed in design to achieve extremely deep bass, long time reliability, high power handling and very low distortion or compression under very large sound pressures. Suitable for sealed or vented box or passive radiator.

Impedance	53.3Ω (Re 4.9Ω)
Power	300Wrms
Sens.	88.4dBm
Fs	18.9Hz
Coil	51mmØ
Qms	2.63
Qes	0.18
Qts	0.17
Vas	80.2L
Code	830452



Physical measurements taken from actual stock. Please allow for measurement tolerances. (Approx. ±3%) It is recommended that you acquire actual stock before drilling any holes! See www.83.com.au or www.peerless.com.au for more data.

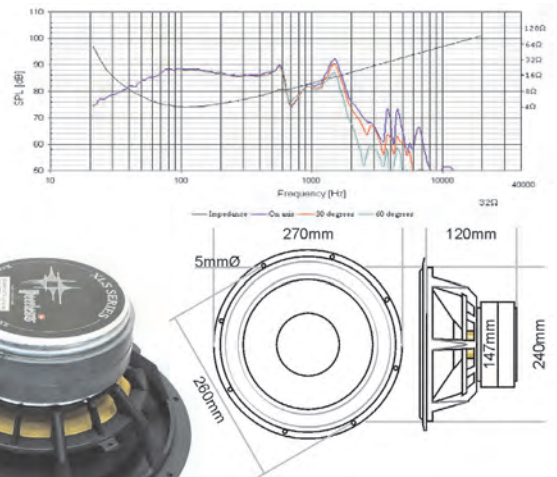




XXLS 10" XPANDED-XTRA-LONG-STROKE 4Ω (3.9Ω)

The new range of Xpanded Xtra Long Stroke (XXLS) subwoofers from Peerless has pushed the performance limits for subwoofers again. XXLS have unexcelled long exertion performance with very low distortion. Mechanically robust, yet highly efficient, low Fs and low Qt. Suitable for small vented boxes. Optimised for passive-radiator cabinets.

Impedance	122.5Ω (Re 3.9Ω)
Power	350wRMS
Sens.	88.4dB
Fs	19.2Hz
Coil	51mm
Qms	8.74
Qes	0.19
Qts	0.19
Vas	88.4L
Code	830842



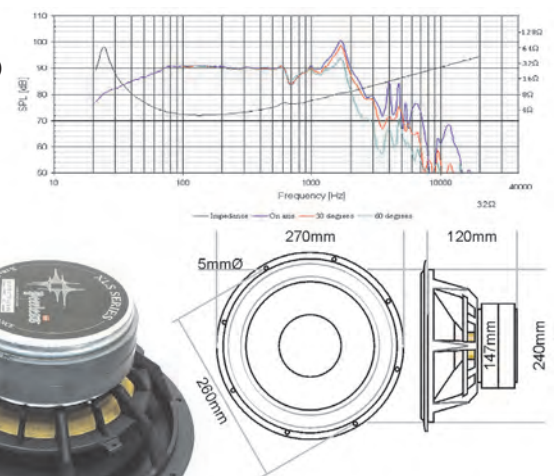
Physical measurements taken from actual stock. Please allow for measurement tolerances (Approx. ±4.5%). It is recommended that you acquire actual stock before drilling any holes! See www.aescomponents.com/peerless or www.peerless.dk for more data.

XXLS 10" XPANDED-XTRA-LONG-STROKE 8Ω+8Ω

DUAL VOICE COILS

Dual voice coils for connection flexibility like using one woofer in a home-stereo satellite setup. Optimised for tuning in a vented enclosure, keeping port velocities and box volumes to a minimum. A ported box of 48 litres tuned to 27Hz (450x90mmØ Port) gives 32.6Hz. Specifications below are measured with the coils wired in parallel.

Impedance	71.5Ω (Re 3.1Ω)
Power	350Wrms
Sens.	91.0dBm
Fs	24.3Hz
Coil	51mmØ
Qms	9.24
Qes	0.34
Qts	0.33
Vas	81.8L
Code	830846

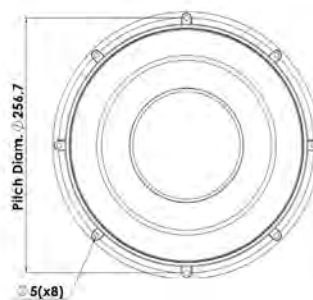
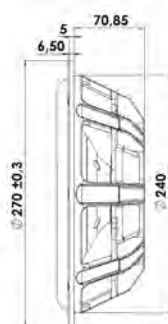


Physical measurements taken from actual stock. Please allow for measurement tolerances (Approx. ±4.5%). It is recommended that you acquire actual stock before drilling any holes! See www.aescomponents.com/peerless or www.peerless.dk for more data.

XXLS 10" PASSIVE RADIATOR

Identical to a 10" XLS driver but without a magnet and the voice coil has been replaced with a weight. Passive radiators replace the port by adding a mass equivalent to the volume of air in a 10" tube. This eliminates air velocity noises and enables very low tuning F without ridiculously long or narrow port dimensions. Suit small enclosures. You can fine tune this mass by adding weight to the M5 threaded hole enabling excellent control over the final design. See www.tymphany.com for data sheets and box sizes suggestions. Made in Denmark by ScanSpeak.

Fs	11Hz
Qms	13.7
Vas	95L
Cms	0.55mm/N
Rms	1.97Kg/s
Mms	400g
Sd	352cm ²
Xmax	28mm
Code	26W/0-00-00





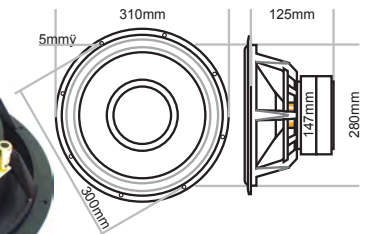
06 SPEAKERS

XLS 12" XTRA-LONG-STROKE 4Ω (2.2Ω!)

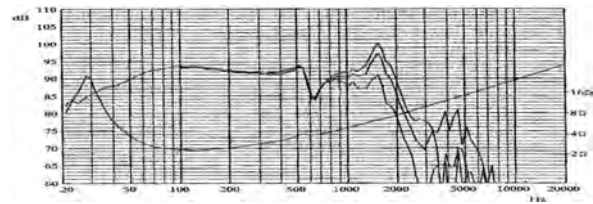
LOW IMPEDANCE

Ballistic performance driver tweaked for use in car audio applications giving you advantages that will annihilate the competition. Specifications are best suited for small enclosure systems with very, very high current output amplifiers (2Ω rated amp required). Very clean. Very smooth. Double magnet. Cast iron frame. Gold 4mm binding posts. Massive sound.

Impedance	28.9Ω (Re 2.2Ω)
Power	300Wrms
Sens.	93.5dBm
Fs	28.2Hz
Coil	51mmØ
Qms	4.81
Qes	0.32
Qts	0.30
Vas	80.5L
Code	830515



Physical measurements taken from actual stock.

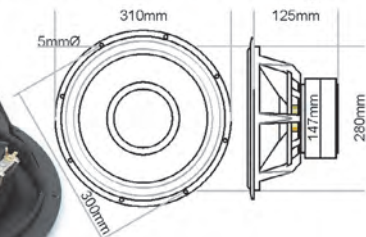


XLS 12" XTRA-LONG-STROKE 8Ω (4.7Ω!)

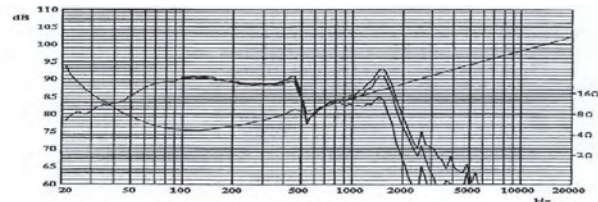
EXCELLENT HOME THEATRE SUB-WOOFER

XLS subwoofers will suit unlimited demands of bass hungry enthusiasts in home theatre and audio. Emphasis has been placed in design to achieve extremely deep and accurate bass, reliability, high power handling and very low distortion & compression even under very large sound pressures. Double magnet. Cast iron frame. Gold 4mm binding posts. Home or Car.

Impedance	64.2Ω (Re 4.7Ω)
Power	300Wrms
Sens.	90.6dBm
Fs	18.1Hz
Coil	51mmØ
Qms	3.70
Qes	0.21
Qts	0.20
Vas	136.8L
Code	830500



Physical measurements taken from actual stock. Please allow for measurement tolerances. (Approx. ± 0.5%) It is recommended that you acquire actual stock before drilling any holes! See www.peerless-d.com.au or www.peerless-d.com for more data.

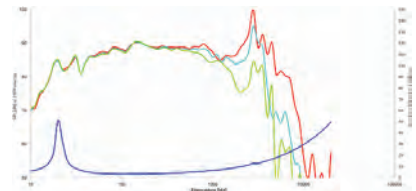
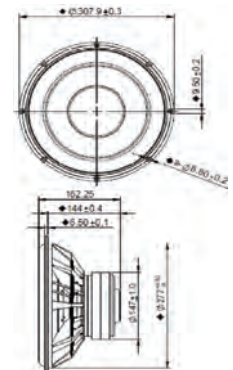


XXLS 12" XPANDED-XTRA-LONG-STRONG AU 4Ω (2.6Ω)

ALUMINIUM CONE BLACK

This series of state-of-the-art subwoofers continues to enhance Peerless's reputation for delivering the highest quality components for bass. Called the XXLS—for "Xpanded Extra Long Stroke"—these audio transducers add even more excursion to the Peerless XLS line while completely eliminating distortion. The XXLS line features a strong yet attractive cast frame, reinforced aluminum cone, flat spider, and generous under-spider venting. The magnet system incorporates multiple distortion-canceling fixtures.

Impedance	4Ω (Re 2.6Ω)
Power	350Wrms
Sens.	90.6dB
Fs	19.4Hz
Qms	7.8
Qes	0.36
Qts	0.34
Vas	169L
Code	835017



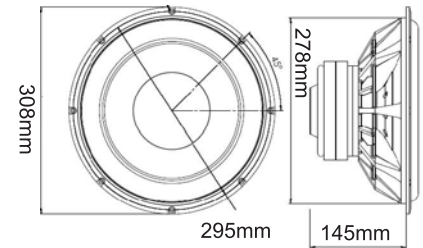
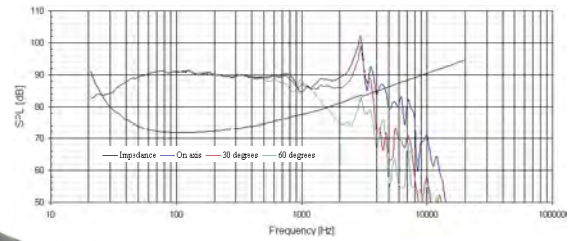


XXLS 12" XPANDED-XTRA-LONG-STROKE 4Ω (AI)

ALUMINIUM CONE

The new range of Xpanded Xtra Long Stroke (XXLS) subwoofers from Peerless has pushed the performance limits for subwoofers again. XXLS has unexcelled long exertion performance with very low distortion. Mechanically robust, yet highly efficient, low Fs and low Qt. Suitable for small vented boxes.

Impedance	65.7Ω (Re 3.9Ω)
Power	350Wrms
Sens.	91.2dB
Fs	19.1Hz
Coil	51mm
Qms	9.29
Qes	0.38
Qts	0.37
Vas	159L
Code	830952

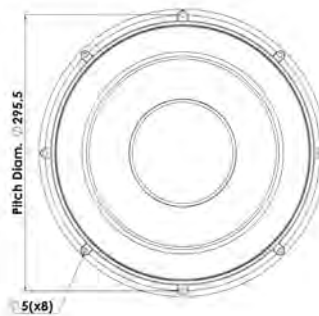
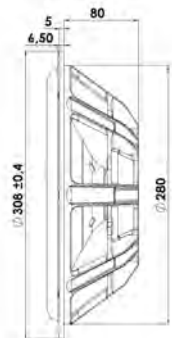


XXLS 12" PASSIVE RADIATOR

MASS 425g

Identical to the XLS/XXLS drivers, but without a magnet or voice coil. Available in two mass weightings, further weight can be added enabling excellent control over the final design. Eliminate air velocity noises and achieve a low tuning F without ridiculously long port dimensions. Best matched with 12" XLS driver for a box volume of 40 to 50L (17Hz) Available with 2 choices of ballast: Made in Denmark by ScanSpeak.

Fs	9.5Hz
Qms	14
Vas	200L
Cms	0.62mm/N
Rms	1.84Kg/s
Mms	435g
Sd	466cm ²
Xmax	28mm
Code	30W/0-00-00



XLS1000 SUBWOOFER KIT//**//

TRUE SUBSONIC PERFORMANCE

True audiophile cabinetry design and implementation of this impressive XLS speaker system. Single box with forward firing 830500 and tuned with a 30W/0-00-00 passive radiator to achieve true subsonic performance with a flat frequency response down below 20Hz. Built-In 200Wrms amplifier option has been enhanced by SSS. All aspects of the design and construction is super superior to what's generally available retail. Make your own and save while achieving the best available in true subwoofer audiophile system. For details see our kit section towards the end of section 06....

Type	CABINET ONLY		NO AMP VERSION		WITH AMP	
Feature Panel	Black Panel	Jarrah	Black Panel	Jarrah	Black Panel	Jarrah
Code	CAB1000PF	CAB1000JA	KIT1000PF	KIT1000JA	KIT1002PF	KIT1002JA





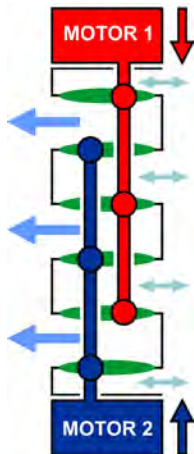
06 SPEAKERS

→ Speaker Drivers Audiophile LAT Sub-woofer

LINEAR ARRAY TRANSDUCER (LAT)

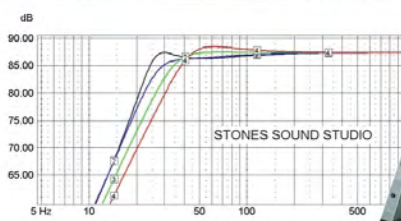
Tympany Cylindrical Sub-Woofers

A redesign of the subwoofer that enables big sound without a typically large driver. This revolutionary compact unit is the first audio transducer to enable great bass to the new generation of consumer lifestyle products by delivering a richer sound experience to places never before thought possible. With its new slim shape, no mechanical vibration, and sleek styling, the Tympany LAT represents a significant breakthrough in transducer technology. For example, the Tympany LAT500 packs the power of TWO 10" subwoofers into a thin tube-shaped transducer only 5" wide! A conventional cabinet is still required, however, the LAT allows greater flexibility for unique aesthetically enhanced designs.



ADD STYLE, REDUCED VIBRATION & SIZE TYMPHANY CHANGING THE SHAPE OF TODAY'S AUDIO !

In a departure from conventional cone transducers that displace air across a single diaphragm, the LAT displaces air using a linear array of multiple smaller diaphragms. The result is a more efficient geometry for a given SPL. So instead of the typical round faced cone driver staring at you, there is a dramatic, modern, unique and individual solution. The balanced drive design is comprised of a series of coupled diaphragms that are driven by opposing end motors. One motor drives half of the diaphragms, while the other motor drives the other half in opposition. This methodology cancels vibration & artifacts. The output sound radiates through multiple flow ports along the side of the modern stylish housing. The transducer still requires a box but can be mounted either horizontally or vertically into much shallower and narrower boxes than conventional drivers, opening new prospects to design and locations. The specifications given enable existing design tools to calculate box volume, infinite baffle, ported, transmission-line, etc. Multiple units are scalable. The LAT is a new concept in style and purpose offering new advantages to compact MP3, Flat screen TV, wall mounting and car audio.



- 1 — LAT500-8 90L Fp=22 Hz Lp=25.5cm -3db=23.83 Hz
- 2 — LAT500-8 90L Fp=23 Hz Lp=47.5cm -3db=27.92 Hz
- 3 — LAT500-8 40L Fp=28Hz Lp=54.7cm -3db=33.13 Hz
- 4 — LAT500-8 30L Fp=30Hz Lp=54.7cm -3db=39.46 Hz



2.5" LAT250-4 WOOFER

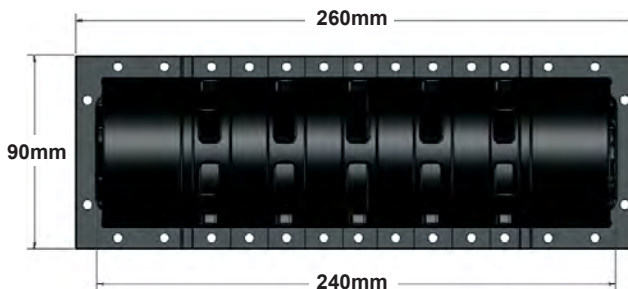
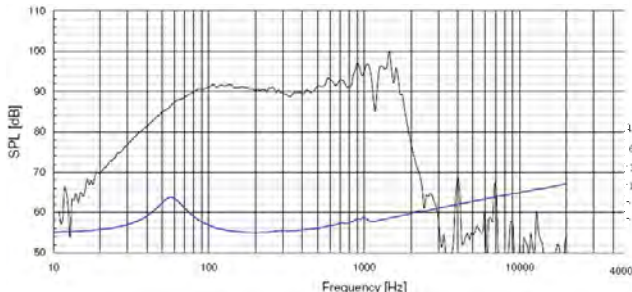
COMPACT LAT DRIVER

Expand your sound horizons For MP3 LCD-TV Computer Upgrade compact sound New sleek tube-shaped Multiple driver array "Push-Pull" removes 90% Frame Vibration ! Equivalent power to Two 6.5" Subwoofers Dual voice coils (2x) Each being 8 ohms nom. Wire in parallel for 4Ω Or connect each 8Ω to a Stereo amplifier output Compact LAT solution for where space is a premium Black. Requires cabinet Power handling is rated at 100Wrms (50Wx2) IEC Noise

250x35mmØ

Specifications are for both voice coils
Wired in Parallel:

Zn	4Ω
Re	3.3Ω
Fs	64Hz
VC	38mm
Sd	196cm ²
Qms	3.4
Qes	1.2
Qts	0.89
Vas	8.2L
SPL	87 5dB
Code	LAT250-4





→ **LAT Sub-woofer**

5" LAT500-8 SUBWOOFER

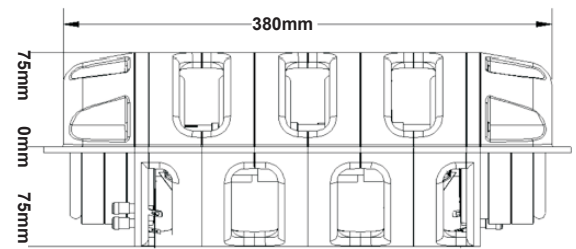
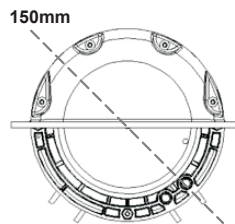
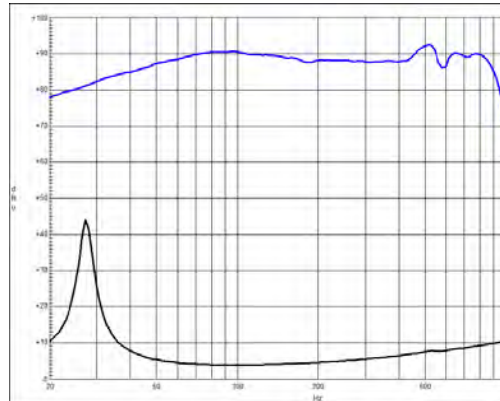
EQUIVALENT TO 2X 10"

Dual coils are 16Ω each So as to be wired together in "Push-Pull" parallel for a single 8Ω connection Suit home theatre setups Single amplifier (Mono) (See S200W & S400W 6-92) Sleek modern tube-shaped "Equivalent in power to Two 10" Subwoofer speakers" Push-Pull mechanics removes 90% of the Frame Vibration! Champagne Silver, black ends Heavy duty 1.5" voice coils 6x masts coupled to 6x cones Power 250Wrms IEC noise test Claimed 750W Long Term

380x150mmØ

Specifications are for both voice coils
Wired in Parallel:

Zn	8Ω (/16Ω x2)
Zo	140Ω
Re	8.1Ω
Le	4.0mH
Fs	28Hz
VC	38mm
Sd	525cm ²
Qms	9
Qes	0.4
Qts	0.40
Vas	81L
SPL	89dB
Code	LAT500-8



5" LAT500-4 SUBWOOFER

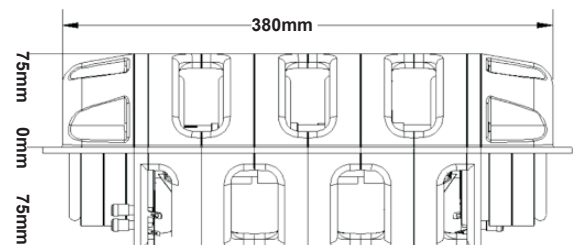
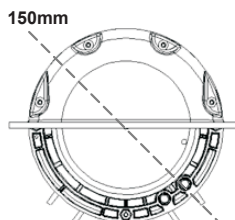
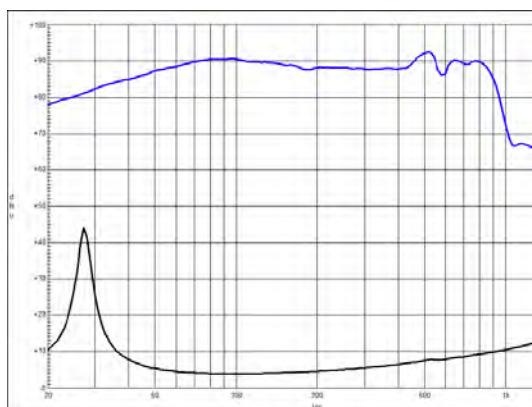
EQUIVALENT TO 2X 10"

Dual voice coils are 8W each Wire each individually to a Stereo amplifier connection for Satellite speakers, etc. Or wired together as 4Ω for Car audio subwoofer sound Suit sealed box, ported, in-wall, infinite baffle. Requires Low-pass crossover Super modern design style "Equivalent in power to Two 10" Subwoofer speakers" Champaign Silver, black ends Heavy duty 1.5" voice coils 6x masts coupled to 6x cones Power 250Wrms IEC noise test Claimed 750W Long Term

380x150mmØ

Specifications are for both voice coils
Wired in Parallel:

Zn	4Ω
Zo	46Ω
Re	3.1Ω
Le	1.5mH
Fs	28Hz
VC	38mm
Sd	525cm ²
Qms	9
Qes	0.5
Qts	0.45
Vas	81L
SPL	92dB
Code	LAT500-4





→ Speaker Kits

PEERLESS HDS/XLS SERIES OF SPEAKER SYSTEMS

PREMIUM QUALITY AUSTRALIAN MADE CABINETS
 GENUINE AUSTRALIAN JARAH VENEER OR BLACK VINYL
 DESIGNED EXCLUSIVELY BY STONES SOUND STUDIO
 PROFESSIONALLY DEVELOPED & OPTIMISED
 CABINET DESIGN & FINISH IS PREMIUM GRADE-A
 EXCELLENT AUDIOPHILE QUALITY REPRODUCTION
 EXCEPTIONAL REALISM FOR MUSIC AND THEATRE
 NEW TECHNOLOGY DRIVERS FOR DIGITAL AUDIO
 WORLD LEADING PEERLESS DRIVERS FROM TYMPHANY
 PRE-BUILT CROSSOVERS WITH PREMIUM COMPONENTS
 SCREW DRIVER KIT EASY & VERY QUICK ASSEMBLY



**QUICK CONSTRUCT
 KITS COMPLETE
 FULLY PRE-BUILT
 CROSSOVERS**



**2008 VERSION-2 WITH NEW TWEETER AND
 NEW 12dB/18dB PRE-BUILT CROSSOVERS**

Designed By Russell Storey of Stones Sound Studio

Welcome to our V2 range of professionally engineered and locally built speaker systems. To save on cost we have made these premium speakers available in kit form for easy construction. Every aspect of the cabinet design has been customised to suit the Peerless speakers precisely, with port and box volume tailored to maximise the performance of the HDS and XLS range of premium drivers. A new improved tweeter for the range has been introduced with a newly developed fully pre-built crossover offering improved phase at the crossover point to closely match the HDS series of mid-woofers to the uniquely specialised counter-sunk tweeter and cabinet combination. Cabinet design and matching development has been achieved using the latest in computer analysis software and with the building experience of Stones Sound Studio, specialists in premium, exotic, custom speaker design. All cabinets are precision manufactured by the latest computer controlled techniques from medium density custom wood (MDF) with a choice of genuine wood veneer and decorative trim panels or Black Vinyl. The Peerless HDS range of drivers and XLS range of subwoofers offer incredible performance and value for money. When correctly matched to our custom designed cabinets and precision crossovers with premium quality components the result is a finished speaker unit that rivals the best audio available in the world. You will find our new range of speakers beautiful in appearance and performance giving exceptional sound quality to music and fantastic dynamics and realism to digital home theatre.





↓ HDS Series

PEERLESS DST HDS/XLS SERIES OF SPEAKER SYSTEMS

Designed By Russell Storey of Stones Sound Studio

Welcome to our new series of audiophile home theatre speakers.

HDS & XLS are special high-end, high definition speaker systems for both the home theatre and music reproduction. As often requested, we have introduced a premium level solution. Incorporating our new and impressive Peerless range of drivers, and thanks to the design experience of Stones Sound Studio, we have a very impressive and capable range of speakers, all at a reasonable price.

Premium Cabinet Design and Manufacture

The latest in speaker analysis and design software is used to accurately establish correct box tuning to suit specific driver specification (also measured by SSS). Various prototypes were then tested and improved upon until the desired sound was achieved. Months of work and many years of experience combine to produce a well balanced sounding speaker system. Premium audio quality demands only the best and we also understand that your room and life style today wants minimal visual impact. So we have developed cabinets that are both attractive and functional yet optimised for the best possible performance, considering cost. The attention to detail, build quality and professional finish of these cabinets is very impressive. Available in an economical black vinyl option or very handsome, genuine wood veneers.

Peerless of Denmark

Peerless has been making drivers for leading speaker manufacturers, providing cutting edge premium quality units, since the 1930's. This new series of speaker units is a culmination of their many years of experience and the best driver materials & accurate manufacturing techniques. Below are some examples of the modern technology incorporated.

NEW Peerless HDS tweeter

The new HDS Peerless tweeter is a 1" treated cloth soft dome unit. Micro low level detail is achieved with a pure copper voice coil, a low inductance motor system, conical felt damped internal cavity chamber and the use of high density reversed Double-Magnets which produces maximum flux density yet lowers the stray magnet field for shielding. The voice coil now uses a new, extremely low viscosity ferro-fluid which aids in keeping the tweeters heat dissipation temperature down, reducing compression and increasing the dynamic program range and maximum power of the unit. The efficiency and detail of this newly developed high performance tweeter specifically matched to the HDS speakers gives us an amazingly high performance audiophile sound.

[HDS] Peerless High Definition Series of Mid-Woofers

The design achievement of this new driver series is an impressively ample and articulate sound from compact units. Advanced build technology with an aerodynamic, ridged cast aluminium frame holding an oversized, high flux magnet, a low compression, rear ventilated, Nomex spider, SBR rubber surround and Nomex bonded fibre paper pulp cone, double bound to a high power, quad wound, voice coil that has over an inch of travel in an improved, distortion reducing magnet system using aluminium shorting rings and phase plug. Dramatic improvements in dynamics, efficiency, detail, maximum dB output, and long term reliability from such compact drivers, that sound and also look like they are very high performance European drivers.

[XLS] 12" Peerless Subwoofer

Peerless have pushed the Sub-Woofers to new performance extremes with the Xtra-Long-Stroke Series of drivers, specifically designed for VERY high performance at VERY high SPL. All aspects in design and construction of this series is for reproducing extra clean, tight, deep bass. New technology comes to the fore when a sub is developed by Europeans. Self induced distortion and varying impedance due to exertion is virtually eliminated by the addition of an aluminium shorting ring. A spacer motor system, comprising a 50mm diam 4 layer voice coil in a double stacked magnet for high efficiency and a very high power rating. The fibre composite cone is molded from wood-free pulp comprising a blend of nomex, kevlar and glass fibre bonded by polymers to give an ultra-stiff yet relatively light cone that is fast and will stay stable even under extreme load. Aerodynamic, ridged, alloy basket. Extra wide, SBR rubber surround. Vented Dust cap and open voice coil for reduced compression, and almost 2 inch of exertion protected by soft mechanical clipping. The Peerless XLS driver is powerful, efficient, robust and tough yet produces natural, distortion free bass that will satisfy the audio connoisseur & home theatre videophile. This sub will reproduce a CCCC note! That's the lowest note on a pipe organ at 16Hz. This sub does not demand your attention with boom-boom thump-thump sledging, rather it impresses the listener with clean, distortion-free bass as more of an emotional experience with a natural and non-obtrusive fulfilling sound.

Passive Radiator V's Ported Sub Woofers

The XLS1000 uses one 12" Active driver and one 12" Passive radiator. This is a "Drone Cone" that utilises the low frequency energy within the box, similar to a port but with some distinct advantages in that it improves performance and specifications. The XLS1000 dual cone design achieves superior audiophile sound with lower than normally achievable frequency response at very high SPL if required. This impressively clean and deep sound is without the air breathing distortion normally associated with an over exerted vented enclosure used at such low frequencies and high potential volume levels. To reduce turbulence in our XLS800, with the single 8" XLS driver, we use tapered internal bracing and large, dual 65mm ports that are also flanged for reduced turbulence distortion.

[XLS] 8" Peerless Sub-woofer



The XLS range of Sub-woofers has pushed the envelope further for the performance digital demands of home theatre with the XLS 12" Sub (above) giving phenomenal big-picture performance. However, this level of bass may not be necessary in all situations. A more compact unit to suit smaller establishments and budgets may be required. To this end we have developed a new 8" version of XLS driver to again achieve audiophile performance at a reasonable cost. The new XLS800 subwoofer will out perform most 10" subs of twice the box size with clean, articulate, deep bass. This subwoofer proves that you don't need a huge imposing box for ground thumping bass.

200Wrms "Tweaked-Up" Subwoofer Amplifier

After trial and error with testing many internal sub-woofer amplifiers from makers all over the globe, we finally decided the best option was to perfect our own. The new S200W amplifier has been developed after considerable testing and modifications to achieve very stable performance in the low frequency down to the sub-sonic. Again we have achieved this while maintaining excellent value for money. To get this level of big muscle bass performance usually costs considerably more. Essential power required to drive the the XLS1000 and more than ample for the XLS800 sub-woofers.

Pre-Assembled Crossovers

Components used in the crossovers are all premium quality for the best and most consistent audio performance. A new range of inductor coils and capacitors were specifically imported to achieve the best sonic performance as demanded by the designer. The Solen range of capacitors, for example, was developed in France for the European Space Agency! Air coil inductors are used for their superior sonic performance. Now supplied completely assembled with OFC cabling to colour coded brass connectors for very easy DIY construction. The rear panel gold-plated input terminals allow connection to extra-thick bare wire or 4mm banana plugs. Dual terminals give you the option of Bi-wiring the system. These crossovers are of exceptional standard, a faithful link in your system.

Sound Signature Matched For Home Theatre

To best reproduce the home theatre audio experience, it is recommended by most installers that all speakers be identical. This is to achieve a seamless transition of sound from one speaker to the next without any obvious change in tone. You can accomplish this by using a combination of all HDS250 speakers (HDS255c as centres). However, it can also be achieved by the use of a combination of different speakers in this range, due to the close sonic resemblances of each HDS speaker. eg. For a most impressive setup, use the HDS455 as mains, the HDS255c as your center and the convenient compact HDS150 or HDS250 as surround speakers. The choice of XLS800 or XLS1000 depends on room size and potential listening volume.

Curved Edge Design

Where possible (or practical), edges in the box are tapered. This includes the speaker grilles, internal bracing and the port edges. When a sound wave from a loudspeaker reaches an edge of a speaker cabinet, for example, it creates a new source of sound that appears to emanate from there instead of the driver, this is referred to as "Edge Diffraction". Rounding off corners will reduce this diffraction distortion. Port noise is also reduced. This is a prime example of the attention to detail the designer has gone to achieve the best results possible.

Acoustically Aligned Coaxial Array

If you look at the HDS250 and HDS455, you will observe the tweeter is COUNTERSUNK into the box with a mid-woofer above and below. As a result of this alignment, the sound from the tweeter leaves the box and reaches your ears at the same time as the mid-woofers' sound. This eliminates the usual midrange delay, reducing "Lobbing" (sound interaction between drivers) and achieving a near perfect transient response. This physical alignment, the unique front face tweeter flaring and the precision crossover phase alignment, all work together to give many transient improvements, particularly at the obstreperous crossover frequency point. The focus and realism of each performance will surpass what standard flat baffle speakers can normally reproduce, and all with consummate accuracy. Horizontal and vertical off-axis response is also improved, producing a greater "sweet-spot" and giving a wider, deeper 3D sound stage perception, reducing the fallacious effect of where you are in the theatre. Everywhere is the best seat in the house!

Bi-Wire & Bi-Amp Compatible

Dual binding posts on all HDS models allows for the option of connecting signals to the tweeter and mid-woofers separately. This allows use of multiple amplifiers or you can bi-wire from a single amp. It is claimed that this may improve tweeter response and efficiency and will reduce driver interaction cross-talk and reduce transient distortions. The gold binding posts are shorted as default for normal twin cables.

NB: We highly recommend the use of transcendent quality OFC cables for connection as direct improvements will result. SSS recommends our WES Code OFC348 cable as the best value for money. We use this cable for internal wiring on all HDS models.

Thank you and Enjoy!

Considerable time and effort has been put into the development of this series of speakers by Stones Sound Studio. Given the opportunity of available high-grade components and the experience and resources of SSS, we believe we have achieved a series of home theatre speakers that will rival most solutions available, anywhere! And with a competitive pricing structure, this has been achieved with exceptional value for money.

Turn it up, I want to listen to the music now!





6½" FLOOR STANDING TOWER SPEAKER

A FLAGSHIP MONITOR OF OUTSTANDING PRESENCE

These floor-standing speakers are designed for "Monitor" grade stereo reproduction as well as top-of-the-line home theatre main speakers in a modern Digital THX surround sound system. The use of the new Peerless HDS series of high definition phase-plug drive units matched with very high quality crossovers to a newly developed high-end tweeter from Peerless. Packaged in an innovative and exclusive design professionally developed to create a sound that is clean and clear with uncompromising acoustics dynamic range and frequency bandwidth to accurately reproduce any of today's high definition digital sources. The countersunk tweeter in the coaxial location between the mid-woofers achieves physical acoustic time alignment between drivers. This corrects the sound source location to one single point, regardless of the listener's positioning. Like focusing a lens, this achieves an incredible level of realism to the sound stage bringing everything into clear focus. Instruments are localised and positioned, close your eyes and they are there! Sound effects take on a new reality when positioned correctly in space. Now the full impact and emotion of Movies and Music can enthrall the listener. An impressively high efficiency of 92dB means you don't need big amplification for full dynamic sound. Along with the well behaved impedance curve means the HDS455s are also suitable for the lower power class-A and valve amplifiers of exotic audio. The tall handsome cabinets are precision computer tooled from MDF and are available in real Australian hard-wood Jarrah wood veneer or durable black hard vinyl with a grain finish. A wide base tapered plinth is included, spiked feet are optional extras. There is the facility for sand filling in a lower cavity for additional stability and extra resonance damping. Peerless offer highly articulate dynamics in their driver designs, matched with a unique cabinet layout and a premium components in a professionally developed crossover, welcome to a new level of accuracy in sound.

HDS455 KIT & PARTS

Frequency Response 38Hz to 25KHz Size H1150 x W210 x D365mm 25Kg +Sand Recommended amplifier 10W to 150Wrms Impedance 4 ohm Nominal Highly efficient 92dB Sensitivity Suit Low-Power premium Class "A" and Low-Power Valve Equipment or Suit High power home theatre system Floor standing with wide plinth base Optional 20Kg sand cavity in tower Ultra dynamic range & low distortion Counter-sunk time-alignment tweeter Coaxial MTM centre focus design Suit medium to large rooms

COMPLETE KIT - SOLD SINGULARLY

Includes 1 box and all components required Save time and money when purchased as a kit

Colour	Type	Code
Black	Vinyl	KIT455BV
Jarrah	Veneer	KIT455JA

CABINET ONLY - SOLD SINGULARLY

Complete built cabinet, lined with internal wadding Packaged. Select colour: Black Vinyl or Genuine wood veneer

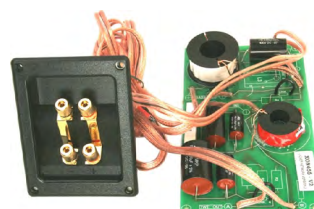
Colour	Type	Code
Black	Vinyl	CAB455BV
Jarrah	Veneer	CAB455JA

PARTS INCLUDED x2 Required For Stereo

Description	Code
HDS Midwoofer 6½"	830883
Tweeter HDS Peerless	P810921
Screws, Bag of 20	AS420-20
Crossover Assembled	XON455-V2

BASE SPIKES Improves speaker performance.

Description	Code
Feet Spikes 20mm	SPIKE20
Feet Spikes 35mm	SPIKE35





5" BOOKSHELF SPEAKER

The beauty, brawn and warmth of a wooden cabinet

Small monitors are popular due to the reduced impact on your room decor and your wallet! However, plastic cabinets give plastic sound. If you prefer the warm sound of the boxes of old in a compact modern package, then let us introduce to you the Peerless HDS150 audiophile high definition satellite speaker. A very capable, yet compact unit designed to faithfully reproduce both music and home theatre audio. The handsome box is of a thick 18mm MDF construction with a rear firing tuning port and a curved-edge front fascia grille for low edge diffraction. Design has centred on the best sound quality achievable in using a Peerless 5" HDS phase-plug driver. This little driver can have quite a punch! Producing high dynamics and high SPL with low distortion. Use of premium electronic components and the best tweeter from Peerless, this optimised design gives you astounding performance from such a compact system. With Home Theatre, this exceptional little speaker is suitable for front and/or surround sound applications. For a fully dynamic system, we highly recommended these satellites be used in conjunction with the XLS800 subwoofer. You will be amazed at the fullness of the quality of audio that these mini-monitors reproduce.

HDS150 KIT & PARTS

Frequency Response 49Hz to 25KHz
Size H270 x W180 x D287mm 7Kg
Recommended amplifier 10W to 120Wrms
Impedance 8 ohm Nominal Sensitivity
88dB Mains for Midi-HiFi systems Rear
Surround sound speakers Satellites with
a subwoofer See our XLS800 or XLS1000
Big sound, small enclosure.

COMPLETE KIT - SOLD SINGULARLY

Includes 1 box and all components required as listed separately below:

Colour	Type	Code
Black	Vinyl	KIT150BV
Jarrah	Veneer	KIT150JA

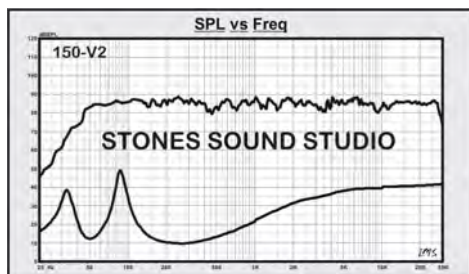
CABINET ONLY - SOLD SINGULARLY

Complete built cabinet, lined with internal wadding Packaged. Select colour: Black Vinyl or Genuine wood veneer.

Colour	Type	Code
Black	Vinyl	CAB150BV
Jarrah	Veneer	CAB150JA

OTHER PARTS REQUIRED x2 for Stereo

Description	Code
HDS Exclusive Midwoofer	831882
Tweeter HDS Peerless	P810921
Crossover Kit	XON150-V2
Screws, Bag of 20	AS420-20

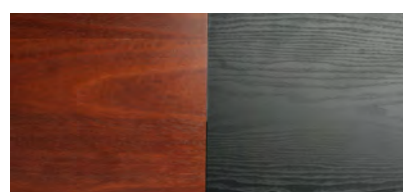


Premium Audio Monitors

HDS
High Definition Series



PRICE EACH
2 REQUIRED FOR STEREO



06 SPEAKERS



5" MTM SPEAKER KIT

Acoustic Time-Aligned & Coaxial Single Point Sound Source Monitors

The Peerless HDS250 high-definition loud speaker system is designed to reproduce both music & home theatre audio in true audiophile quality. This attractive and relatively compact sized speaker system gives excellent and enjoyable long-term listening. The powerfully dynamic 5" HDS phase-plug Peerless driver supplies articulate, tight, fast bass with ultra-low distortion and minimal harmonics up to surprisingly high volume levels! The crystal clarity of a beautifully detailed wide sound stage is improved over a majority of other speaker systems due to both the coaxial speaker alignment and the tweeter being counter-sunk into the cabinet which achieves mechanical acoustic time alignment for a brilliantly accurate reproduction with pinpoint sound imaging. Combined with a crossover developed with particular attention being paid to the phase alignment achieves a uniquely seamless transition between the tweeter and mid-woofer not usually mastered by traditional systems. This makes the HDS250 ideal in home theatre due to the impressive impact of the forward realism achieved and can be placed in any or all of the room positions (front/rear/centre) due to the inherent wide dispersion. The incredible accuracy achieved places this speaker in a "Monitor" class faithfully reproducing even the most subtle details of your favourite music. Multiple driver configurations are also more efficient so are also quite suitable for the low power of valve amplifiers, etc. Ideally matched with our XLS1000 or XLS800 subwoofers for an exceptional high-end audio system. A special version of the HDS250 has been optimised specifically as a horizontally mounted centre channel unit, see our HDS255c.

HDS250 KIT & PARTS

Frequency Response 47Hz to 25KHz
Size H495 x W180 x D305mm 15Kg
Recommended amplifier 10W to 150Wrms
Impedance 4 ohm Nominal Sensitivity 92dB New mains for HiFi Systems
Surround sound for Large rooms Matches with our subwoofers; See our XLS800 or XLS1000 Big sound, small enclosure. Time-corrected, Pin-Point imaging.



CABINET ONLY - SOLD SINGULARLY
Complete built cabinet, lined with internal wadding Packaged. Select colour: Black Vinyl or Genuine wood veneer.

Colour	Type	Code
Black	Vinyl	CAB250BV
Jarrah	Veneer	CAB250JA

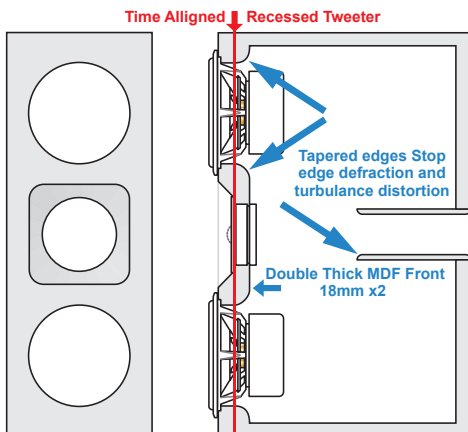
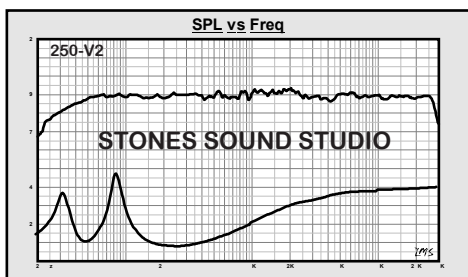
COMPLETE KIT - SOLD SINGULARLY
Includes 1 box and all components required as listed above. Select colour:

Colour	Type	Code
Black	Vinyl	KIT250BV
Jarrah	Veneer	KIT250JA



OTHER PARTS REQUIRED - x2 for Stereo

Description	Code
HDS Exclusive Midwoofer	831882
Tweeter HDS Peerless	P810921
Crossover, Kit	XON250-V2
Screws, Bag of 20	AS420-20





5" MTM CENTRE SPEAKER KIT

Centre Front Stage Performance from a Vocal Specialist!

The Peerless HDS255c audiophile high definition centre speaker is optimised to be mounted horizontally for front and centre positioning. Although the Mid-Bass drivers are NOT magnetically shielded, this will not effect LCD & Plasma screens. Crystal clear highs, tight fast bass, with a beautifully articulated forward mid-range presence with low distortion and low compression gives incredible impact in sound and transports the realism right into your living room! This exceptional speaker is electronically optimised for the horizontal axis with particular attention paid in development to achieve the best vocals for most natural realism possible. When matched with other HDS speakers in a home theatre setup, gives a new level of pinpoint focus imaging to sound effects and their location relative to the screen just as the director intended. The Peerless HDS255c can be matched with the Peerless HDS150 satellites, HDS250 sister speakers or the floor standing HDS455. Also recommended is the XLS1000 or XLS800 subwoofers to complete your ultimate home theatre experience.

HDS255c CENTRE - KIT & PARTS

Frequency Response 47Hz to 25KHz

Size W495 x H180 x D305mm

Recommended amplifier 10W to 150Wrms

Impedance 4 ohm Nominal

Sensitivity 92dB

Optimised for centre sound

Excellent voice performance

Matches with our HDS series

HDS150, HDS250 or HDS455

Big sound, small enclosure.

Time-corrected, Pin-Point imaging.

Horizontal mounting optimised.



COMPLETE KIT CENTRE CHANNEL

Colour	Type	Code
Black	Vinyl	KIT255CBV
Jarrah	Veneer	KIT255CJA

CABINET ONLY - SOLD SINGULARLY

Complete built cabinet, lined with internal wadding Packaged. Select colour: Black Vinyl or Genuine wood veneer.

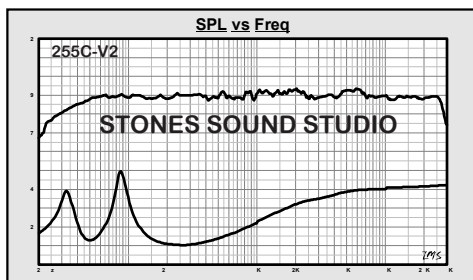
Colour	Type	Code
Black	Vinyl	CAB250BV
Jarrah	Veneer	CAB250JA



NOTE KIT255c IS NOT MAGNETICALLY SHIELDED. NOT SUITABLE FOR CLOSE TO TUBE TYPE TVS, BUT OK FOR LCD/PLASMA TVS

SEPARATE PARTS AVAILABLE

Description	Code
HDS Exclusive Midwoofer	831882
Tweeter HDS Peerless	P810921
Crossover, Kit	XON250-V2
Screws, Bag of 20	AS420-20



12AWG QUAD OFC SPEAKER CABLE - FLAT FOR LOW CAPACITANCE & UNDER CARPET RUNS

AS RECOMMENDED BY STONES SOUND STUDIO

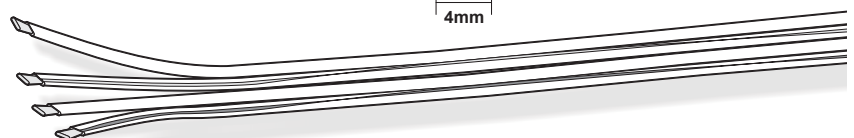
This excellent value for money cable is the type used within all the HDS & XLS Speaker kits for their internal wiring and is also quite suitable for use as connection between the speakers and amplifier. All HDS Kits have the option of Bi-Wiring where quad cable is required Alternatively you can split the quad cable all the way down the middle to produce two by two cables for standard connection to the amplifier. Exotic high grade 99.99% OFC copper in a unique quad low-profile form. Unique ultra-thin, woven copper in a low profile for reduced capacitance. Ideal for running along floors and unobtrusively under carpets, etc. Supplied on a 50M reel, which is actually 100M if split down the middle

0.07 x 384 STRANDS (x4) 12AWG/10AWG

Length	Code
50M	OFC384

AVAILABLE CUT TO THE METRE

Code
OFC384-1





8" COMPACT SUBWOOFER KIT

Solid audiophile performance & low subsonics from a compact enclosure.

The 200W XLS800 Subwoofer has been developed for premium performance in small to medium sized rooms for either satellite speaker setups, complimenting any sized loud speaker system with warm quality subsonics, and/or home theatre systems where a compact, yet impressively performing subwoofer is required that does not impose on too much space. The all new, exclusive, true 200Wrms, built-in amplifier has been factory tweaked to our XLS800 designers specifications for extraordinary performance in the low frequency region giving excellent control and power to your audio experience and the absolute best dollar value. This crackerjack amplifier connects via RCA leads to the pre-amp output on a high-end stereo system or the sub-out on any home theatre receiver. Provision for connection directly to the stereos speaker wires is there for upgrading midi systems, etc. Also, world exclusive, is our all new, high performance eXtra Long Stroke subwoofer driver unit that was developed by Peerless Denmark to our designers specifications for this particular application. Giving exceptionally impressive performance for only an 8" sized driver, this XLS subwoofer has a rigid aerodynamic cast alloy chassis, composite stiffened exotic materials pulp cone, extra long stroke voice coil, very large magnet assembly and high power copper voice coil which produces a driver with dynamic tight fast clean bass. These two high technology devices are beautifully integrated into a handsome, premium quality cabinet. This unique subwoofer enclosure has double thickness 36mm front baffle, a centre bracing rib with vent support to provide a very strong and rigid subwoofer box with reduced cabinet movement and thus tightening bass and reducing distortion. Flanged ports and curved edge box and grille design reduces air-turbulence distortion for a better acoustic, more natural bass sound. This remarkable achievement in a relatively compact subwoofer is a clever compromise between practical cabinet size and impressive low frequency sub-bass performance. The combination of a Top-Of-The-Line Danish made driver with a quality, dual ported box and optimised 200Wrms amplifier, gives performance that equals or betters most 10" subs, without the bulkiness or boom of similarly priced units. The smooth, authoritative bass response extends below 30Hz giving clean, accurate sound that will satisfy a majority of bass hungry enthusiasts with DVD sound effects reproduced with dramatic aplomb. The XLS800 Active Subwoofer will excel in high end speaker systems with CD, DVD, DVD-A and SACD music. It will impress by its ability to provide the lower octaves of bass that are normally not produced by a subwoofer speaker of this compact size.

SOLID BASS PERFORMANCE

Compact 375mmH x 315mmW x 440mmD 50L
200Wrms Optimised In-Built Amplifier 25-35Hz to
60-200Hz -6dB/O (Adj. filters) 18mm thick cabinet
walls, 36mm front. Exclusive 8" XLS premium
Subwoofer. Dual, flared rear firing tuning ports.
Low resonance, high performance design.

COMPLETE KIT 200W AMP, SPEAKER & CABINET

Colour	Type	Code
Black Vinyl	Black Panel	KIT800BV
Jarrah	Feature Panel	KIT800JA

CABINET ONLY

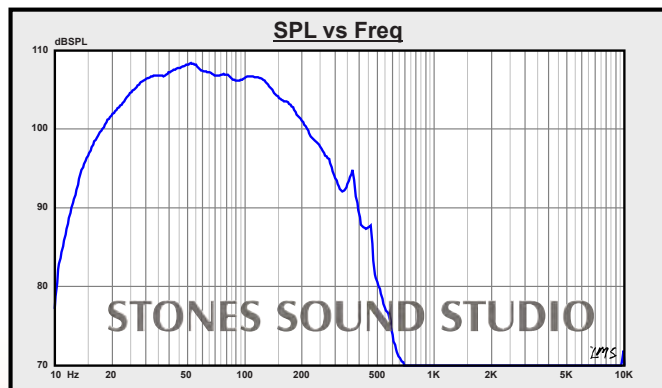
Completely finished cabinet, lined with internal wadding. Attractive wood style black vinyl box with optional genuine solid wood feature panel to match our HDS line of speakers. Packaged. Select colour: Black Vinyl or Genuine wood panel.

Colour	Type	Code
Black Vinyl	Black Panel	CAB800BV
Jarrah	Feature Panel	CAB800JA

PARTS IN KIT AVAILABLE SEPARATELY

Description	Code
Instruction Manual	INS800
8" XLS Woofer	830869
Foam Sealing Tape	GT7100
RCA 5M, M → M	AL606
Screws, Bag of 20	STS8B
Amplifier, 200Wrms	S200W

Amp Hole:220x220mm Face(Bevel):250x250mm.



Ported 8"
8" Active XLS & 200Wrms Amp

XLS
EXTRA Long Stroke



DUAL 12" EXTREME AUDIOPHILE SUBWOOFER KIT

Rear-firing sub-sonic passive radiator goes below 20Hz to the extreme!

The XLS1000 is a true audiophile subwoofer. It is easily capable of out performing a majority of units costing multiples more. A beautifully clean sound with very fast and tight bass at either subtle volumes or at extra high SPL, reproducing deep, dynamic and detailed bass at frequencies down to the infra-sonic. This top-of-the-line subwoofer will exceed the requirements for a majority of systems and rooms with both accuracy in music and explosive effects for Home Theatre that will shake your world! The incredible depth of bass goes down below 18Hz in an enclosure of only 60 litres. An eXtra-Long-Stroke 12" Peerless subwoofer is used, set in the forward firing mode. The Peerless XLS, extra heavy duty, exotic material manufactured subwoofer is complemented by a duplicate 12" rear mounted Passive Radiator. This is a non-powered "Drone Cone" that utilises the low frequency energy within the box, similar to a port but with some distinct advantages that improve performance and specifications. Our dual 12" design achieves superior audiophile sound with lower than normally achievable frequency response for a given sized enclosure, all without the air breathing distortion normally associated with a vented enclosure used at such low frequencies and high volume levels. The enclosure is made from extra thick & ridged 33mm MDF board with a total of 7 internal bracing ribs(!) made from solid hardwood and interlocked into the side panels to reduce unwanted panel resonance. All bracing ribs and speaker mounting holes are tapered, again to reduce internal turbulence and distortion. To improve performance, all outer edges are also tapered. The box is impressively finished in a premium quality, double-pack black paint, like a piano finish. Genuine wood feature panels, in a choice of Australian woods, are available, complimenting our HDS series of speakers. This is a fine piece of furniture that looks premium audio. Incredible performance requires an incredible amplifier. As with most subwoofers, our 12" XLS kit comes with a dedicated internal amplifier (see below). However, we have also made available a version with no cut-out hole for the power amp. This is for those who wish to externally amplify their sub with a high performance solution. Now, the 12" driver is capable of running on 300Wrms, long term, so any amplifier will be suitable power wise. However, your choice must have excellent low frequency and subsonic specifications to utilize the possible performance achievable by this sub. Beware: many amplifiers are not good in the sub-sonic, especially powering this 4ohm XLS driver. We also highly recommend some low-frequency equalization to tune the XLS1000 into your room. An easy solution is to utilise our high performance at reasonable cost 200Wrms amplifier. This is a specially Tweaked-Up subwoofer amplifier, manufactured to Stones Sound Studio specifications for driving the XLS range of subwoofers. This optimised amplifier gives a high 200Wrms with very low distortion and excellent stability and specifications. We believe we have achieved a reasonably priced subwoofer and amplifier system with excellent sub-sonic performance that would normally cost considerably more compared to what's available. The XLS1000 looks and sounds like a premium audiophile package that will satisfy even the most ardent listener with its phenomenal performance.

XLS1000 WITHOUT AMPLIFIER

Blank. No provision for the amplifier. Cut a hole for your own internal amplifier or add a speaker socket and supply your own external power amplifier. Complete built cabinet, lined with internal wadding. Premium 2-Pack gloss painted box with optional genuine solid wood feature panel to match our HDS line of speakers. Packaged. Select panel: Black paint or Genuine wood veneer.

COMPLETE KIT SPEAKERS & CABINET, NO AMP

Includes Active and Passive speakers, NO amplifier, Cabinet with feature panel (Choose below), Spiked feet, assembly hardware and instructions.

Colour	Feature Panel	Code
NO AMP VERSION		
BLACK PIANO	Black Panel	KIT1000PF
BLACK PIANO	Jarrah	KIT1000JA
CABINET ONLY		
BLACK PIANO	Black Panel	CAB1000PF
BLACK PIANO	Jarrah	CAB1000JA

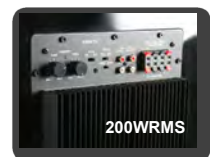
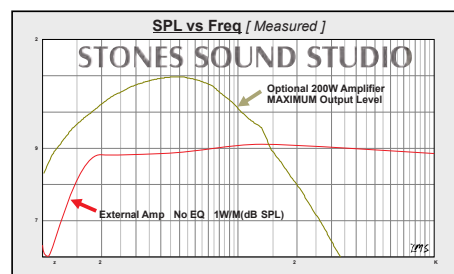
XLS1002 WITH 200Wrms AMPLIFIER

Includes a Side-Wall Cut-Out (Hole) to suit our premium 200Wrms amp. S200W is 200Wrms into 4 ohms, stable down to 10Hz! Excellent price. Complete built cabinet, lined with internal wadding and beautifully finished Premium 2-Pack Hi-gloss painted box with optional genuine solid wood feature panel to match our HDS line of speakers. Select feature panel colour: Black paint or Genuine wood veneer.

COMPLETE KIT WITH 200Wrms AMPLIFIER

Includes Active and Passive speakers, S200W amplifier, 2-Pack Gloss cabinet with feature panel (Choose below), Spiked feet, drivers, assembly hardware and instructions

Colour	Description	Code
WITH AMP		
BLACK PIANO	Black Panel	KIT1002PF
BLACK PIANO	Jarrah Panel	KIT1002JA
CABINET ONLY		
BLACK PIANO	Black Panel	CAB1002PF
BLACK PIANO	Jarrah Panel	CAB1002JA
PARTS BREAK-DOWN (See Kit)		
	Instruction Manual	INS1000
	Amplifier, 200Wrms	S200W
	XLS1000 NO-AMP Gold Jacks	J708
	Foam Sealing Tape	GT7100
	RCA 5M, M → M	AL606
	Screws, Bag of 20	STS8B
	Feet Spikes 35mm	SPIKE35
DRIVER		
	SubWoofer 12" XLS	830500
	Passive Radiator 12" XLS	30W/0-00-00





06 SPEAKERS

↓ Signature Series

SIGNATURE SERIES RIBBON LOUDSPEAKER KITS

USING THE FOUNTEK JP3.0 RIBBON SUPER TWEETERS

Designed by Russell Storey of Stones Sound Studio These new kit speakers use the very-high-performance audiophile grade Fountek JP3.0 Ribbon Tweeters with the latest in Peerless Mid-woofers. Due to the impressively high efficiency accomplished in this design, they will be a very good match to our Fountek SS-3500 Valve Amplifier. After the success of our Peerless HDS Series of audiophile monitor kits, Customers have been requesting them adapted to suit the our new range of ribbon tweeters for unsurpassed fidelity & transient response up to 40KHz Kits are now supplied with assembled crossovers, so no soldering required! In development for over 12 months, we are proud to present our new kits: For more information, please see the Signature Series Home Site: www.fountek.com.au



FEATURES FOR 5" & 6½" SPEAKER KITS WITH RIBBONS

High quality Australian made enclosures supplied fully assembled Pre-drilled screw holes. Port installed, internal edges chamfered Made from 18mm MDF with double thickness 36mm for the front panel Internally braced for excellent rigidity reducing cabinet resonance Available in bare MDF for painting, etc. Or in Black Vinyl veneer Kit also includes attractive front cloth-grille on frames assembled LMS developed crossover is assembled with premium grade components Linkwitz & Riley with Bessel-Butterworth response for linear phase Air-core copper inductors and non-inductive resistors are used SCR 400V metalised polypropylene capacitors manufactured in France 4mm Gold-plated binding posts can be wired singular or Bi-wired Low capacitance OFC Cable with no-soldering speaker connectors Professional development time as produced a solution that offers Very low distortion, linear sound and very accurate phase response

SPECIFICATIONS FOR KIT260

Frequency Range	44Hz-40kHz (On Axis)
Efficiency (Averaged)	92.5dB SPL (1M/2.83Vrms)
Nominal Impedance	4 Ohms
Recommended power	5 to 120W Unclipped program material
Harmonic Distortion	THD 0.3% @ 1 Watt (2.83Vrms) 1kHz
Relative Phase Coherence	±30° 400Hz to 10kHz
Crossover Network	No Soldering required. Finished ready to go.
Internal Wiring	High Quality OFC 384 Strand Low-Capacitance Quick-Install Push-On connections
Speaker terminals	4mm Dual gold plated binding posts (x4) For single or Bi-Wire/amplifier connections
Crossover Filter	2-Way Off-Set Bessel/Butterworth Linear-Phase
Crossover Frequency	3.8kHz
Crossover Low Pass	2nd Order 12dB/Octave Low Pass
Crossover High Pass	3rd Order 18dB/Octave High Pass
Mid-Bass	Peerless 832873 Woofer 5" Nomex Cone Cast Alloy Frame with inverted dust cap
Tweeter	Fountek JP3.0 Ribbon
Dimensions	555x180x*365mm (*380mm w/ grill)
Weight	15Kg each.



KIT260 STEREO PAIR COMPLETE KIT

D'Appolito MTM design offers a very high 92.5dB efficiency with pin-point imaging for a beautifully accurate sound stage Complete Kits supplied in pairs for the stereo front channel Includes cabinets, drivers, all hardware & assembled crossovers

Description	Code
Plain MDF	KIT260MDF
Black Vinyl Veneer	KIT260BV

KIT ALSO AVAILABLE WITHOUT CABINETS

Includes the SIX drivers & both Assembled crossovers

Description	Code
No Box	SPK260

KIT260C SINGLE CENTRE CHANNEL COMPLETE KIT

Designed for use as a Home Theatre Centre Channel Single Unit To match acoustically & aesthetically with the KIT260 Speakers

Description	Code
Plain MDF	KIT260CMDF
Black Vinyl Veneer	KIT260CBV

KIT ALSO AVAILABLE WITHOUT CABINETS

Includes the THREE drivers & Assembled crossovers

Description	Code
No Box	SPK260C



06 SPEAKERS



↓ Signature Series

AS FEATURED IN SILICON CHIP

DECEMBER 2007 ISSUE

These new speakers are among the very best kit speakers that money can buy. Two separate stereo pairs of loudspeakers are presented, KIT260 & KIT360. In addition, a centre channel variant of the KIT260, the 260C was designed to complement the KIT260 and KIT360 for high-end Home Theatre A/V systems or for a high performance stereo system. Alternatively, you may decide on a mix of the HD260 (front) and HD360 (rear) together with the HD260C for the centre front channel. Whichever approach you take, you can be sure that you will be getting a sensational speaker system. Make no mistake, these ribbon units are the finest tweeters we ever heard. They are so clean in their definition and the pin-point localisation of instruments in a stereo spread has to be heard to be believed. On top of that, these speakers have very low distortion - measured at around 0.3% THD at 1kHz and 1 watt. Leo Simpson. Silicon Chip. December 2007
www.siliconchip.com.au



FOUNTEK RIBBON TRANSDUCERS

Fundamental physics support the ribbon as a perfect type of transducer. A thin light metal ribbon is suspended in a powerful magnetic field. The signal current passes through the ribbon in the magnetic field. The ribbon itself projects the sound faithfully and instantaneously. The ribbon serves both as voice coil and diaphragm. Every part of the ribbon is driven directly and simultaneously without any energy storage. No sound colouring at all in its usable frequency range up to 100kHz. Output voice therefore always perfectly replicates the input signal. Maximum speed of response. Start and stop is instantaneous. Maintains the leading edge of musical sounds and their harmonics. Extremely low inter-modulation and harmonic distortion due to low mass. Capable of the highest efficiency known in direct radiator transducers.
www.fountek.com.au

SPECIFICATIONS FOR KIT360

Frequency Range	43Hz-40kHz (On Axis)
Efficiency (Averaged)	87.5dB SPL (1M/2.83Vrms)
Nominal Impedance	8 Ohms (6.1 ohms Rdc)
Recommended power	5 to 120W Unclipped program material
Harmonic Distortion	THD 0.3% @ 1 Watt (2.83Vrms) 1kHz
Relative Phase Coherence	±30° 400Hz to 10kHz
Crossover Network	No Soldering required. Fully finished. Ready to go.
Internal Wiring	High Quality OFC 384 Strand Low-Capacitance Quick-Install Push-On connections
Speaker terminals	4mm Dual gold plated binding posts (x4) For single or Bi-Wire/amplifier connections
Crossover Filter	2-Way Off-Set Bessel/Butterworth Linear-Phase
Crossover Frequency	3.2kHz
Crossover Low Pass	2nd Order 12dB/Octave Low Pass
Crossover High Pass	3rd Order 18dB/Octave High Pass
Mid-Bass	Peerless 830883 Woofer 6.5" Nomex Cone Cast with Centre Phase Plug
Tweeter	Fountek JP3.0 Ribbon
Dimensions	445x205x*345mm (*360mm w/ grill)
Weight	12Kg each.



KIT360 STEREO PAIR 6.5" KIT

Traditional design 2-Way utilising the superb JP3.0 bandwidth matched with Peerless "Exclusive Range" of audiophile drivers. Complete Kits included in pairs for premium HiFi Stereo systems. Includes cabinets, drivers, all hardware & assembled crossovers.

Description	Code
Plain MDF	KIT360MDF
Black Vinyl Veneer	KIT360BV

KIT AVAILABLE WITHOUT CABINETS

Includes the four drivers & both assembled crossovers

Description	Code
No Box	SPK360





06 SPEAKERS

06 SPEAKERS

→ HDS Speaker Kits



→ Speaker Tester

PHASE-IT SPEAKER POLARITY TESTER

www.phase-it.com

Fast and efficient cordless tool for verifying the polarity of loudspeakers. Works perfectly when testing polarity of individual speaker driver units or with individual drivers in a multi-unit speaker box system. Gives a clear indication of each drivers polarity for fast troubleshooting. Battery powered with Auto power-off for long lasting battery life (9V).

HOW DOES IT WORK?

Connect the two wire test lead to the speaker system to be tested. Press the test button on the Phase-It. The compact unit generates a harmless electrical pulse into the connected speaker or speaker multi-way system. A built-in microphone at the top of the unit receives the pulse reproduced by the speaker and compares it with the original signal of the generator then giving a polarity indication.

POLARITY INDICATION

The actual phase/polarity of each driver tested will be indicated by a dual-colored LED. Green indicates the driver is in correct phase Red would indicate a 180° shifted phase output. This incorrect phase informs you of a possible problem with the speaker polarity connection. While measuring a "pop - pop" sound is audible and the diaphragms of the drive units should move a little, point the microphone end of the Phase-it close to the speaker and move it from driver to driver, reading each time.

PHASE-IT®

Made in Denmark.
Metal hand wand
160x30x20mm
plus test lead

Code
PHASE-IT

