



SECTION 20

AUDIO VISUAL INSTALLATION SOLUTIONS



20

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20 MISC HOME THEATRE

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→ Digital Media Centres

A3-II MOVIE DOCK

1080P FULL HD MEDIA STATION

This device is updated with a new direction. With its slim, sturdy design and multifunctional features, it will withstand every day's wear and tear. The A3-II movie dock is truly an easy to and ready to use device as this product is compat ble with most of video and audio formats. And now with Blu-ray too! It even has a multiple caption function which means you can integrate your video with external subtitle formats. It is an ideal product to replace all your DVD's and put it into the one hub.

Support video files - Mkv, ts, m2ts, mts, tp, trp, wmv, lfo, iso, vob, dat, avi, mpg, mp4, mov, rm, rmvb, xvid, flv.

Codecs - H.264, MKV, WMV9, MPEG 1/2/4, HD Xvid, FLV, M/RMVB.

Resolution - HD movie: up to 1080p, Internet movie RM/RMVB: Up to 720p.

Support subtitle formats - Sub, smi, ssa, srt, idx + sub.

Audio format - Mp3, WMA, WAV, OGG, AAC, LPCM, FLAC, AC3, CUE, APE.

Picture format - Digital photos JPB, JPEG, BMP, PNG, TIFF, GIF.

USB 2.0 Interface, can be connected with mobile hard disc or flash disc.

Support mobile hard disc - FAT32 or NTFS format.

Support flash disc - FAT16 or FAT32 format.

Card reader - Support SD and SDHC card(Up to 8GB).

Video output - HDMI 1080p, Component YUV and AV Composite video.

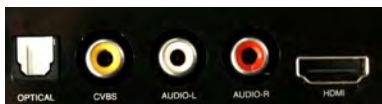
Audio output- HDMI interface, optical, AV stereo.

Size - 153 x 110 x 28mm .

Requires external USB or SD Card memory sources.

Code

A3-II



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V7 MOVIE DOCK WITH OPTIONAL HARD DISK

Supports HD with big capacity This product is able to support 3.5" inch HDD with a capacity up to 2TB. It can store more than 1000 movies, 240,000 songs or 500,000 digital photos. Supports All Popular HD Video This product supports all popular 1080p HD video in the market, including H.264, MKV, Dixv HD, MPEG 2-TS, VC-1, WMV9, then you can enjoy HD video on your HD TV by HDMI interface. HDMI Digital output With a HDMI interface design-in, digital audio can output to TV with 1080p HD video signal. It enable user connect his video connection very easily.

- Enjoy Your HD Movie At Home
- Support full HD 1080P decoding such as H.264, MKV codec.
- HDMI 1080P digital output
- USB2.0 high speed host
- Multi card reader media playback(SD/MMC/MS)

Hard Drive Not Included. Requires SATA 3.5" Disk.
www.noontec.com

Hard disk	Standard SATA 3.5" Hard Drive
File system	FAT32 and NTFS partition
USB host	Support multiple USB storage
USB port	USB 2.0 high speed port
Video output	Composite video /component video/HDMI
Audio output	Stereo/digital HDMI/optical
Audio	MP3, WMA, WAV, AAC, OGG, FLAC, Do by ,DTS
Video Codec	MPEG1/2/4, Xvid, H.264, WMV, VC-1, RM/RMVB, MKV, MOV, FLV, AVI, MP4, MPG, TS/M2TS/TP, ISO, IFO, VOB, DAT
Subtitle	SSA, SMI, SRT, SUB
Picture	JPG, BMP, PNG, GIF
Dimension	215x164.6x56.5mm 750g

Code

NT-V7II



Better Media Player

Noontec present





Digital Media Centres

V8S MEDIA PLAYER MOVIE HOME

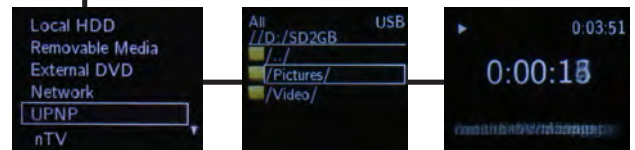
Enjoy Your HD Movie At Home

Optional 3.5" SATA Drive required. Full High Definition 1080p decoding Outputs HDMI digital video and also YUV & CVBS for watching most types of digital media files on your HDTV. Comprehensive on screen display GUI Includes 44 button remote control for navigating and controlling your digital media simply and conveniently. Accepts a large assortment of sources. Connect virtually any form of storage including flash drives, flash cards, external USB hard disk or USB DVD, directly connect to cameras via USB, or connect to your ethernet network LAN or UPnP for access to network media. With USB3.0 port which is also compatible with USB2.0, you can connect to your computer and copy files between computer and hard disk with high speed up to 5Gb/s.

- INTERNAL HARD DISK OPTIONAL
- USB3 FOR EXTERNAL DRIVE
- USB2 HOST X2
- LAN INTERNET TV & RADIO
- SD CARD READER
- WiFi INBUILT

1080p Full HD decoding to YUV or HDMI output. Ethernet network streaming media playback. UPnP AV Media Server client DLNA certified samba client for Bit Torrent, PC or NAS. Multiple media card reader MS SD MMC slot. USB 2.0 host for flash drive or external hard disk drive or external USB DVD disk. Video coded: H.264, MKV, WMV9, MPEG 1/2/4, HD Divx, Xvid, FLV, RM/RMVB. Video file: mkv, ts, m2ts, mts, tp, trp, wmv, lfo, iso, vob, dat, avi, mpg, mp4, mov, rm, rmvb, divx, xvid, flv. Video resolution: H.264, MKV, WMV9, TS and HD Divx supports up to 1920 x 1080p RM/RMVB supports up to 720p. Subtitle: sub, smi, ssa, srt, idx + sub. Photo file JPG, JPEG, BMP, PNG, TIFF, GIF. Video out: CVBS, HDMI 1.3(max 1080p). Audio out: stereo R/L, coaxial, HDMI digital. LAN: RJ45, supports Samba client, Wi-Fi 802.11g dongle (option). Size: 215 x 164 x 56.5 mm.

Code
NT-V8S



A6S FULL HD MEDIA DOCK

WATCH A/V FROM USB & LAN

Full High Definition 1080p decoding Outputs HDMI for watching most types of digital media files on your HDTV. Sleek & attractive low profile unit non obtrusive addition to your HDTV. Comprehensive on screen display and Compact 44 button remote control unit for navigating and controlling your digital media simply and conveniently. Accepts a large assortment of sources Connect virtually any form of storage including flash drives, flash cards, external USB hard disk or USB DVD, directly connect to cameras via USB, or connect to your ethernet network for access to any home media.

- USB2 DRIVE HOST X2
- LAN FILE SHARING UPnP
- INTERNET TV & RADIO
- SD CARD READER

Premium quality Noontec Movie-Dock® A6S 1080p Full HD decoding to YUV or HDMI output. Ethernet network streaming media playback UPnP AV Media Server client DLNA certified Samba client for Bit Torrent, PC or NAS. Multiple media card reader MS SD MMC slot USB 2.0 host for flash drive or external hard disk drive or external USB DVD disk. RJ45, supports Samba client, Internet service, Wi-Fi 802.11n dongle (option). Video Coded to suit most: H.264, MKV, WMV9, MPEG 1/2/4, HD Divx, Xvid, FLV etc. Video file: mkv, ts, m2ts, mts, tp, trp, wmv, lfo, iso, vob, dat, avi, mpg, mp4, mov, rm, rmvb, divx, xvid, flv. Video resolution: H.264, MKV, WMV9, TS and HD Divx supports up to 1920 x 1080p 30p RM/RMVB supports up to 720p. Audio file: MP3, WMA, WAV, OGG, AAC, LPCM, FLAC, AC3. Subtitle sub, smi, ssa, srt, idx + sub. Photo file: JPG, JPEG, BMP, PNG, TIFF, GIF. Video out: CVBS, HDMI 1.3(max 1080p). Audio out: stereo R/L, optical, HDMI digital. Size: 170 x 125 x 25 mm.

Code
NT-A6S





20 MISC HOME THEATRE

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→ Digital Media Centres

V8-NAS FULL HD MEDIA PLAYER

SUPER-SPEED NAS DRIVE WITH BUILT-IN MEDIA CENTRE - USB3.0 GIGABIT SERVER - REQUIRES HARD DRIVE

Combines a full network file server with a media centre giving TV connectability in the one convenient compact attractive unit with IR remote. Internet connection via your LAN gives access to TV On Demand type features with direct movie downloads, online TV and other net services. Drawer-type hard disk installation (tool-less), supports both 2.5" and 3.5" SATA. Professional NAS file server management - even remote access audio and movie files on the V8NAS via the Internet! Ultra thin design (only 40mm thick), glossy, fashionable black finish with sleek LED display. Gigabit LAN network. Wireless upgradeable with optional WIFI wireless dongle. Supports Full HD 1080p 1920x1080 media playback in all popular HD, network video formats and audio formats. Supports Bluerauy 1080P HD decoding. Includes USB2.0/3.0 Super-Speed interface Host.

Video decoding format H.264, MKV, WMV9, MPEG 1/2/4, HD Xvid, FLV, RM/RMVB

Support video files mkv, ts, m2ts, mts, tp, trp, wmv, lfo, iso, vob, dat, avi, mpg, mp4, mov, rm, rmvb, xvid, flv

Video decoding resolution HD movie: Up to 1080p

Internet movie RM/RMVB: Up to 720p

Support Subtitle formats sub, smi, ssa, srt, idx + sub

Audio format mp3, wma, wav, ogg, aac, lpcm, flac, ac3, cue, ape

Supports DTS-HD, Dolby True HD, LPCM. Up to 7.1CH.

Picture format Digital photos JPG, JPEG, BMP, PNG, TIFF, GIF

USB host USB2.0 high-speed and USB3.0 super-speed interface,

can be connected with external hard disk or flash memory drives

FAT16, FAT32 or NTFS format compatible

Memory Card reader SD, SDHC and MMC card, or USB to camera, etc.

Video output up to 1080p, HDMI, Component Video YUV, Composite CVB.

Audio output HDMI HD interface, optical cable output, coaxial line, AV stereo

USB interface USB3.0 interface, and the transmission speed is 5Gbps.

Size 270x200x41mm. Remote control. Requires SATA Hard Disk up to 3TB.

Code
V8NAS

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HDD Optional

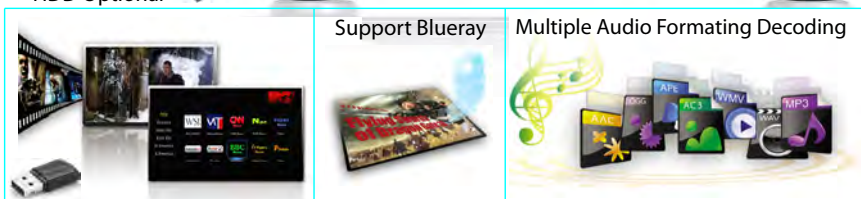


REQUIRES HDD

Capacity	Size	Code
500GB	3.5"	HD306 POA
1TB	3.5"	HD308 POA
2TB	3.5"	HD310 POA

OPTIONAL WIFI
Just add dongle
for WiFi connect.

Code
WUA-0605



A9 ANDROID SMART TV BOX

SMART TV BOX & TOUCHPAD REMOTE KIT

- Purchase with or without M100 wireless keyboard option.
- Turn any TV into a Multi-Media Internet Smart-TV
- Comes with Android 2.3 OS & over 500,000 Apps online
- Web browser, email, gaming, online video, news and much more
- Your perfect entertainment device in your living room

Operation System - Android 2.3

CPU - Cortex-A8 1.2GHz

DDR - 512MB & NAND FLASH - 4GB

GPU - Vivante GC800, support OpenGL ES 2.0 and Open VG

Hardware decoding - Ceva MM3000, Multi-format full-HD video

WiFi 802.11b/g/n Inbuilt

Remote control - IR Remote. Wireless keyboard mouse (Kit)

LAN - RJ45 for 100M Ethernet. Requires internet connected.

USB input - USB 2.0 host x 2 (Optional USB Keyboard & Memory)

Card input - 2 in 1 card reader, SD/SDHC/MMC

Photo file - JPG, BMP, GIF, PNG, PEG

Audio file - MP3, AAC, WAV, WMA, M4A, OGG, FLAC, APE.

Video out - HDMI, AV (Composite)

Audio out - Stereo R/L, Toslink Optical, HDMI

Video codec - MPEG-1/2/4, H.263, H.264, XVID, RV, AVS, VC-1, VP8

Video file - MKV, AVI, MP4, MOV, 3GP, MPG, VOB, RMVB/RM, FLV,

TS, WEBM, WMV, ASF.

190x190x27mm. Includes IR Remote Control.

Description Code
KIT (BOX+Remote) NT-A9KIT

SMART BOX ONLY www.noontec.com

Code
NT-A9

KEYBOARD REMOTE

Touchpad & qwerty remote control.

Code
M-100



noontec
SMART TV



WIRELESS QWERTY REMOTE CONTROL
WITH TOUCHPAD INCLUDE IN NT-A9KIT



→ Digital Media Centres

N5 GIGALINK HOME NAS MEDIA STORAGE CENTRE

MEDIA & CLOUD STORAGE FOR PC, SMART PHONE & TABLET

Gigalink N5 is the new generation for network storage devices. This device adopts the latest network and storage techniques that will let you synchronize with your mobile, tablet PC's, laptop and/or computers that will let you upload your photos, multimedia files to this network at anytime and anywhere. High speed LAN and USB enables multiple user access without bottle-necks for an excellent media share centre.

- LAN - 10/100/1000Mbps Read up to 50MB/s, while write up to 30MB/s
- USB Device - USB 2.0 & 3.0 read/write storage interface
- Hard Drive - Support single SATA hard drive, maximum 3TB
- Network - Dynamic IP/Static IP/ PPPoE/ DDNS
- Mobile Sharing Server, FTP Server, SMB Server, BT/PT Download.
- Multimedia server - iTunes server, UPnP/DLNA digital media server
- Up to 16 users, with support for 8 users online at the same time
- Compatible with Win7/Vista/XP/MAC/Linux, WebDAV, UTF8
- Download status e-mail notification function
- System Tool - Disk tool, network firmware updating, reboot system, reset factory default settings, hard drive format and hard drive hibernate function for power saving and longevity.
- Size - 206 x 160 x 46mm



www.noontec.com

Code

NT-N5NAS

SHARE FILES & MEDIA



McTiVia MEDIA WIFI HOT-SPOT

WIRELESS NETWORK ACCESS POINT WITH HDMI OUTPUT AND ALSO REMOTE DESKTOP CONTROL

McTiVia can show ALL content as well as control up to 8 Mac or Windows computers on your network wirelessly to your HDMI Television. Unique to other media sharing devices, the McTiVia has remote desktop control using MirrorOp technology, so if it plays on your computer, it will play on your TV! You can control up to 8 PCs easily with a mouse and/or keyboard connected to the McTiVia. With a loaded app, you can use your iPhone or Android for wireless control too! So now you can leave your computers where they are and can share any content with your friends and family in your living room. Also allows access to Smart-TV content for HD streaming of Movies, Music Videos, Internet TV, Youtube, Photos, Music, Internet Browsing, email, news, weather, updates, from your local network or national and international sources.

- 802.11n wireless and RJ45 LAN Ethernet 2T2R Dual Antenna
- HDMI 1.3 output for audio & video 1080p high definition playback
- Mirror display of computer desktop via network connection
- USB mouse/keyboard input (hardware not supplied)
- Wired 10/100Mbps Ethernet LAN connection
- Includes Windows desktop control software (Vista, Windows7)
- Apple desktop control software (MacBook/Pro/Air, iMac, iOS)
- Android, Blackberry, iPhone, iPad, Apps (require download)
- Uses MirrorOp for Media Streaming and Push-To operations.

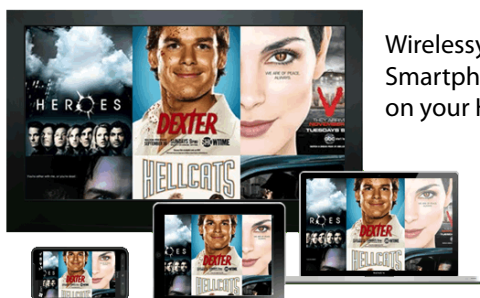


Code

MCTIVIA

www.mctivia.com.au

Wirelessly Bring Your Smartphone, Tablet, PC on your HDMI - TV



MirrorOp For View & Control of Computers over your network





→ Digital Media Centres

IPOD IPHONE IPAD DOCKING STATION

HDMI & TV OUTPUT

New Italian design Apple approved docking station with IR remote control. Integrates iPad, iPhone and iPod with computer, Stereo and/or HDTV in style.

- Italian design represents integrity, flexibility and omnipotence
- Remote control operation with included IR remote control
- Charging function and/or USB 2.0 Computer connection
- TV Dock for iPhone, iPad with analogue or HDMI output
- Apple approved. Pass strict test RFI OTA designed by Apple

Suitable applications - iPad, iPad2, iPhone 3, iPhone3G, iPhone4, iPhone4S, iPod touch, iPod classic, iPod nano.

Operating methods Remote controller operation.

iPad, iPhone, iPod touch direct operation.

HDMI, 3.5mm interface to RCA CVBS+Audio R/L

USB connection - Support USB2.0

Power supply - USB power adaptor

Size - 128x112x25mm

Code
MDC9031

www.noontec.com



CD & DVD PLAYER ADD-ON

PLUGS INTO ANY NOONTEC

Extra compact USB external drive for playback disks. Compatible with Noontec media centres for listening to audio CDs, MP3, MP4 and video on DVD, etc.

CD PLAYER

Code
USB213

CD & DVD PLAYER

Code
USB214

POWER REQUIRED

Mains USB 5V Adaptor.

Code
USB904



AUDIO SYNCHRONISATION CORRECTOR

The L/R In-Out Lip SYNC Corrector is a compact device that corrects audio delays between audio and video. When distributing video over long distances through multiple devices like distribution amplifiers and set top boxes there can sometimes be a noticeable delay which results in audio being played before the video. This gadget lets you manually adjust the audio delay from 0 ~300 ms so you can perfectly synchronize your audio and video, so when it reaches the display your media is synched and ready to go.

Input	Output	Description	Code
L&R	L&R	L/R In-Out Lip SYNC Corrector - Audio Delay (0~300ms)	DCT-18
L&R	Optical/ Coaxial	Analog to Digital Audio Converter with Audio Delay(150ms)	DCT-4T

LIP SYNC CORRECTOR



AUTOMATIC VOLUME LEVELLER

SRS TruVolume

Regulates audio volume to the most comfortable listening level. Preventing disturbing fluctuations while you channel surf, as well as taming those obnoxious commercials, while you could still hear every detailed sound in quieter passages. Helps the hearing impaired by compressing the dynamic range to a constant level. Boosts low and high-frequency dynamically over 20-bands with psychoacoustic modeling. Bypass switched.



Input	Output	Description	Code
L&R	L&R	Analog SRS TruVolume Audio Leveller	DCT-6S
SCART	SCART/L&R	SCART SRS TruVolume Audio Leveller	DCT-11S
HDMI(v1.3)	HDMI(v1.3)	HDMI SRS TruVolume Audio Leveller	DCT-8S



→ DAB+ Digital Audio Broadcast

DAB+ MANTLE RADIO LASER

CLASSIC STYLE PORTABLE RADIO

A warm sound from the 3" speaker and good battery life from "C" Cells (Not Inc.)

- Digital Audio Broadcast +
- FM Analogue Radio
- Backlit LCD Display
- Scrolling Information
- Signal strength, etc.
- 20 Programmable Presets
- Auto/Manual Scanning
- 3.5mm Stereo socket
- 75mm bass-reflex
- "C" x6 Battery 100Hrs
- Includes power pack
- 200x170x80mm

Code
DAB-DG200



DAB+ COMPACT PORTABLE AKAI

MODERN WHITE STYLE

- Digital Audio Broadcast +
- FM Analogue Radio
- Blue LCD Display
- Scrolling Information
- Signal strength, etc.
- 10 Direct Presets
- Auto/Manual Scanning
- 3.5mm Stereo socket
- 6x "AA" Batteries (Opt.)
- Includes power pack
- 180x90x40mm

Code
ADAB100



→ Digital Set Top Boxes

HHR640 MICRO HDTV TUNER

OPTIONAL USB STORAGE FOR DVR - REMOTE EXTENDER

The healing HHH640 Digital TV Tuner includes an integrated HDMI Connector - this makes for easy and quick connection directly to the TV's HDMI input - leads and cables are not required. The HHH640 is micro size and is 'hidden' - connected directly to TV's HDMI Input and operated by the IR extender. Includes a USB2 Recorder and Media Player. Low cost way to immediately upgrade television to enable you to Record TV programs - Manual Record and Timer Record with EPG programming, Time Shift live TV - Pause and Rewind Live TV, Playback of Media files: Movie, Music, Photos. For TV's that already include a digital tuner, The TV is upgraded to Two Tuners! You can now record programs and watch another channel at the same time. Outstanding HD and SD with 'Wide Horizon' will deliver DVD quality pictures as well as widescreen format. Superb picture resolution with a choice of formats including 1080i, 720p, 576p, and 576i. For TV's where HDMI input is not available - HHH640 also includes an AV jack and AV lead to enable connection to the TV's RCA composite input sockets. Can also be connected directly to the HDMI input of an Amplifier/ Receiver. Can also be connected directly to the HDMI Input of Projector. Compact 145x65x23mm Includes Remote Control and mains power pack. Requires Antenna and USB memory (for optional recording).

Code HHH640





20 MISC HOME THEATRE

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→ Digital Set Top Boxes

HHT650 HDTV DIGITAL SET TOP BOX WITH USB RECORDING

HDTV SUPER SENSITIVE HEALING TUNER

Delivers brilliant high definition pictures, superb audio quality and the convenience of USB Recording and Media File Playback. Connect a memory stick or external hard drive to the units USB2 port and recording your favourite TV programs is easy and the Time Shift feature will enable you to pause and rewind live TV. The Media Player brings a new dimension of media file playback flexibility – playback movie, photo and music files. Receives all freeview channels and delivers DVD quality pictures as well as widescreen format. Superb picture resolution with a choice of formats including 1080i, 720p, 576p, and 576i. Dynamic CD quality. In addition, the unit supports Do by Digital AC3 (when broadcast) via the Coaxial digital audio output when connected to your decoder amplifier. Connection to your TV is made easy with a choice of 3 video outputs - HDMI, Component and Composite. EPG is a chronological listing of all available TV broadcasters programming over an extended period and the units EPG will concisely display a list of current and upcoming programs on all available channels.

- HDMI, Component (Y Pb Pr) and Composite (CVBS)
- Left, Right and Coaxial Audio outputs
- Record and TimeShift live TV on your USB storage device
- Flexible Media Player, plays: .dat, .mpg, .mpeg, .ts, .mp4, .divx, .avi, .mjpg, .mp3, .aac, .wma, .ac3 files and more
- Stores up to 400 favourite TV and Radio channels
- Excellent High Definition & Standard Definition
- 'Wide Horizon' picture quality
- Resolutions 1920x1080i, 1280x720p, 720x576i, 720x576p
- Games, Calendar and Calculator functions
- Receives all 'freeview' Channels
- Centre Cut option: displays 16:9 on 4:3 screens
- Manual and Auto Scan Modes, supports Logical Numbering
- Signal Strength and Quality bars colour coded
- 7 Day Electronic Program Guide (EPG) with 8th day cross over
- Closed Caption (CC) Subtitle function embedded
- Low Energy MEPS compliant. Uses less than 1W on Standby
- 220x155x42mm



Code HHT650



HHT896 HDTV DIGITAL SET TOP BOX & USB RECORDER

OPTIONAL USB DVR STORAGE

HHT896 includes a fully functional USB recorder with Time Shift and comprehensive Media Player function, yet is easy to install with all AV outputs active simultaneously. Built in a small footprint case less than 220mm wide with a removable mains power lead, HHT896 also includes up to 8 day Electronic Program Guides, Optical Digital Audio for full surround sound and embedded Closed Caption Subtitles. Healing HHT896 delivers beautiful High Definition and Standard Definition Television pictures.

- Sensitive Tuner – responds to weak signals
- Signal Strength and Quality bars colour coded
- Receives all 'freeview channels'
- Stores up to 400 TV and Radio channels
- 7 Day Electronic Program Guide with 8 day cross over
- Closed Caption function embedded
- Energy Saving functions included
- Saves program parameters at Power Fail
- Robust Power Supply built for long life and reliability
- Compact Case Design: L 180mm x W 220mm x H 45mm
- MPEG4 / H.264 enabled
- Outstanding HD & SD 'Wide Horizon' Picture Quality
- 1920 x 1080i, 1280 x 720p, 720 x 576p and 720 x 576i
- Centre Cut option: displays 16:9 on 4:3 screens
- Video Outputs: HDMI, Component Y/Pb/Pr [RCAx3] and Composite CVBS [RCAx1]
- All video outputs active simultaneously
- Optical Digital Audio: S/PDIF output
- USB Record and TimeShift live TV
- Flexible Media Player - plays: .ts, .vob, .mp4, .mkv, .divx, .avi, .mp3, .m4a, .aac, .wma, and more
- 3D recording and playback ready



Code HHT896



MODELS MAY CHANGE PLEASE ENQUIRE



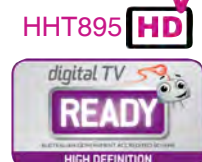


→ Digital Set Top Boxes

HHT895 HDTV DIGITAL SET TOP BOX & USB RECORDER

Now you can add HD USB 2 Recorders to your existing flat panel TV's recording programs for later or TimeShift live TV whilst you, take a phone call. HHT895 is among the first HD receivers to include an RF Modulator so that HD programs can be viewed on older televisions - along with high quality HDMI Composite and Component video outputs, all of which are active simultaneously. Picture quality exceeds that of the tuners in most integrated Digital TV receivers. Connect to any television and HHT895's integrated USB 2 recorder can take HDTV to a new level.

- Receives HD and SD Digital Terrestrial TV broadcasts
- USB 2 recorder with Time-Shift, supports most USB Flash & Hard Drives
- 8 Recording Timers with once, daily or weekly modes & sleep/wake timer
- Plays recording, .mpg, .jpg and .mp3 files
- Simple to connect with all outputs active simultaneously
- HDMI Component Composite and RF outputs
- 1,000 channel memory capacity
- User-friendly On Screen Display and Menu system
- Signal Quality and Intensity (Level) indicator bars
- Scans fast, accepts a broad range of broadcast parameters
- 5V DC available at input for amplifiers etc.
- Electronic Program Guide (EPG) provides 7 day + program information
- TV and Radio program names can be edited
- Parental channel and menu Lock functions
- Sub Titles (Closed Captions) and Teletext functions
- Multi-lingual On Screen Menu system in: English, French, German, Italian, Spanish, Portuguese, Russian, Polish, Swedish, Greek, Danish, Croatian, Dutch, Finnish, Hungarian & Slovenian
- 8 Favorite lists for groups of TV and Radio programmes
- Last viewed channel and sound level resume at start up
- Firmware upgradable by USB key
- Calculator with Tetris, Othello & Sudoku Game functions
- Front panel LED display shows Channel Number or Time
- Local Time Setting fully adjustable by user
- Logical Channel Numbering (LCN) is user selectable
- Auto Power - Down, select from 1hr, 3hr, 5hr or Off
- Separate power switch on back of unit
- Inbuilt RF Modulator shows HD program on old TVs



Code HHT895



HHT787 DUAL TUNER HDTV DIGITAL SET TOP BOX & RECORDER 500GB INBUILT

USB MEDIA RECORD & PLAYBACK - LEARNING REMOTE - 3D READY - 12V/240V

The Healing HHR787 is a Twin TunerPVR / DVR that can run on 240 Volts Mains Power as well as 12 Volts DC. This makes it perfect for use in the Home, Caravan, Motor Home, or Boat. It comes with a large 500GB Internal Hard Disk and can also record to an external USB Hard Disk Drive. Recordings can be transferred to an external drive for editing on a Personal Computer.

- 500GB Hard Disk Drive Inbuilt & external USB
- Receives all Freeview channels
- 12 volt or 240 volt operation
- MPEG2 & MPEG4 / H.264
- Large capacity internal 500GB Hard Disk Drive
- Silent and robust Hard Disk Drive especially for PVR's
- USB2.0 external recording and playback
- Twin Tuner: record 2 channels simultaneously
- Recording Modes: Manual, Timer and EPG
- Recording Timers: Once, Daily and Weekly
- Electronic Program Guide: 7 days plus
- Record Selection from Electronic Program Guide
- Skip Play: forward in 30 second or back in -15 second steps
- Seek Play: starts Playback at a designated time in a recording
- Bookmark Editing: removes sections from a recording
- TimeShift: enables you to Pause and Rewind live TV
- USB 2.0 Port: for external file storage and firmware upgrades
- 3D TV viewing, recording & playback on 3D capable TV
- High Definition & Standard Definition broadcast ready
- Video Formats: 1080i, 720p and 576i
- HDMI, YPbPr Component, S-Video Mini-DIN, CVBS Composite
- All outputs active simultaneously
- Coaxial Digital and Optical SPDIF Audio output
- RCA L & R Audio outputs x 2
- Learning Remote Control included
- Dual Power operates from 12 volt or 240 volt

TWIN TUNERS

HD recorder

500GB silent HDD



HHR787HD TV Recorder



Code HHR787





↓ Universal Remote Controls

UNIVERSAL LEARNING REMOTE CONTROL

PROGRAMMABLE SUNWAVE COMPACT SMART REMOTE

Boasting a contemporary design and a comfortable ergonomic shape the SRC-600 is a stylish replacement for up to six AV remote controls. It's ease of use makes it ideally suited to both home theatre & commercial use ie: boardrooms or lecture theatres. Featuring infra-red learning, the SRC- 600 can be setup with a simple 'point and learn' procedure in conjunction with your original remote controls. It's compact design fits easily in the pocket for use by instructors in audio visual classrooms. A bright LED backlight, intuitive icons and simple to use commands ensure this remote can be used by just about anyone!

Controls up to 6 devices 17 buttons per device NOT Pre-programmed Requires original remote To "Learn" codes from. Tested OK on Foxtel® 2 x AAA (not included) Modern styling remote Compact 125x55x18mm Infra-red learning Pulse code learning 380 bits. 64Kb memory Freq. 20-455KHz

Code
SRC600



↓ Universal Touch Screen

PRE-PROGRAMMED TOUCH SCREEN REMOTE

SUN-WAVE CUSTOMISABLE 8x2 SCREEN REMOTE CONTROL

- Learning remote with pre-programmed codes too
- Walk-through macro for easy initial programming
- Common "Hard" Keys for direct function control
- Enable to control up to 8 devices, 2 pages per device
- LED backlight colours change for quick n easy device ID
- Smart Macro automatically guides user through set up
- "Pick Up Sensor" saves power when not using the remote
- Learning Frequency : 20KHz - 455KHz & Pulse up to 256bits
- Foxtel PACE Box and iQ compatible remote frequencies
- 64x23x220mm. Backlit colour changer.
- Optional PC Interface cable available.

Code
SRC3200



OPTIONAL PC CONNECT
USB and Software Interface
Backup, Copy, Modify SRC3200

Code
SLC2080



LEARNING REMOTE CONTROL

8X 32 KEY PLUS MACRO

Controls up to 8 devices Uses a mechanical switch to change between devices 32 Clearly labelled buttons Total of 128 functions Macro is a function of putting several keys in the press of one button. eg. Power on DVD and AMP Macro can be assigned to any key from any other keys Requires the original remote to learn from and copy Requires 4x AAA Batteries

Code
URC108

BATTERIES TO SUIT

Pack of four
"AAA" Alkaline

Type Sanyo
Code LR03-BP4



TOUCH SCREEN LEARNING REMOTE

SUN-WAVE PRE-PROGRAMMED & PROGRAMMABLE REMOTE

- Control up to 6 devices including Foxtel. Ideally suited to small & medium home theatre systems
- Combines the functionality of up to 6 remote controls into ONE!
- Its memory contains hundreds of remote control codes to suit most popular hi-fi / home theatre equipment including Foxtel.
- Learns control codes directly from your existing remotes.
- Incredibly easy to set up and program.
- Intuitive layout makes it easier to operate your AV system.
- Movement activation means it's ready to use instantly.
- Automatically powers down to conserve battery power.
- Unique "punch-through" function allows LCD buttons & hard buttons to control different devices simultaneously
- Blue backlighting illuminates the screen, ensuring you never press the wrong button again!
- Macro function combines multiple commands into a single key press eg: turn tv on, switch to AV channel, turn on DVD player and commence playback.

Code
SRC1600





↓ Universal Remote Controls

UNIVERSAL REMOTE CABLE PLUS

FOXTEL iQ/iQ2 COMPATIBLE

4-in-1: Replaces 4 remotes
 Supports TV, DVD, VCR, DVR, Cable/Sat., Audio
 Pre-programmed with thousands of built-in codes
 Full cable functionality Foxtel Digital iQ & iQ2
 Additional buttons for DVD play back, etc.
 Ergonomic design for comfort and ease of use.
 Sleek glossy black finish with silver trim and rubber back
 200x62x28mm. Requires 2x AAA

Code
 BW8360



MINI UNIVERSAL REMOTE

TV ZAPPER BW001

Pre-Programmed replacement Remote for most TV sets
 Enter in a code from the manual or "Auto-Search".

NINE BUTTON LAYOUT

Volume Channel Power Mute
 All buttons are very clear
 Compact 140x50x18mm
 Batteries required 2x AAA

Code
 BW001



PRE-PROGRAMMED UNIVERSAL REMOTE

FOXTEL REMOTE-MASTER 900

Compat ble with all the new CTV & DVB systems including Foxtel, Austar, Optus, etc.
 Large key button layout Replaces up-to 8 remotes Pre-programmed to suit a majority of video equipment Including VCR, DVD & TV In particular, this model still has all the older VCR codes programmed into it. Ideal replacement remote for most applications Traditional styling Requires 3x "AAA" remotemaster.tv

Code
 RM0900



MINI UNIVERSAL REMOTE

REMOTE MASTER 820

RM820 (BW7080) Replaces up to two remotes
 Pay-TV Set-Top-Box as well as the TV Remote
 Compact, simple minimal eight key arrangement
 Volume control punch through functions
 Setup by code-entering from instructions or convenient automatic search function
 Dimensions: 130x55x30mm
 Requires 2x AAA Batteries

Code
 RM820



PRE-PROGRAMMED UNIVERSAL REMOTE

FOXTEL DIGITAL COMPATIBLE

Remote Master 580
 8-in-1 remote control
 Supports TV, DVD, VCR, DVR, Cable/Sat., Audio
 Pre-programmed
 Ergonomic Design
 Illuminated Keypad
 Also keys Glow in the dark
 With Teletext functions
 Punch Through Control
 188x50x25mm

Code
 RM580



LEARNING REMOTE CONTROL

ULTRA SLIM UNIVERSAL REMOTE CONTROL

Program the basic commands, which are regularly used and then store your original remote away.
 Will learn the local commands like Power, Channel UP/DOWN, Volume UP-DOWN, AV or MUTE.
 Simple to use. Also ideal for Hotels and Motels. Use the master remote to program as many remotes to give clients as required. Replaces any IR-remote control, programmable with the original remote control. Keeps settings during battery change. Requires 2x AAA Batteries (Not Included).

Code
 SK001





→ Remote Controls

↓ Windows Media Centre

MEDIA CENTRE REMOTE CONTROL

REMOTE FOR WINDOWS MEDIA®

Familiar remote control compatible with Windows® XP-Media Centre Software and also the new 7. Popular control buttons and quick-keys included. Eight-way thumb button for pushing the mouse. Includes USB IR Receiver. Requires 2x AAA batteries

Code
USB207



MEDIA CENTRE REMOTE CONTROL

BY SUNWAVE - WITH MOUSE THUMB

Infra-red remote control that allows control of Windows XP Media Centre® & Windows7® software via the IR USB receiver module that is included. Browse and play your music, videos, pictures and TV all by a convenient remote. Requires 2 x AAA batteries. Cool joystick thumb control for precise mouse movement scroll up/dn/L/R buttons. Clearly marked quick-keys Suit laptops or PC IR Receiver inc.

Code
SMR140



MEDIA CENTRE REMOTE CONTROL

- Ready for Window 7®
- Power your Windows Media Centre® PC with one remote
- Use standard Microsoft® drivers.
- Enjoy your favourite digital entertainment including live and recorded TV, movies and pictures.
- Easy to use with remote control for Windows Media Centre® menu.

Code
RMVR3



WIRELESS PRESENTER

Laser Pointer and Controller and Storage device All-In-One

This wireless multimedia presenter is a great tool for presentations. It works as a laser pointer, an optical mouse, a PC remote, a multimedia keyboard and a portable storage device.

- Control the pace of your presentation easily.
- Multifunctional presenter: functions as a laser pointer, an optical mouse and keyboard etc. Built-in flash memory up to 2G.
- Easy to use: It is USB plug-and-play. No driver required.
- RF 2.4GHz : Up to 10 metres
- Laser Distance: Up to 200 metres
- Trackball Resolution: Up to 400 Dpi
- Working Voltage: 3V (Presenter)
- Battery:AAA x 2
- Dimension:125 x 51 x 47mm
- Weight without batteries: 55g

Code
USB310





Foxtel Accessories

FOXTEL® DIGITAL REMOTE

Operate the FOXTEL® Digital Set Top Box as well being able to control other AV equipment. Built Pre-Programmed TV Codes & Learning Remote function. Original Foxtel® Accessory.

Code
FOX100



REPLACEMENT REMOTE

NON-ORIGINAL

Replaces any Foxtel Compatible with all Foxtel digital iQ iQ2 and Optus Vision. Attractive. Compact.

Code
RL-ACC140



REPLACEMENT TYPE
NOT GENUINE FOXTEL

FOXTEL® DIGIPATH

REMOTE TELEPHONE CABLE INSTALLATION

Wirelessly connect the FOXTEL® Set Top Box to existing telephone outlet for access to FOXTEL® interactivity programs, eg. FOXTEL® Box Office. No need for new telephone outlet installation Plug & Play 1.8GHZ DECT wireless solution, Works through walls and floors. Original Foxtel®.

Code
FOX800



FOXTEL® DIGITAL REMOTE iQ

IQ REMOTE ONLY

Operate the FOXTEL® Digital iQ Set Top Box as well being able to control other AV equipment. Built Pre-Programmed TV Codes & Learning Remote function. Original Foxtel® Accessory.

Code
FOX110



FOXTEL SCART TO COMPONENT

Enjoy enhanced picture quality by connecting you FOXTEL Set Box to the TV using Component (YUV). Universal SCART lead that also includes RCA Composite Video & R/L Audio output. 1.5M. Original Foxtel Accessory.

Code
FOX340



FOXTEL SCART TO VCR COMPOSITE

Provides both IN and OUT RCA AV connections from your FOXTEL Set Top Box to you Video Recorder, DVD player or directly to your TV. Original Foxtel Accessory. 1.5M

Code
FOX320



See Section 08 PREPARED LEADS

Code
VC25

FOXTEL® HD & iQ2 REMOTE

HIGH-DEFINITION

New set-top box for HD-TV Operate the FOXTEL® Digital iQ2 Set Top Box as well as being able to control other AV equipment inc TV & DVDs. Built-In Pre-Programmed for a majority of TV Codes & Learning Remote function. Original Foxtel® Accessory. Compatible with ONLY Foxtel® iQ2 settop box

Code
FOX120



FOXTEL SCART TO S-VIDEO & RCA AUDIO

Improve picture Quality by connecting your FOXTEL Set Top Box to the television using S-VIDEO interconnect. RCA R/L Audio. 1.5M Length. Original Foxtel Accessory.

Code
FOX330

See Section 08 PREPARED LEADS

Code
VC28



FOXTEL OPTICAL AUDIO CABLE

Experience the true Quality of FOXTEL Digital by connecting your FOXTEL Set Top Box to your Hi-Fi system for surround sound where available. 1.5M Length.

Code
FOX310



See Section 08 PREPARED LEADS

Page 8-2 and on...



→ CYP TV Wall

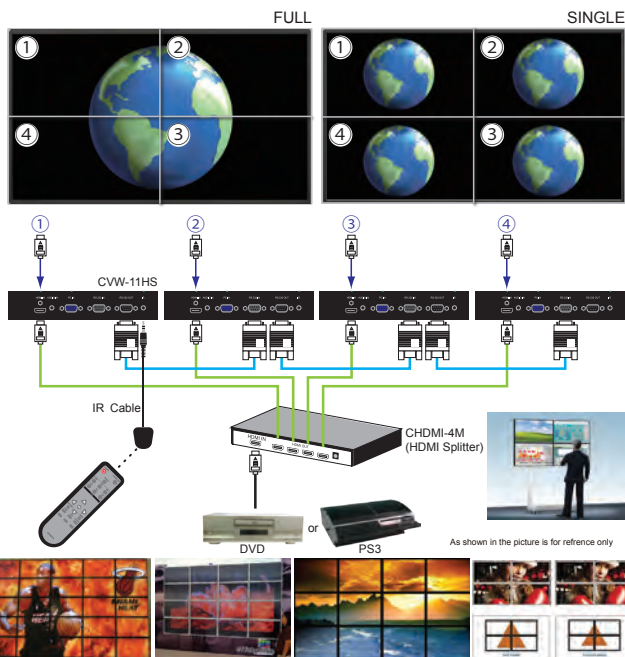
LCD MULTI-SCREEN VIDEO WALL CONTROL SYSTEM

LCD MULTI-SCREEN VIDEO WALL CONTROL SYSTEM

Need to capture the public's attention! Why not get a Multi-Screen Video Wall control system? Ideal for advertising, entertaining and displaying information. This allows users to cascade a HDMI or PC source to multiple LCD panels. By use of the built-in RS-232 control you are able to fully customize each of the LCD panels giving you complete control over multiple screen video walls including colour, brightness trim and gap trim. Resolution is not an issue with the embedded scaler. There is a pair of additional L/R RCA converter for user to output analog audio (extracted from the HDMI source, or routed from the analog audio input) to local speakers. Each monitor will require one CVW-11HS that are then coordinated together by RS232 communication leads (inc.) and OSD menu setup via IR remote. Note: An additional HDMI Splitter (to the number of monitors) and leads, etc. will be required to set up the system.

- Supports six video wall combinations with HDMI
- 2x2 (4), 3x2 (6), 3x3 (9), 4x3 (12) 4x4 (16) 5x5 (25) screens
- Supports both HDMI and PC Sub-D (with 3.5mm audio) input sources
- Resolution supported up to 1080p full HD input
- Use RS-232 cables to cascade over every connected CVW-11HS box
- Supports external IR receiver for IR remote control of CVW-11HS box
- Note: Requires HDMI or PC Sub-D (with 3.5mm audio) signal splitter to distribute video / audio signal to each connected CVW-11HS box.

Input	Output	Scaler	Description	Code
HDMI	4, 9, 16, 25X	TV Wall	Video Wall Control Box	CVW-11HS



→ CYP 3D Converters

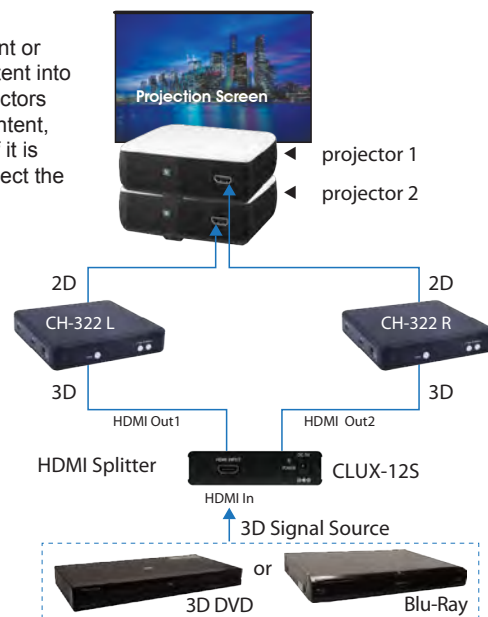
3D DEMULTIPLEXER

EXTRACTS LEFT OR RIGHT EYE IMAGE

Left eye and Right eye demultiplexer makes 3D contents display on your existing equipment or take 3D contents and convert it to 2D. The 3D demultiplexer can split a HDMI v1.4 3D content into two HDMI v1.3 content, one for the left eye and one for the right eye and with two 2D projectors to recreate the 3D content on the projection screen. Automatically detects the 3D or 2D content, when demultiplexer it will detect the contents is 3D and the system will check the content if it is Side-by-Side or Frame Packing, the user can push the button from the demultiplexer to select the Left/Right (for Side-by-Side) or Top/Bottom (for Frame Packing) to perform 3D contents.

- Convert 3D to 2D Contents
- Separations for Left/Right (for Side-by-Side) or Top/Bottom (for Frame Packing)
- Automatically detect 2D, or 3D contents
- Automatically detect 3D as Side-by-Side or Frame Packing
- Input resolution support:
- 2D: 480i/p, 576i/p, 720p@50/60, 1080i@50/60 and 1080p@50/60
- 3D: 720p@50/60 (Frame Packing and Side-by-Side),
- 3D: 1080p@24 (Frame Packing)
- Output support 1080p@60Hz only
- One push button to select Left/Right (for Side-by-Side) or Top/Bottom (for Frame Packing) to perform 3D contents

Input	Output	Scaler	Description	Code
3D x1	2D x2		3D Demultiplexer box	CH-322



2D TO 3D CONVERTER BOX

WITH 3D SIMULATOR FEATURE

The CH-2D3D Converter Box offers real-time conversion of 2D content. Using this device you can easily create a 3D video using either a 2D or 3D TV/display. Instead of purchasing an expensive 3D display/TV and costly 3D DVDs, this device allows you to convert 2D formats into other 3D formats, for instance 2D content to SBS (Side-by-Side Half).

- Supports 2D to Side-by-Side (half)
- Supports up to 1080p@60Hz and 720p@120Hz 8-bits
- The CH-2D3D has a built in EDID. When the display is either HDMI or HDMI/ DVI the EDID will copy the displays EDID to show content.
- When the display is DVI, the MCU (Micro Control Unit) will modify the EDID so 3D content can be displayed.
- Supports 2D interlace video input bypass but does not support 3D interlace video or the conversion of 2D interlace into 3D
- Easily integrates with existing TVs, monitors and portable DVD players
- Supports HDCP source, but does not support HDCP repeater function.

Input	Output	Scaler	Description	Code
2D x2	3D x1		2D to 3D media box	CH-2D3D





→ Speakers and Amp's

SOUND BAR

UNIQUE AUDIO SOLUTION - SURROUND SOUND FROM A SINGLE SPEAKER

As we advance we are able to create some amazing pieces of technology, one of those creations is the CPRO-A1 Sound Bar. With its sleek, modern design that includes built in speakers, this Sound Bar is superior to most thanks to its numerous new features and compact design. HDMI™ compliant and supporting 7.1 channel surround sound the CPRO-A1 Sound Bar is a single piece speaker system designed so you can enjoy high quality surround sound without going through the hassle of a multi-speaker setup. The CPRO-A1 Sound Bar, makes your entertainment world complete.

- HD Sound Theatre Technology.
- HDCP 1.4 and CEC1.4 compliant.
- PCM 2.0, 5.0 & 7.1
- HDMI v1.4
- Audio Return Channel (ARC).
- Support CEC bypass.
- Supports HDCP repeater.
- HDMI compatible audio interface.
- Dedicated, flexible audio input/output port.
- HDMI output with xvYCC to RGB colour space design.
- HDMI compatible audio interface.
- Dedicated, flexible audio input/output port.
- Full audio input and output support.
- Audio sampling rate up to 192KHz.
- Support I-POD Dock (Video/Audio input & HDMI OUT).
- Dolby Digital 2.0 & 5.1 (Option).
- Supports different audio sound modes (Jazz/Music/Speech/Concert/ Movie) with a flexible Subwoofer setting (internal or external).
- Includes a built-in HDMI EDID simulator and HDCP keyset which allows independent audio source selection.
- Fast switching on all HDMI input ports in less than 1 second.
- Deep Colour support 36/30/24-bit, 1080p@60Hz.
- Supports Audio Channel Level +/- 10dB).
- Easy to install and operate.
- User friendly OSD menu.
- Large, easy to read LCD display.



Input	Output	Description	Code
HDMI (v1.4)	Speaker	Speaker Sound Bar	CPRO-A1

7.1 CH AMPLIFIER

HDMI V1.4 DSP SURROUND SOUND POWER AMPLIFIER 7X 50Wrms

The traditionally bulk and large amplifier is transforming into a new era with the newly formed light and full functions design. Instead of taking over a size of small TV's space this new amplifier only needs the space of a lunch box. Also, the installation & operation steps are becoming much user friendly with the OSD and remote control. The multichannel AV amplifier is made with high efficiency design and is compliant with HDMI 1.4's specification of ARC function and supports 3D display, these allows users to enjoy high quality true sound with no delay and real 3D display with true colours.

- HDMI 1.4, HDCP 1.4 and CEC1.4 compliant.
- HDMI 1.4 support.
- Audio Return Channel (ARC).
- Fast switching on all HDMI input ports in less than 1 second.
- Deep Colour support 36/30/24-bit, 1080p@60Hz.
- Built-in HDMI EDID simulator and HDCP keyset allows each output to work independently in connecting to a HDMI display.
- Support CEC bypass.
- Supports HDCP repeater.
- HDMI output with xvYCC to RGB colour space design.
- HDMI 1.4 compatible audio interface.
- Dedicated, flexible audio input/output port.
- Full audio input and output support.
- Audio sampling rate up to 192kHz
 - PCM 2.0, 5.1 & 7.1
 - Dolby Digital 2.0 & 5.1, Dolby Pro Logic II (Option).
- Supports different audio sound mode (Jazz/music/Speech/Concert/ Movie).
- Supports Speaker Setting (Speaker Size, Speaker Level +/- 10dB, Speaker Distance 0~10M).
- Easy to install and simple to operate.
- Elegant compact design and streamline shape, excellent performance and decoration.
- Supports thermal dispensation.
- User friendly and user operating OSD menu overlay with TV.
- Big size Graphic LCD display.
- 280(W) x 162(D) x 49(H)mm.



Input	Output	Description	Code
4x HDMI / 1x Coaxial / 1x 7.1 Analog / 4x RCA R/L	1x HDMI / 1x Sub / 7x Speaker Jack	Audio Amplifier	CPRO-AVR1



→ Audio Converters

LINE LEVEL TO PHONO INPUT

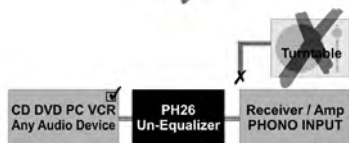
USE THE SPARE PHONO INPUT

If you require an extra input to your amplifier here is an option to use that old phono input ! Your turntable is gathering dust, so why not use its' input for that new black box. Fully shielded in a metal box, premium quality components, gold plated plugs and sockets. The circuitry re-equalizes the signal to counteract the RIAA eq. low level (MM) input. Passive (No power required).



Code

PH26



STEREO ANALOGUE TO OPTICAL PCM

CYPRESS FORMAT CONVERTER

Compact unit with stereo audio in and converts it to 16 bit PCM (Digital) output to Toslink Optical and RCA PCM connections. Compatible with Digital home-theatre and receivers or other digital items, etc. Sampling rate 48KHz LPCM Linear Pulse Code Modulation



Input	Output	Description	Code
L&R	Optical/Coaxial	Analog to Digital Audio Converter	DCT-4
L&R	Optical/Coaxial	Analog to Digital Audio Converter with Audio Delay(150ms)	DCT-4T

PHONO CARTRIDGE PREAMPLIFIER

ACTIVE RIAA EQ FOR AUX IN

Miniature Active Add-On Phono pre-amplifier RIAA Stand alone 70x40x120mm Metal Box. Screw mounts. Magnetic cartridge in To Line level output. Suit upgrading modern home theatre receivers that dont offer an input for your beloved turntable! Gold plated terminals. Quality OpAmp circuit. Low noise design. 12Vdc. With powerpack.



Code

SP24A

OPTICAL PCM TO STEREO ANALOGUE

CYPRESS DIGITAL DECODER

Compact unit with stereo audio output converted from Standard 16 bit PCM (Digital) Input is Toslink Optical or RCA PCM connections. Compatible with DCT4 and LPCM Stereo CD players. Accepts sampling frequencies 32KHz, 44.1KHz, 48KHz, 96KHz. White 42x40x22mm compact



Input	Output	Description	Code
Optical/Coaxial	L&R	Coaxial / Optical to R/L audio	DCT-3

AUTOMATIC VOLUME LEVELLER

SRS TruVolume

Regulates audio volume to the most comfortable listening level. Preventing disturbing fluctuations while you channel surf, as well as taming those obnoxious commercials, while you could still hear every detailed sound in quieter passages. Helps the hearing impaired by compressing the dynamic range to a constant level. Boosts low and high-frequency dynamically over 20-bands with psychoacoustic modelling. Bypass switched.



Input	Output	Description	Code
L&R	L&R	Analog SRS TruVolume Audio Leveller	DCT-6S
SCART	SCART/L&R	SCART SRS TruVolume Audio Leveller	DCT-11S
HDMI(v1.3)	HDMI(v1.3)	HDMI SRS TruVolume Audio Leveller	DCT-8S

TOSLINK/COAXIAL CONVERTER REPEATER

VICE-VERSA

Converts Coaxial (S/ PDIF) to Toslink or Toslink to Coaxial and repeater, Accepts S/PDIF audio signal input through either Coaxial cable or Toslink cable, and passes the signal (as is) to both its coaxial and Toslink output ports. With its built-in amplification feature, can also serve as a repeater to extend (double) the cable transferring distance.



Input	Output	Description	Code
Optical/Coaxial	Optical/Coaxial	Coaxial / Toslink Audio Converter	DCT-2



→ Audio Converters

HDMI 7.1CH AUDIO DECODER

LPCM 7.1 ANALOGUE OUT

HDMI V1.3 Repeater/
Extender Transfers deep
Colour 12Bit High bandwidth
up to 225MHz Audio output
is Analogue 7.1 4x Stereo
3.5mm for 8 Channel
Compatible with Bitstream:
Dolby, Dolby TrueHD,
DTS-HD. LPCM 7.1 5.1 or
2 Channels See web for
further details Compact
metal box 100x150x25mm



www.cypress.com.tw

Input	Output	Description	Code
HDMI	HDMI x1 / 3.5mm x4 / Optical	HDMI to 7.1CH Audio decoder	CLUX-115A

USB / OPTICAL TO OPTICAL ANALOG CONVERTER

USB / Optical input converts to Analog RCA R/L and Optical output.
Ideal for connecting your computer your amplifier / sound system that
has SPDIF inputs. R/L output jacks can be linked to a display or to
speakers simultaneously for Stereo Analog Audio output.



Input	Output	Code
USB/Optical	Optical/L&R	DCT-15

DIGITAL AUDIO TO HEADPHONE WITH VOLUME

Converts Coaxial or
Optical audio signals
into a headphone
amp. Auto digital input
signal select on active
connection. Supporting
PCM 2CH, 192k/24
bit digital audio input
(Coaxial/Optical)
with a 44.1 KHz, 48
KHz, 96 KHz, 192K
sampling rate this
compact is a simple,
yet useful tool for
audio professionals.



Input	Output	Code
Optical/Coaxial	3.5mm Headphone Jack	DCT-3HP

USB TO OPTICAL & AUDIO CONVERTER

ASIO USB ASYNC UP TO 192KHZ 24BIT

ASIO (Audio Streaming Input
Output) is a USB 2.0 Interface
standard for async data transfer
designed for professional grade
audiophile digital audio.
Pro USB Audio Converter is
able to accept multi-channel
high resolution digital audio up
to 192K and a high bit rate of
24-bits without introducing jitter.
This professional grade
audiophile async digital audio
device allows PC audio signals
to be output via USB 2.0 to
Toslink Digital Audio or to an
analogue amplifier, active
speakers or headphones for
users to enjoy the original true
sound quality.



Input	Output	Code
USB	Optical/Coaxial/L&R/6.3mm-Headphone	DCT-16

UNIVERSAL DIGITAL / ANALOG AUDIO

Selectable Optical / Coaxial
/ RCA L/R both IN and multi-
format Out audio converter.
This device can convert
Analogue Audio Signal and
convert it to Digital Audio Out
or convert Digital Audio Signal
into Analogue Audio Out and
also convert Digital coaxial to
Toslink and Toslink to coaxial.



Input	Output	Code
Optical/Coaxial/L&R	Optical/Coaxial/L&R	DCT-9

AUDIO SYNCHRONISATION CORRECTOR

LIP SYNC CORRECTOR

The L/R In-Out Lip SYNC Corrector is a compact device that corrects
audio delays between audio and video. When distributing video over
long distances through multiple devices like distribution amplifiers
and set top boxes there can sometimes be a noticeable delay which
results in audio being played before the video. This gadget lets you
manually adjust the audio delay from 0 ~300 ms so you can perfectly
synchronize your audio and video, so when it reaches the display your
media is synched and ready to go.



Input	Output	Description	Code
L&R	L&R	L/R In-Out Lip SYNC Corrector - Audio Delay (0~300ms)	DCT-18
L&R	Optical/Coaxial	Analog to Digital Audio Converter with Audio Delay(150ms)	DCT-4T



→ Audio/Video Selectors

DIGITAL OPTICAL AUDIO SPLITTER

DIGITAL OPTICAL AUDIO SPLITTER

Digital Optical Audio Splitter is designed for the audio signal distribution from one digital optical input to two outputs, using TosLink (Optical Fibre) cables. The Optical Fibre cables connected to both ends of the unit can run up to a range of 5 metres while still able to provide reliable and lossless audio signal transmission. The product is compact and easy to install, which makes it a very handy gadget, recommended for either home or professional audio distribution.



Input	Output	Description	Code
Optical x 1	Optical x 2	Digital Optical Audio Splitter	DT-12

DIGITAL OPTICAL AUDIO SWITCHER

DIGITAL OPTICAL AUDIO SWITCHER

Digital Optical Audio Switcher box is designed for the audio signal selection from two digital optical inputs to one output, using TosLink (Optical Fibre) cables. The Optical Fibre cables connected to both ends of the unit can run up to 5 metres while still provide reliable and lossless audio signal transmission. The product is compact and easy to install, which makes it a very handy gadget recommended for either home or professional audio switching.



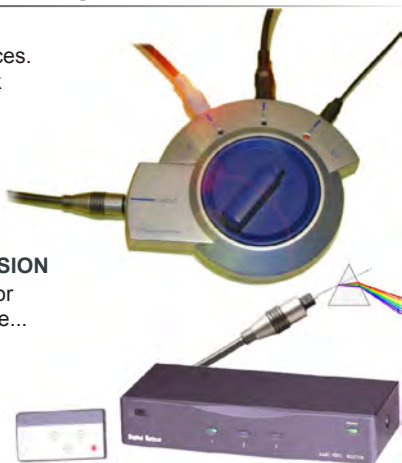
Input	Output	Description	Code
Optical x 2	Optical x 1	2 by 1 Digital Optical Audio Switcher	DT-21
Optical x 4	Optical x 1	4 by 1 Optical Audio Switcher with IR Remote	DCT-17

OPTICAL CABLE SELECTOR

TOS-LINK SPDIF

Select between three sources. Bi-directional. Positive click select wheel. All done with mirrors (Passive).

Code	OPTO-SW3
------	----------



REMOTE CONTROL VERSION

For a full AV Source selector See our AVS31R Next Page...

Code	AVS31R
------	--------

STEREO AV SWITCH - LOOSE

VIDEO & STEREO AUDIO

Select switch between Three/ Four A/V sources quickly and easily. Excellent idea for a game console and the TV with not enough inputs. Includes 3x RCA 1.2M

Type	Code
3way	TP168
4way	TP178



STEREO AV SWITCH BOX 2-WAY

2-INPUT & 1-OUTPUT

Two-Way selector switch is a compact, time saving control center for home entertainment system. Connect two stereo audio/video sources to TV or VCR. RCA phono jack inputs and outputs. Size 135x52x35mm.

Type	Code
2 Ways	AVS2



STEREO AV SWITCH BOX 4-WAY

BUILT-IN COMPOSITE & S-VIDEO CONVERSION CIRCUIT

S-Video Compatible 4-Way selector switch. A compact, time saving control center for home entertainment system. Connect 4 stereo audio/video sources to TV or VCR. RCA phono jack inputs. Outputs RCA phono jack with S-Video sockets. Size 200x110x45mm

Type	Code
4 Ways	AVS4



STEREO AV SWITCH BOX 4-WAY

DUAL MONITOR OUT (PASSIVE SPLITTER)

Conveniently adds extra inputs to your TV and/or stereo system. Includes two outputs and also S-Video & CVBS conversion for maximum versatility. Front connections for quick access. Mechanical push button select. 195x50x120mm

Type	Code
4 Way	AV-421S



→ Interconnect

TOSLINK

STANDARD 2mm

Code	Length
OPTO111	1M
OPTO112	2M
OPTO113	3M

OPTO-LINK 5mm

OPTO200	0.5M
OPTO201	1M
OPTO202	2M
OPTO203	3M
OPTO205	5M

WHITE-PEARL Deluxe

CXS1502	1.0M
CXS1503	2.0M
CXS1504	3.0M

LEADS SEE Section 8



QUICK REF' Complete range See Section 8... PREPARED LEADS



→ Audio/Video Selectors

AV SWITCH BOX WITH REMOTE - YUV

STEREO AUDIO & DIGITAL AUDIO

Source select box with four inputs and split output to two monitors. Full bandwidth high definition analogue component YUV video. Stereo audio L/R plus Coax Digital Audio. Front panel cycle switch selects one of four sources. Includes IR remote control for direct selection. 9V power pack. Front panel LED Indicators. 235x165x45mm

Code
YUV411RL



AV SWITCH BOX WITH REMOTE - CV & SV

FIBRE-OPTIC TOSLINK S-Video OR COMPOSITE 3-WAY

Signal source selector for todays modern equipment including stereo audio, composite video (1x RCA) and S-Video too. Now with Toslink fibre optic connectors for electronically switching between your new digital audio sources. Compact, attractive box with clearly labeled, intuitive rear connections. Illuminated select switches on front. Now with the added convenience of a remote control! Economically expand the resources of your digital amplifier. WITH REMOTE AND POWER PACK

Code
AVS31R



AV SWITCH BOX WITH AUTO SELECT - CV & SV & YUV

AUTOMATIC DELTA SELECT FEATURE COMPOSITE or S-VIDEO or COMPONENT [YUV]

Allows up to 4 A/V signal sources to be connected to one visual device (HDTV). RCA stereo audio and video switching; Composite (1xRCA) Video & S-Video or Component RGB/YUV (*but not between). Up to High Def TV 1080i resolution. The unique feature to this switch is on sensing a new signal source on any of the 4 inputs, it will switch to that source automatically (Delta Select). Thus it is not necessary for an extra remote control or manual selection. Not a format or media converter.

Code
YUV100



CYPRESS HDTV A/V SWITCH - 4 WAY

REMOTE CONTROLLED PROFESSIONAL GRADE

Simply pressing a button on remote control you can select your desired HD/SD source for display on the High-Definition monitor Component(YUV) 3x RCA Analogue switcher. Also switches stereo Audio & Coax Digital. Ideal for home theatre or presentations, etc. High bandwidth performance 650MHz at -3dB Includes IR remote control for direct select. Front panel buttons with LED select indicators. RS-232 interface for control from a distant device. Supports HDTV high resolutions up to 1080p Supports audio S/PDIF (Digital) and L/R (analog). 292(w)x176(d)x48(h)mm Black metal cabinet Professional reliability from www.cypress.com.tw

Code
CHDD-41AR





→ Audio/Video Selectors

COMPONENT 4x2 MATRIX

COMPONENT 4x2 MATRIX

Cypress CCMX-42 is a high performance Component + L/R Audio Matrix with remote control. It offers you maximum convenience in HDTV audio/video signal distribution when you have multiple sources and displays to connect together. Each of the four HDTV audio/video sources can be directed to any one of the two outputs, so two displays can show 2 identical or 2 different sources at the same time. CCMX-42 provides a maximum of 8 possible connection scenarios between sources and displays.

- Provides 4 by 2 matrix input/output of Component (YPbPr/YCbCr) video and L/R audio signal.
- Buffered video and audio output.
- Input source LED indicators on each output select.
- Ideal for home theatre integration, conference room and retail stores.
- Supports high resolution input/output: HDTV: 480i, 576i, 480p, 576p, 1080i, and 1080p.
- Supports analog stereo L/R audio input and output.
- IR remote control.
- RS-232 control.



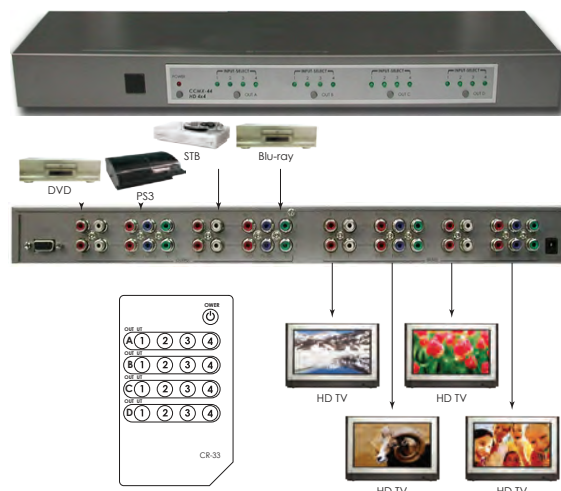
Interface	Compliance	3D	Input	Output	CEC	EDID	Cascade	Max Res.	Chassis	Description	Code
Component	-	-	4	4	-	-	-	UXGA/1080p	Metal	Matrix 4x2	CCMX-42

COMPONENT 4x4 MATRIX

COMPONENT 4x4 MATRIX

Cypress CCMX-44 is a high performance Component + L/R Audio Matrix with remote control. It offers you maximum convenience in HDTV audio/video signal distribution when you have multiple sources and displays to connect together. Each of the four HDTV audio/video sources can be directed to any one of the four outputs, so four displays can show 4 identical or 4 different sources at the same time. CCMX-44 provides a maximum of 16 possible connection scenarios between sources and displays.

- Provides 4 by 4 matrix input/output of Component (YPbPr/YCbCr) video and L/R audio signal.
- Buffered video and audio output.
- Input source LED indicators on each output select.
- Ideal for home theatre integration, conference room and retail stores.
- Supports high resolution input/output: HDTV: 480i, 576i, 480p, 576p, 1080i, and 1080p.
- Supports analog stereo L/R audio input and output.
- IR remote control.
- RS-232 control.



Interface	Compliance	3D	Input	Output	CEC	EDID	Cascade	Max Res.	Chassis	Description	Code
Component	-	-	4	4	-	-	-	UXGA/1080p	Metal	Matrix 4x4	CCMX-44

COMPONENT 4x4 MATRIX WITH DIGITAL AUDIO

COMPONENT 4x4 MATRIX WITH DIGITAL AUDIO

High performance Component of Digital/Analog Audio with Video Matrix. It offers you maximum convenience in HDTV audio/video signal distribution when you have multiple sources to display. Each of the four HDTV audio/video sources can be directed to any one of the four outputs and or all four displays can show one identical output sources at the same time. It provides a variety of choices on where to play your image with remote controller. Each input can be direct to any/all output. Audio format of Digital or Analog both acceptable.

- Provides 4 by 4 matrix input/output of Component (YPbPr/YCbCr) video and L/R & Coaxial digital audio signal.
- Buffered video and audio output.
- Input source LED indicators on each output select.
- Ideal for home theatre integration, conference room and retail stores.
- Supports high resolution input/output.
- HDTV: 480i, 576i, 480p, 576p, 1080i, and 1080p.
- Supports analog stereo L/R audio input and output.
- Support Coaxial audio input and output.
- IR remote control.
- RS-232 control.



Interface	Compliance	3D	Input	Output	CEC	EDID	Cascade	Max Res.	Chassis	Description	Code
Component	-	-	4	4	-	-	-	UXGA/1080p	Metal	Matrix 4x4 Digital Audio	CCMX-44DA



→ AV Distribution Splitters

COMPOSITE VIDEO & AUDIO X4

INPUT

1X Composite Video (RCA)
1Vpp 75Ω PAL/NTSC/etc.
Stereo Audio (L&R RCA)

OUTPUT

4X Composite (RCA) 1Vpp
75Ω Buffered 4X Stereo (L&R)

SPECIFICATIONS

Video 10MHz Bandwidth 40
x 125 x 96mm Includes a
3xRCA Lead Includes 12Vdc
500mA Full metal enclosure.
Professional. Reliable

Code
SB3714



**4x
Splitter**



**Composite Video
& Stereo Audio In**



FOUR X OUT

COMPOSITE VIDEO & AUDIO X8

INPUT

1X Composite Video (RCAx1)
1Vpp 75Ω PAL/NTSC/etc.
Stereo Audio (L&R RCA)

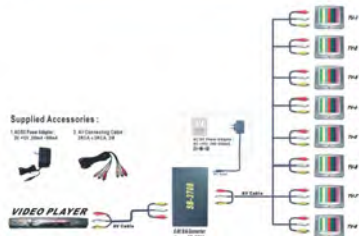
OUTPUT

8X Composite (RCA) 1Vpp
75Ω Buffered 8X Stereo (L&R)

SPECIFICATIONS

Video 10MHz Bandwidth 240
x 140 x 50mm LED display
indicates which outputs are
connected! Excellent for
diagnostics making installing
easy.

Code
SB3708



Supplied Accessories:

S-VHS VIDEO & AUDIO X8

INPUT S-Video

+Stereo Audio (L&R RCA)

OUTPUT 2X S-Video

1Vpp 75W Y/C 20MHz

2X Stereo (L&R) Video

20MHz Bandwidth

125x96x40mm

Code
SB3716



OUTPUT 4X S-Video

OUTPUT 4X S-Video & 4x

Stereo Audio 20MHz Bandwidth
240x140x50mm

Code
SB3709



**8X
Splitter
S-Video**

APPLICATION:

1. VCR
2. VIDEO CD
3. DVD PLAYER

COMPONENT HDTV VIDEO & AUDIO SPLITTER

INPUT YUV/RGB

1X Component Video RCAx3 1Vpp 75Ω RGB/YCrCb/YPrPb
Stereo Audio (L&R RCA)

OUTPUT X4

Component/RGB RCAx3 1Vpp 75Ω RGB/YCrCb/YPrPb 4X

Stereo Audio (L&R)

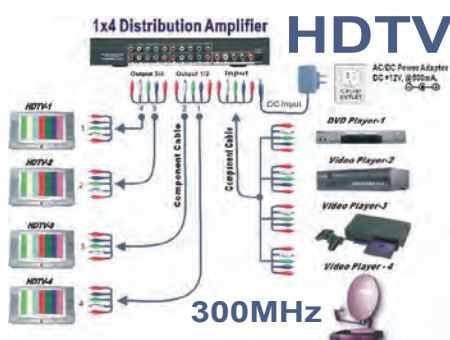
SPECIFICATIONS

Video 300MHz Bandwidth 305 x 150 x 45mm Metal box
construction Gold plated RCA sockets Can be used for RGB, etc.
(But does not convert).

Code
SB3730



COMPONENT & STEREO AUDIO



HDTV VIDEO DISTRIBUTION

WITH DIGITAL & ANALOG AUDIO

6 RCA INPUTS Use either Component, RGsB, RGB/HV* or
Composite Video. 3x3 output for composite video (3 different inputs
with 3 outputs for each input) Analogue RCA* R/L and Coaxial Digital
audio. Includes RGB, Composite, Audio R/L RCA cables and Power

VIDEO IN/OUT

Component x 1

RGsB x 1

RGBHV x 1

Composite x 3

AUDIO IN/OUT

Coaxial x 1

RCA R/L x 1



Input	Output	Description	Max Res.	Code
1	3	1x3 HD + Digital (Coaxial) + Analog (LR) Audio	UXGA/1080p	CHDD-3C
1	8	1x8 HD + Digital (Coaxial) + Analog (LR) Audio	UXGA/1080p	CHDD-8C





→ SmartView

VGA SOURCE SELECTOR SWITCH

MULTIPLE SOURCE → ONE OUTPUT

Single output VGA Monitor Intelligent video source selector switch with unit connection indication. (Shows if PC is active) Push-button direct select. Quality metal box. 1U High. Supports DDC2AB, 250MHz XUGA 1920x1440, 60Hz All HD15 Female Sockets Requires connection leads



Switch	Code
2 Way	SMV1502
4 Way	SMV1504

VGA SPLITTERS

ONE INPUT - MULTIPLE OUT

Extends up to 65 Metres Male[In] g Female[Out]

250MHz XGA

Outputs	Code
1 Way	SMV1101
2 Way	SMV1102
4 Way	SMV1104
8 Way	SMV1108
16 Way	SMV1116



400MHz U-XGA

HD15 & 3.5mm Stereo Audio

Outputs	Code
2 Way	SMV1202
4 Way	SMV1204
8 Way	SMV1208



REQUIRES LEADS

More types available, see; Section 16 COMPUTER

VGA SELECTOR WITH REMOTE CONTROL

MULTIPLE SOURCE SWITCH

Single output VGA Monitor Intelligent video source selector switch with a mini remote control, OSD and auto-cycle features. Front panel LEDs show what is connected and what is selected. Quality metal box. Supports DDC2AB, 250MHz XUGA 1920x1440, 60Hz All HD15 Female Sockets Requires connection leads



DIRECT SELECT
AUTO CYCLE
ON-SCREEN-DISPLAY

Switch	Code
4 Way	SMV1604
8 way	SMV1608



VGA SPLITTER 400MHz SWITCHABLE

TURN OUTPUTS ON/OFF

Front panel indicators show connection signal Each output can be switched on or off. Premium grade analogue for optimum quality. Extends runs up to 65M Wide bandwidth 400MHz UXGA, 2048x1536 60Hz Male to Female HD15 Requires cables

Split	Code
2 Way	SMV1302
4 Way	SMV1304
8 Way	SMV1308



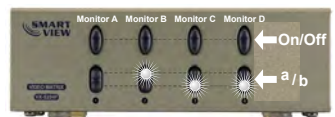
VGA SELECTOR MATRIX

2 INPUTS / MULTIPLE OUTPUTS

Multiple Sources & Monitors! Each output can be switched between either of two inputs for Intelligent functionality UXGA 1920x1440, 60Hz, 250MHz All HD15 Sockets. Upto 65M. Intuitive front panel pushbutton & display of selected. Metal cabinet 1U high.

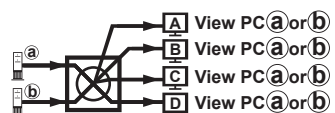


2/4/8 WAY



HD15 Female x2 to Female x4

Matrix	Code
In(2)Out(2)	SMV1402
In(2)Out(4)	SMV1404
In(2)Out(8)	SMV1408
In(2)Out(16)	SMV1416

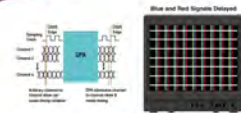


VGA SKEW CORRECTION BOX

PICTURE ALL SKEWED UP?

HDTV and VGA Stabilizer Suits Projectors, LCD, etc. If you are running a hi-res signal over a long distance using our Smartview extenders as they have video level and EQ adjustments built-in. In most cases this will be sufficient, however, if you have a sensitive monitor, further tweaking accrue excellent results, Especially for extensions over 150M may require this. Upto U-XGA 1280x1024, 60Hz. Full digital step adjust of separate RGB Relays. From 2nS to 64nS max.

Code
SMV129



CORRECT CABLE LOSSES





→ SmartView

COMPONENT & VGA REPEATERS

BOOSTER 65M

Male to Female HD15
250MHz UXGA 1920/60Hz

Code
SMV1101



LEADS
REQUIRED

EXTENDER CAT5

SXGA 1280/60Hz max.
Uses Cat5 Cable

Length	Code
180M	SMV101
300M	SMV102



PC or AV Source
Monitor LCD Projector

STEREO 2-WAY AUDIO

Send/Return for PCs
Microphone/Speakers

Length	Code
300M	SMV300



CAT5
REQUIRE
CABLE

DVI SELECTOR SWITCH

SMARTVIEW DVI-I

Resolution to 1280x1024 LED
Fascia indicator for connection
confirmation and another for
selection Pushbutton direct
select DDC-2 for EDID thru-
put DVI-I is DVI-D & DVI-A
Digital & Analogue boost
Standard Cable = 10M Max.
All DVI Sockets (Female)
SmartView AVlink Silver

Switch	Code
2 Way	SMV4202
4 Way	SMV4204



Requires Leads And 1 Monitor
Multiple Sources

HDMI SPLITTER

DISTRIBUTION AMP

PanelLink Digital Technology®
Premium grade signal splitter
Accepts / Sends cable lengths
up to 10 metres. Cascadeable.
HDMI 1.2 Specification Max.
Res. UXGA 1080p Black Metal
cabinet All Female Sockets
Single-In Multi-Out

Split	Code
2 Way	SMV5002
4 Way	SMV5004
8 Way	SMV5008



REQUIRES
HDMI LEADS

HDMI SELECTOR SWITCH

HDTV up to 1080p UXGA

PC up to 1600x1200@60Hz
Hot pluggable. HDMI v1.3
Auto selects active source.
Fascia indicator for connection
confirmation and another for
selection. Pushbutton direct
select or use the remote
control. All HDMI Sockets
(Female). Compact Black
Box 153x75x42mm 475g
SmartView AVlink 225MHz
HDMI V1.3

Code
SMV5102



Local Switched
Or Remote Control
With On-Line Indicators
& Selected Indicatorss

HDMI AV SWITCH

PUSH BUTTON SELECTOR

HDMI HDCP AVLINK
480p/720p/1080i All Female
Sockets Quality, low noise
Metal cabinet with mechanical
push switch from A to B. Low
profile 130x113x30mm box No
power required

Type	Code
2 WAY	AVS12



REQUIRES
CABLES

HDMI AV SWITCH

MECHANICAL SELECTOR

HDMI HDCP AVLINK
480p/720p/1080i All Female
Sockets Quality, low noise
Metal cabinet with mechanical
rotary switch from A to B.

Type	Code
2 WAY	AVS22
4 WAY	AVS24



REQUIRES
CABLES



→ CYP Splitters

CYPRESS SPLITTERS QUICK GUIDE

Interface	Compliance	Input	Output	3D	CEC	EDID	HDCP	Cascade	Max Res.	Chassis.	Code
Component	-	1	3	-	-	-	-	-	UXGA/1080p	Metal	CHDD-3C
Component	-	1	8	-	-	-	-	-	UXGA/1080p	Metal	CHDD-8C
DVI	V1.0	1	2	Yes	-	-	Yes	Up to 3	UXGA/1080p	Metal	CDVI-2S
DVI	V1.0	1	4	Yes	-	-	Yes	Up to 3	UXGA/1080p	Metal	CDVI-4S
DVI	V1.0	1	8	Yes	-	-	Yes	Up to 3	UXGA/1080p	Metal	CDVI-8S
DisplayPort	V1.1a	Display Port x1	Display Port x4	-	-	Yes	-	-	2560x1600	Metal	CDP-14C
DisplayPort	V1.1a	Display Port x1	Display Port x3	-	-	Yes	Yes	-	1920 x 1200	Plastic	CDP-13DPI
DisplayPort Mini	V1.1a	mDP x1	mDP x3	-	-	Yes	Yes	-	1920 x 1200	Plastic	CMDP-13MDPI
HDMI	V1.2	1	2	-	-	-	Yes	Up to 3	UXGA/1080p	Plastic	CH-12
HDMI	V1.2	1	4	-	-	-	Yes	-	UXGA/1080p	Metal	CHDMI-14C
HDMI	V1.2	1	8	-	-	-	Yes	-	UXGA/1080p	Metal	CHDMI-18C
HDMI	V1.2	1	2	-	-	-	Yes	Up to 3	UXGA/1080p	Metal	CHDMI-2
HDMI	V1.2	1	4	-	-	-	Yes	Up to 3	UXGA/1080p	Metal	CHDMI-4
HDMI	V1.2	1	8	-	-	-	Yes	Up to 3	UXGA/1080p	Metal	CHDMI-8
HDMI	V1.2	1	8	-	Yes	Yes	-	Up to 3	UXGA/1080p	Metal	CHDMI-8M
HDMI	V1.3	1	2	-	Yes	-	Yes	-	UXGA/1080p	Plastic	CLUX-12CEC
HDMI	V1.3	1	4	Yes	Yes	Yes	Yes	-	UXGA/1080p	Metal	CLUX-14CEC
HDMI	V1.3	1	8	Yes	Yes	-	Yes	-	UXGA/1080p	Metal	CLUX-18CEC
HDMI	V1.3	1	2	-	Through	-	Yes	-	UXGA/1080p	Metal	CLUX-12S
HDMI	V1.3	1	4	Yes	Through	Yes	Yes	-	UXGA/1080p	Metal	CLUX-14S
HDMI	V1.3	1	4	Yes	Through	Yes	Yes	-	UXGA/1080p	Metal	CLUX-18S
HDMI	V1.3	1	4	Yes	-	-	Yes	-	UXGA/1080p	Plastic	CLUX-14EP
HDMI	V1.3	1	4	Yes	Yes	Yes	Yes	-	WUXGA/1080p	Wall/Metal	CLUX-14W
HDMI	V1.3	1	8	Yes	Yes	Yes	Yes	-	UXGA/1080p	Wall/Metal	CLUX-18W
HDMI	V1.3	1	8	Yes	-	-	Yes	-	UXGA/1080p	Metal	CLUX-18E
HDMI	V1.3	1	4	Yes	Through	Yes	Yes	-	UXGA/1080p	Metal	CLUX-4
HDMI	V1.3	1	4	Yes	Yes	Yes	Yes	-	UXGA/1080p	Metal	CLUX-4M
HDMI	V1.3	1	8	Yes	Through	Yes	Yes	-	UXGA/1080p	Metal	CLUX-8
HDMI	V1.2	1	4	-	-	-	Yes	-	UXGA/1080p	Metal	EHD-4
HDMI	V1.2	1	8	-	-	-	Yes	-	UXGA/1080p	Metal	EHD-8
HDMI	V1.4	1	HDMI x8 / Ethernet x1 / ARC x1	Yes	Yes	Yes	Yes	-	1080p	Metal	CPRO-8MCEC
HDMI	V1.3	1	8	Yes	Yes	Yes	Yes	Yes	1080p	Metal	CLUX-18EU
HDMI	V1.3	1	16	-	Yes	Yes	Yes	-	1080p	Metal	CLUX-16E
HDMI	V1.3	1	4	-	Yes	Yes	Yes	-	1080p	Metal	CLUX-14E

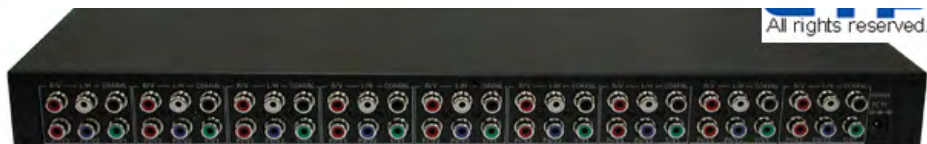
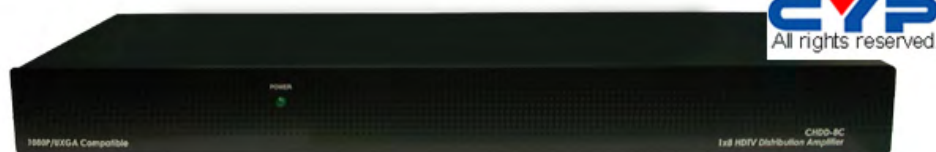
COMPONENT HDTV DISTRIBUTOR UP TO 1080P/UXGA

1x8 HDTV DISTRIBUTOR UP TO 1080P/UXGA

CHDD-3C is capable of distributing Video in 3 different formats and is ideal for use in any analog video entertainment distribution system.

- Component/composite or RGB distribution amplifier.
- SD video (Composite, YCbCr) and HDTV(YPbPr, RGB) Input signal.
- Accepts one component input and split the input to 3 identical and buffered outputs via 3x3 RCA connectors.
- When input is composite video, it can connect up to 3 different video sources and output three identical and buffered signal for each video input.
- It can be used for presentation and home theatre application.
- High bandwidth performance-480MHZ bandwidth at-3dB.
- Worldwide power supply.

Interface	Input	Output	Max Res.	Code
Component	1	3	UXGA/1080p	CHDD-3C
Component	1	8	UXGA/1080p	CHDD-8C





↓ DVI Splitters

CDVI DVI SPLITTERS

CDVI DVI SPLITTERS

It accepts DVI signal from a computer or video equipment and splits up to two, identical and buffered outputs. Each of the output can run up to 15 metres using standard DVI cable. It also supports a wide range of input resolution (25~165MHz) from VGA to UXGA. Can be cascaded up to 3 tiers.

- HDCP compliant.
- Universal EDID built-in.
- Supports DVI-D (29-pin) standard connectors.
- DVI DDC (Display Data Channel) link between each output and display is independent.
- LED indicators.
- Supports high resolution input:
- PC: VGA, SVGA, XGA, SXGA and UXGA, &
- HDTV: 480p, 576p, 720p, 1080i and 1080p@60Hz



Interface	Compliance	Input	Output	3D	CEC	EDID	HDCP	Cascade	Max Res.	Chassis.	Code
DVI	V1.0	1	2	Yes	-	-	Yes	Up to 3	UXGA/1080p	Metal	CDVI-2S
DVI	V1.0	1	4	Yes	-	-	Yes	Up to 3	UXGA/1080p	Metal	CDVI-4S
DVI	V1.0	1	8	Yes	-	-	Yes	Up to 3	UXGA/1080p	Metal	CDVI-8S

↓ Display Port Splitters

1 BY 4 DISPLAYPORT

1 BY 4 DISPLAYPORT

The DisplayPort (DP) 1 by 4 splitter allows single DP source to be display on four DP input monitors simultaneously. It supports video resolution up to 2560 x 1600 and audio up to PCM 7.1 switch provides a fast switch between source and display and save EDID's reading sink time to allow image display properly. The DP 1 by 4 splitter is an ideal device for your DP source to multi display.

- Supports resolution up to 2560 x 1600.
- Supports audio up to PCM 7.1
- Supports EDID switch and setting.



Interface	Compliance	Input	Output	3D	CEC	EDID	HDCP	Cascade	Max Res.	Chassis.	Code
DisplayPort	V1.1a	Display Port x1	Display Port x4	-	-	Yes	-	-	2560x1600	Metal	CDP-14C

1 BY 3 DISPLAYPORT EXTENDER SPLITTER

1 BY 3 DISPLAYPORT EXTENDER SPLITTER

For those who want to display large content the 1x3 DisplayPort Extender Splitter is for you. Able to extend an image onto 2 or 3 displays, this device is perfect for multi-tasking, but can also split an image so the same image is repeated on up to three connected displays. This 1 by 3 DisplayPort Extender Splitter allows users to enjoy images or video in HD resolution up to 1920 x 1200 on multiple monitors from a single digital output port. The 1 by 3 DisplayPort Extender Splitter is a useful device for extending displays and splitting images.

- Supports DisplayPort v1.1a, VESA DDM Standard,
- HDCP v1.3 and EDID v1.4
- Supports link rates of 2.7Gbps (HBR) and 1.62Gbps (RBR) from the source.
- Fully HD compatible and provides full display performance with zero lag and no display application limitations
- Does not require software updates.
- Quality Lab (WHQL) testing/qualification.
- Supports output resolutions up to 1920 x 1200.
- Works with any computers which have a DisplayPort output port.
- Provides exceptional Secured Content Protection with HDCP 1.3 for digital content including video and audio.
- Plug and Play.



Interface	Compliance	Input	Output	3D	CEC	EDID	HDCP	Cascade	Max Res.	Chassis.	Code
DisplayPort	V1.1a	Display Port x1	Display Port x3	-	-	Yes	Yes	-	1920 x 1200	Plastic	CDP-13DPI
DisplayPort Mini	V1.1a	mDP x1	mDP x3	-	-	Yes	Yes	-	1920 x 1200	Plastic	CMDP-13MDPI



↓ HDMI Splitters

2-WAY HDMI V1.2 SPLITTER

COMPACT AND AFFORDABLE 2-WAY HDMI SPLITTER

Compact and Affordable 2-way HDMI Splitter.

- HDMI 1.2, HDCP 1.1 and DVI 1.0 compliant.
- Immediate picture pop-up upon connection.
- Built-in EDID simulator and HDCP key-set allows each output to work independently when connecting to a HDMI display.
- Splits a HDMI source up to 2 outputs without signal loss.
- Supports a wide range of PC and HDTV resolutions from VGA to UXGA and 480p to 1080p.
- Maximum resolution band-width: 165MHz.
- Can be cascaded up to 3 layers, or more depending on your cable quality.
- Each of the buffered output can run up to 15 Metres @1600x1200.



Interface	Compliance	Input	Output	3D	CEC	EDID	HDCP	Cascade	Max Res.	Chassis.	Code
HDMI	V1.2	1	2	-	-	-	Yes	Up to 3	UXGA/1080p	Plastic	CH-12

HDMI V1.2 DISTRIBUTION AMPLIFIER EDID HDCP

PROFESSIONAL GRADE FOR HIGH QUALITY AND LONG CABLE RUNS

Cypress CHDMI-14C is a high performance HDMI distribution amplifier, Full HD 1080p supported with 25m output range. It allows one HDMI source to connect up to 4 HDMI displays simultaneously.

- Built-in EDID simulator and HDCP keyset allows each output to work independently in connecting to a HDMI display.
- Splits a HDMI source up to 4 outputs without signal loss.
- Compliant with HDMI 1.2, HDCP 1.1 and DVI 1.0 specifications.
- Supports a wide range of PC and HDTV resolutions from VGA to UXGA and 480p to 1080p. Maximum resolution bandwidth is 165MHz.
- Multi-channel I2S digital audio output, with sampling rate up to 192KHz.
- Support both compressed and uncompressed multi-channel audio.



Interface	Compliance	Input	Output	3D	CEC	EDID	HDCP	Cascade	Max Res.	Chassis.	Code
HDMI	V1.2	1	4	-	-	-	Yes	-	UXGA/1080p	Metal	CHDMI-14C
HDMI	V1.2	1	8	-	-	-	Yes	-	UXGA/1080p	Metal	CHDMI-18C

HDMI V1.2 SPLITTER

HDCP KEYSSET & CASCADABLE

Cypress CHDMI-2 is a high performance HDMI distribution amplifier. It allows one HDMI source to connect up to 2/4/8 HDMI displays simultaneously.

- Built-in EDID simulator and HDCP keyset allows each output to work independently when connecting to a HDMI display.
- Splits a HDMI source up to 2/4/8 outputs without signal loss.
- Supports a wide range of PC and HDTV resolutions from VGA to UXGA and 480p to 1080p. Maximum resolution bandwidth 165MHz.
- Cascaded up to 3 layers, or more depending on your cable quality.
- Each of the buffered output can run up to 15 Metres @1600x1200.



Interface	Compliance	Input	Output	3D	CEC	EDID	HDCP	Cascade	Max Res.	Chassis.	Code
HDMI	V1.2	1	2	-	-	-	Yes	Up to 3	UXGA/1080p	Metal	CHDMI-2
HDMI	V1.2	1	4	-	-	-	Yes	Up to 3	UXGA/1080p	Metal	CHDMI-4
HDMI	V1.2	1	8	-	-	-	Yes	Up to 3	UXGA/1080p	Metal	CHDMI-8
HDMI	V1.2	1	8	-	Yes	Yes	-	Up to 3	UXGA/1080p	Metal	CHDMI-8M

HDMI V1.2 SPLITTER AMPLIFIER

HDMI SPLITTER AMPLIFIER

High performance HDMI distribution amplifier. It allows one HDMI source to connect up to 4 HDMI displays simultaneously.

- Solid and durable metal housing with all connectors lined up in one side.
- Built-in HDCP keysets allows each output to work independently.
- Splits a HDMI source up to 4 outputs at 1080p without signal loss.
- Supports DVI source and DVI display by using adaptor cable.
- Supports a wide range of PC and HDTV resolutions, from VGA to UXGA and 480p to 1080p. Maximum resolution bandwidth-165MHz.
- Can be cascaded for more outputs.
- Each of the buffered output can run up to 15M @ 1600x1200, or 1080p.
- Support multi-channel compressed & uncompressed HDMI audio.
- Full HDCP compliant.
- Enhance function for signal pre-emphasis.



Interface	Compliance	Input	Output	3D	CEC	EDID	HDCP	Cascade	Max Res.	Chassis.	Code
HDMI	V1.2	1	4	-	-	-	Yes	-	UXGA/1080p	Metal	EHD-4
HDMI	V1.2	1	8	-	-	-	Yes	-	UXGA/1080p	Metal	EHD-8



↓ HDMI Splitters

HDMI V1.3 SPLITTER

HDMI V1.3 SPLITTER

From a single HDMI source you can transfer Deep Colour (10-bit and 12-bit) video and new lossless compressed digital audio with high bandwidth up to 225MHz (6.75Gbps) to 2/4/8 HDMI outputs. Besides splitting and distributing, it also does signal amplification and equalization, providing high I/O performance on both audio and video.

- HDMI 1.3, HDCP1.1 and DV11.0 compliant Receiver.
- Deep colour video up to 12bit, 1080p@(24/60)Hz.
- Simultaneously displays one HDMI source onto eight HDMI displays.
- HDCP keysets allow each output to work independently.
- Supports DVI source/display via HDMI to/from DVI adaptor cable.
- LPCM 7.1CH, Dolby TrueHD, Dolby Digital Plus and DTS-HD Audio.
- PC and HDTV resolutions from VGA to UXGA and 480i to 1080p.
- 1080p/8bits resolution: the Input/Output source up to 10i/10 metres.
- Supports EDID bypass, xvYCC and CEC bypass.
- CEC function support.
- System standby will be activated when last TV is switched to standby.



Interface	Compliance	Input	Output	3D	CEC	EDID	HDCP	Cascade	Max Res.	Chassis.	Code
HDMI	V1.3	1	2	-	Yes	-	Yes	-	UXGA/1080p	Plastic	CLUX-12CEC
HDMI	V1.3	1	4	Yes	Yes	Yes	Yes	-	UXGA/1080p	Metal	CLUX-14CEC
HDMI	V1.3	1	8	Yes	Yes	-	Yes	-	UXGA/1080p	Metal	CLUX-18CEC

HDMI V1.3 SPLITTER

4 WAY SPLITTER WITH 2CH / MULTI-CH EDID SELECT SWITCH

This HDMI Splitter is the most advanced solution to HDMI signal distribution. Each product in this series is compliant with HDMI v1.3 and HDCP v 1.1 specifications. It allows one HDMI source to connect up to four HDMI displays simultaneously.

- HDCP1.3 and DV11.0 compliant.
- Splits a HDMI source up to four outputs at 1080p without signal loss.
- Supports DVI source and DVI display by using an adaptor lead.
- PC and HDTV resolutions, from VGA to UXGA and 480p to 1080p.
- Supports Deep colour video 10bit, 1080p@60Hz.
- Signal Enhancement feature allows you to improve signal quality after long distance transmission.
- Support multi-channel compressed and uncompressed HDMI audio.
- Enhanced function for signal pre-emphasis.
- Audio EDID button for 2 channels and multi channels supports.
- In cases where the sources are supports multi channels and displays only supports 2 channels. Switch the audio EDID to 2 channels.



Interface	Compliance	Input	Output	3D	CEC	EDID	HDCP	Cascade	Max Res.	Chassis.	Code
HDMI	V1.3	1	4	Yes	-	-	Yes	-	UXGA/1080p	Plastic	CLUX-14EP

HDMI 1.3 SPLITTER HDCP

HDCP KEYSETS - LONG DISTANCE RUNS 30M - CASCADABLE

The HDMI v1.3 Distribution Amplifier Series is the most advanced solution to HDMI signal distribution. Each product in this series is compatible to HDMI v1.3 specifications, a cutting-edge technology which defines the support to transfer Deep Colour (10-bit and 12-bit) video and new lossless compressed (Dolby True HD, Dolby Digital Plus and DTS-HD Master Audio) digital audio, with a high bandwidth up to 225MHz (6.75Gbps). Besides splitting and distributing, the HDMI v1.3 DA series also does signal amplification and equalization, so as to provide high performance I/O of audio and video. Each of the buffered output can run up to 30 metres and can be cascaded.

- HDMI 1.3, HDCP 1.1 and DVI 1.0 compliant Receiver.
- Deep colour video up to 12 bit, 1080p@60Hz.
- One HDMI source to connect to one HDMI display simultaneously.
- HDCP keysets allows each output to work independently when connecting to a HDMI display.
- Split a HDMI source to one output without signal loss.
- Supports DVI source and DVI display by using adaptor cable.
- Dolby Digital, DTS digital audio transmission (32-192 kHz).
- PC and HDTV resolutions from VGA to UXGA and 480i to 1080p.
- HDMI cable distance test with 1080p resolution.
- Input/Output source can run up to 30M.
- Full HDCP Compliant.



Interface	Compliance	Input	Output	3D	CEC	EDID	HDCP	Cascade	Max Res.	Chassis.	Code
HDMI	V1.3	1	2	-	Through	-	Yes	-	UXGA/1080p	Metal	CLUX-12S
HDMI	V1.3	1	4	Yes	Through	Yes	Yes	-	UXGA/1080p	Metal	CLUX-14S
HDMI	V1.3	1	4	Yes	Through	Yes	Yes	-	UXGA/1080p	Metal	CLUX-18S



↓ HDMI Splitters

HDMI 1.3 SPLITTER 2 OR 4 WAY

BUILT-IN EDID TO SOLVE DISPLAY RESOLUTION PROBLEMS

The HDMI v1.3 Distribution Amplifier Series is the most advanced solution to HDMI signal distribution. Each product in this series is compatible with HDMI v1.3 specifications, a cutting-edge technology which defines the support to transfer Deep Colour (10-bit and 12-bit) video and new lossless compressed (Dolby, True HD, Dolby Digital Plus and DTS-HD Master Audio) digital audio, with a high bandwidth up to 225MHz (6.75Gbps). Besides splitting and distributing, the HDMI v1.3 DA series also amplifies signal, provides high performance I/O of audio and video.

- HDMI 1.3, HDCP1.1 and DVI1.0 compliant
- Supports Deep colour video up to 12bit, 1080p@(24/60)Hz.
- One HDMI source to connect up to four HDMI displays simultaneously.
- HDCP keysets allows each output to work independently.
- Splits a HDMI source up to four outputs without signal loss.
- Supports DVI source and DVI display by using adaptor cables.
- LPCM 7.1CH, Dolby, True HD, Do by Digital Plus and DTS-HD Master Audio
- PC and HDTV resolutions from VGA to UXGA and 480i to 1080p.
- HDMI cable distance test with 1080p/8bits resolution the, Input/Output can run up to 15/15 metres. 1080p/12bits the Input/Output can run 10/15 metres.
- Selects EDID from TV mode or STD mode (this splitter).
- Supports CEC bypass.



Interface	Compliance	Input	Output	3D	CEC	EDID	HDCP	Cascade	Max Res.	Chassis.	Code
HDMI	V1.3	1	4	Yes	Through	Yes	Yes	-	UXGA/1080p	Metal	CLUX-4
HDMI	V1.3	1	4	Yes	Yes	Yes	Yes	-	UXGA/1080p	Metal	CLUX-4M
HDMI	V1.3	1	8	Yes	Through	Yes	Yes	-	UXGA/1080p	Metal	CLUX-8

HDMI V1.3 SPLITTER 8 WAY

EXCELLENCE IN SIMPLICITY - FULLY AUTOMATIC & COMPLIANT - 3D COMPATIBLE

Compatible with HDMI v1.3 which defines the ability to transfer 3D content, Deep Colour video and new lossless compressed digital audio, this device also amplifies and equalizes your signals to provide high performance I/O of audio and video distribution. Cascade up to 10 layers to extend and distribute the HD 1080p in 8 bit colour signal without loss or delay. (Higher colour definitions will restrict cable lengths & cascade depths).

- HDMI v1.3, HDCP1.1 and DVI1.0 compliant receiver.
- Deep colour video up to 12bits, 1080p@24/60Hz.
- Allows one HDMI source to simultaneously connect with up to eight HDMI displays.
- HDCP keysets allows each output to work independently and quickly.
- Transmits an HDMI source to eight outputs without any signal loss.
- Supports DVI source/display by using and HDMI/DVI adaptor cable.
- LPCM 7.1CH, Dolby, True HD, Do by Digital Plus and DTS-HD master audio.
- Supports PC and HDTV resolutions from VGA to WUGA and 480i to 1080p.
- HDMI cable distance testing showed that with 1080p/8 bits resolution, the input source can be 15 metres away and with 1080p/12 bits it can be 10 metres away.
- HDMI cable distance testing showed that with 1080p/8 bits resolution, the output source can be 15 metres away, and with 1080p/12 bits it can be 15 metres away.



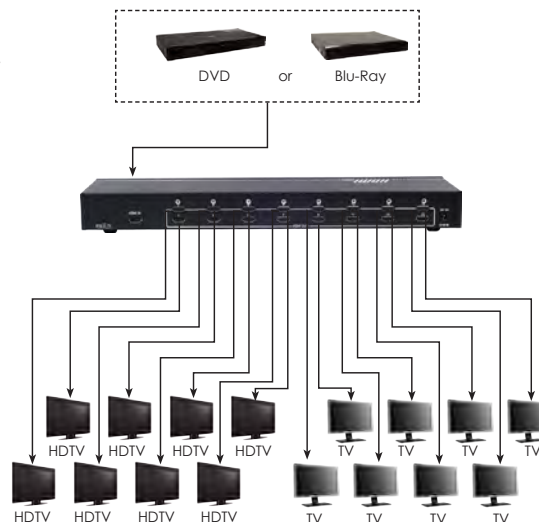
Interface	Compliance	Input	Output	3D	CEC	EDID	HDCP	Cascade	Max Res.	Chassis.	Code
HDMI	V1.3	1	8	Yes	Yes	Yes	Yes	Yes	1080p	Metal	CLUX-18EU

HDMI V1.3 SPLITTER 4 / 8 OR 16 WAY

HDMI V1.3 DISTRIBUTION

The HDMI splitter is capable of handling HDMI v1.3 and with support for Deep Colour video and new lossless compressed digital audio. It also amplifies and equalized your signals offering unparalleled I/O of audio and video. With extra features like EDID and CEC, this splitter is able to handle all your HDMI splitting needs.

- Compliant with HDMI 1.3, HDCP 1.1 and DVI 1.0
- Deep Colour Video up to 12bits, 1080p@(24/60)Hz.
- One HDMI source connect up to sixteen HDMI display simultaneously.
- HDCP keysets allows each output to work independently.
- Supports DVI source and DVI display by using HDMI to/from DVI adaptor cable.
- LPCM 7.1Ch, Dolby, True HD, Dolby Digital Plus and DTS-HD Master Audio.
- Supports PC and HDTV resolutions from VGA to UXGA and 480i to 1080p.
- HDMI cable distance tested with 1080p/8 bits resolution the I/O source can run up to 15M/15M. If 1080p/12 bits the I/O source can run up to 15M/10M.
- Supports EDID functionality. The unit will detect the first HDMI/DVI output source's EDID and record in the unit. If the first detected output source is empty it will pass to next source, until the first HDMI/DVI been detected. When user reconnect all the output sources or re-plug the power, the system will automatically recover the EDID.
- Support xvYCC.
- Support CEC bypass.



Interface	Compliance	Input	Output	3D	CEC	EDID	HDCP	Cascade	Max Res.	Chassis.	Code
HDMI	V1.3	1	4	-	Yes	Yes	Yes	-	1080p	Metal	CLUX-14E
HDMI	V1.3	1	16	-	Yes	Yes	Yes	-	1080p	Metal	CLUX-16E
HDMI	V1.3	1	8	Yes	-	-	Yes	-	UXGA/1080p	Metal	CLUX-18E



↓ HDMI Splitters

HDMI V1.3 SPLITTER (WALL MOUNT)

HDMI V1.3 SPLITTER (WALL MOUNT)

The HDMI v1.3 Splitter is an advanced solution for HDMI signal distribution. This device supports deep colour (10 & 12-bit) video with new lossless compressed (Dolby, True HD, Dolby Digital Plus and DTS-HD Master Audio) digital audio, with a high bandwidth up to 225MHz (6.75Gbps). Besides just splitting and distributing, this device also amplifies and equalizes your signal to provide high performance I/O of audio and video. With great features like EDID, CEC and system reset this device will fully support your HDMI splitting needs.

- HDMI v1.3, HDCP1.1 and DVI1.0 compliant .
- Supports Deep Colour video up to 12bit, 1080p(24/60Hz).
- One HDMI source can simultaneously connect with four HDMI displays.
- HDCP keysets allow each output to work independently
- Splits an HDMI source on up to four outputs without any signal loss.
- Supports DVI source by using an HDMI to/from DVI adaptor cable.
- LPCM 7.1CH, Dolby True HD, Dolby Digital Plus, DTS-HD Master Audio transmission (32-192kHz Fs sample rate).
- PC and HDTV resolutions from VGA to WUXGA and 480i to 1080p.
- HDMI cable distance testing showed that with 1080p/8bit resolution, the input distance is 15 metres. If 1080p/12bit, the input distance is 10 metres.
- HDMI cable with 1080p/8bit resolution, output distance up to 10M
- If 1080p/12bit, the output distance can be up to 15 metres.
- EDID function. This unit is designed to detect the first HDMI/DVI output display's EDID and record it in the unit. If the first detected output is empty it will pass on to the next output until the first HDMI/DVI display has been detected. When users re-plug the power, the system will automatically recover the EDID.
- Supports xvYCC and CEC bypass.
- Switch Reset button on to restore the system every 8-10mins.
- Buttons for EDID settings allow for fast recognition between source and display.



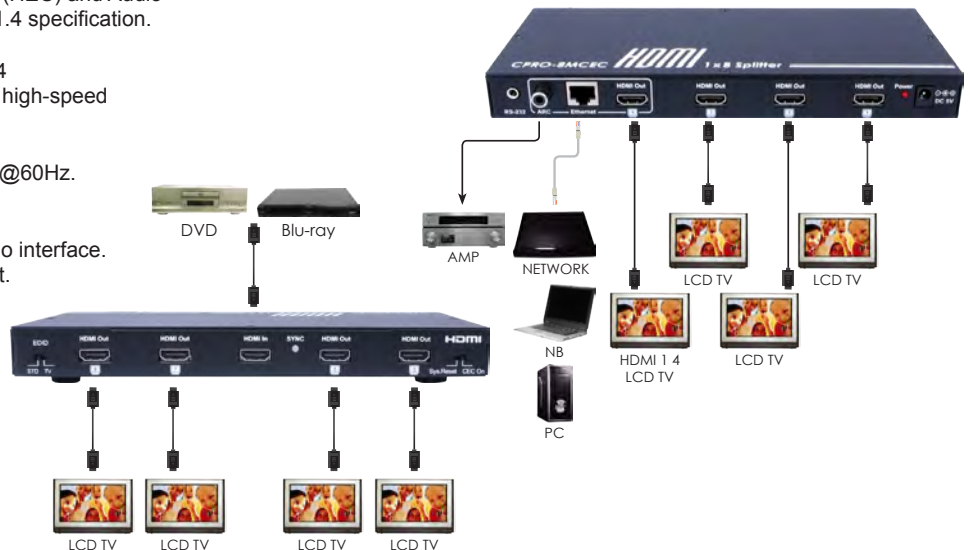
Interface	Compliance	Input	Output	3D	CEC	EDID	HDCP	Cascade	Max Res.	Chassis.	Code
HDMI	V1.3	1	4	Yes	Yes	Yes	Yes	-	WUXGA/1080p	Wall/Metal	CLUX-14W
HDMI	V1.3	1	8	Yes	Yes	Yes	Yes	-	UXGA/1080p	Wall/Metal	CLUX-18W

HDMI V1.4 SPLITTER WITH ETHERNET INJECT & CEC FUNCTIONS

HDMI ETHERNET CHANNEL (HEC) - 3D - CONSUMER ELECTRONICS CONTROL (CEC) - AUDIO RETURN CHANNEL (ARC)

This is a high performance one input & eight outputs HDMI splitter that supports 3D and individual CEC control functions. One out of the eight outputs port supports Audio Return Channel (ARC) and HDMI Ethernet Channel (HEC) follow by HDMI v1.4 Specification. The ARC provides an S/PDIF link from an HDMI™ sink and output through ARC port to AVR to get true audio from the sink. The HEC feature adds a connection to the HDMI link that is capable of carrying the same data as a full duplex, 100Mbps Ethernet connection. Using an HDMI with HEAC cable allowing for convenient integration of Digital Televisions (DTVs) into the end user's home network system.

- Support multiplexed HDMI 1-input and 8-output.
- Output port 4 supports Ethernet Channel (HEC) and Audio Return Channel (ARC) follow by HDMI v1.4 specification.
- HDMI 1.4 support.
- Audio Return Channel (ARC) 3D, CEC1.4
- HDMI Ethernet Channel (HEC), enabling high-speed networking.
- HDCP repeater support.
- Deep Colour support 36/30/24-bit, 1080p@60Hz.
- EDID can selected standard or TV EDID.
- Support System reset or CEC on switch.
- Audio support: HDMI 1.4 compatible audio interface.
- Dedicated, flexible audio input/output port.
- Dolby. True HD, DTS-HD Master Audio.
- Full audio input and output support.



Interface	Compliance	Input	Output	3D	CEC	EDID	HDCP	Cascade	Max Res.	Chassis.	Code
HDMI	V1.4	1	HDMI x8 / Ethernet x1 / ARC x1	Yes	Yes	Yes	Yes	-	1080p	Metal	CPRO-8MCEC



→ CYP Switches

CYPRESS SWITCHES QUICK GUIDE

Interface	Compliance	Input	Output	3D	CEC	EDID	HDCP	Max Res.	Chassis.	Description	Code
Component	-	4	1	-	-	-	-	1080p	Metal	Digital /Analog Audio	CHDD-41AR
DVI	1.0	3	1	-	-	-	Yes	UXGA/1080p	Metal	Signal Enhance	CDVI-31
DVI	1.0	4	1	-	-	-	Yes	UXGA/1080p	Metal	Signal Enhance	CDVI-41
DVI	1.0	6	1	-	-	-	Yes	UXGA/1080p	Metal	Signal Enhance	CDVI-61
DVI	1.0	8	1	-	-	-	Yes	UXGA/1080p	Metal	Signal Enhance	CDVI-81
HDMI	1.2	3	1	-	-	-	Yes	UXGA/1080p	Metal	Signal Enhance	CHDMI-31
HDMI	V1.2	4	1	-	-	-	Yes	UXGA/1080p	Metal	Signal Enhance	CHDMI-41
HDMI	1.2	6	1	-	-	-	Yes	UXGA/1080p	Metal	Signal Enhance	CHDMI-61
HDMI	1.3	2	1	-	-	-	Yes	UXGA/1080p	Plastic	Plastic Housing	CLUX-21SY
HDMI	1.3	3	1	Yes	-	-	Yes	WUXGA/1080p	Metal	Signal Enhance	CLUX-31SY
HDMI	1.3	4	1	Yes	-	-	Yes	WUXGA/1080p	Metal	Signal Enhance	CLUX-41SY
HDMI	1.3	3	1	Yes	Yes	-	Yes	WUXGA/1080p	Plastic	Signal Enhance	CLUX-31GAME
HDMI	1.3	4	1	Yes	-	-	Yes	WUXGA/1080p	Plastic	Signal Enhance	CLUX-41AP
HDMI	1.3	4	1	Yes	-	-	Yes	WUXGA/1080p	Metal	Independent Audio	CLUX-41AT
HDMI	1.3	4	1	Yes	Yes	-	Yes	UXGA/1080p	Metal	Signal Enhance	CLUX-C41C
HDMI	1.3	6	1	Yes	Yes	-	Yes	UXGA/1080p	Metal	Signal Enhance	CLUX-C61C
HDMI	1.3	8	1	Yes	Yes	-	Yes	UXGA/1080p	Metal	Signal Enhance	CLUX-C81C
HDMI	1.3	6	1	Yes	-	-	Yes	UXGA/1080p	Metal	Signal Enhance	CLUX-61
HDMI	1.3	8	1	Yes	-	-	Yes	UXGA/1080p	Metal	Signal Enhance	CLUX-81
HDMI	1.4	4	1	Yes	Yes	Yes	Yes	WUXGA/1080p	Plastic	Plastic Housing	CPRO-3D41GAME
HDMI	1.3	4	1	Yes	Yes	-	Yes	UXGA/1080p	Wall	Wall Mount	CLUX-41W
HDMI	1.4	4	1	Yes	Yes	Yes	Yes	WUXGA/1080p	Wall	Digital /Analog Audio	CPRO-41W
Multiple	-	10	1	Yes	-	-	Yes	SXGA/1080p	Metal	RS-232	CSC-5300

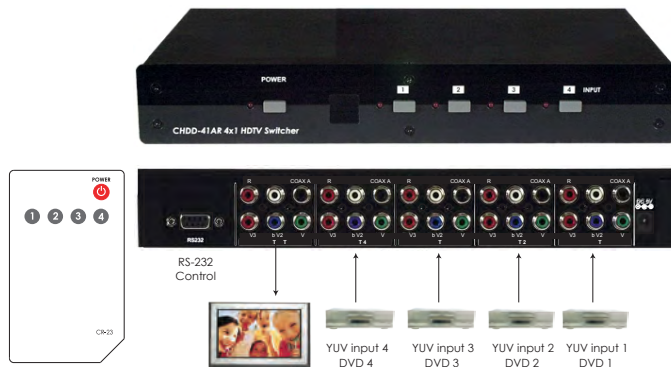
↓ Component Switches

4 WAY COMPONENT VIDEO SWITCH WITH RS232

YUV/RGB - STEREO AUDIO - DIGITAL AUDIO

Component video switcher is designed for selecting various HD and SD sources for viewing on an analogue TV display. Simply pressing a button on the remote control can select your desired HD/SD source.

- Component or Composite Video & Audio switcher.
- Ideal for home theatre and presentation application.
- High bandwidth performance 650MHz at -3dB.
- Easy to install and operate-plug and play solution.
- Can be controlled either by input selection button on the front panel or using included infrared remote control.
- RS-232 interface allows control from a distant device.
- HDTV resolution: 480i, 576i, 480p, 576p, 720p, 1080i, and 1080p.
- Support audio formats: S/PDIF (Digital) and L/R (analog).



Interface	Input	Output	Max Res.	Chassis.	Description	Code
Component	4	1	1080p	Metal	Digital /Analog Audio	CHDD-41AR

↓ DVI Switches

DVI SWITCHER

MULTIPLE INPUT - SINGLE OUTPUT - WITH REMOTE CONTROL

This DVI Switcher series are high performance components with remote. Place between your various DVI input sources and a DVI display monitor. Simply pressing a button on the front panel or directly on the remote you can select your desired DVI source for display on the DVI monitor output.

- HDCP 1.1 and DVI1.0 compliant.
- Signal enhancer to improve image quality compensates cable losses.
- LED source selected indicators.
- Supports high resolution input:
- PC: VGA, SVGA, XGA, SXGA, and UXGA (1600x1200)
- HDTV: 480i, 576i, 480p, 576p, 720p, 1080i and 1080p @60Hz.
- Remote control included.
- Easy to install and operate.



Interface	Compliance	Input	Output	HDCP	Chassis.	Description	Code
DVI	1.0	3	1	Yes	Metal	Signal Enhance	CDVI-31
DVI	1.0	4	1	Yes	Metal	Signal Enhance	CDVI-41
DVI	1.0	6	1	Yes	Metal	Signal Enhance	CDVI-61
DVI	1.0	8	1	Yes	Metal	Signal Enhance	CDVI-81



↓ HDMI Switches

HDMI V1.2 SWITCH

HDMI SWITCH OPTIONAL DIGITAL AUDIO CONNECTIONS

A high performance HDMI V1.2 select switch with remote control. It is to be placed between your various HDMI sources and HDTV display. Simply pressing a button on the front or the remote can select your desired HDMI source for display on the HDTV.

- HDMI 1.2, HDCP 1.1 and DVI 1.0 compliant.
- The unit has the function of Signal Enhancer to improve signal quality after long distance transmission or poor cable quality, etc.
- LED indicators of source selected.
- Ideal for home theatre integration.
- Supports high resolution input:
- PC: VGA, SVGA, XGA, SXGA, and UXGA (1600x1200) &
- HDTV: 480i, 576i, 480p, 576p, 720p, 1080i and 1080p @60Hz.
- Direct Source Select Remote control included with all models.
- CHDMI41AT Includes Separate Coax & Optical Audio Switch.
- CHDMI41, CHDMI41AT, CHDMI61 Include RS232 Control Port.



Interface	Compliance	Input	Output	3D	CEC	EDID	HDCP	Max Res.	Chassis.	Description	Code
HDMI	1.2	3	1	-	-	-	Yes	UXGA/1080p	Metal	Signal Enhance	CHDMI-31
HDMI	V1.2	4	1	-	-	-	Yes	UXGA/1080p	Metal	Signal Enhance	CHDMI-41
HDMI	1.2	4	1	-	-	-	Yes	UXGA/1080p	Metal	Independent Audio	CHDMI-41AT
HDMI	1.2	6	1	-	-	-	Yes	UXGA/1080p	Metal	Signal Enhance	CHDMI-61

HDMI V1.3 SWITCHER

SELECT BETWEEN MULTIPLE HDMI SOURCE TO ONE OUTPUT

A high performance HDMI switcher. It allows 2/3/4 HDMI sources to share on one HDTV display. Simply pressing the input button on the front or the remote to select your desired HDMI source.

- HDMI 1.3, HDCP 1.1 and DVI 1.0 compliant.
- Support High Definition audio-Dolby Digital True HD and DTS-HD.
- Auto Signal Enhancement feature can improve signal quality after long distance transmission.
- LED indicators.
- Ideal for home theatre integration.
- Supports high resolution input.
- PC: VGA, SVGA, XGA, SXGA and UXGA up to 1920x1200px.
- HDTV: 480i, 576i, 480p, 576p, 720p, 1080i, and 1080p.
- Easy to install and simple to operate.
- Includes remote control.



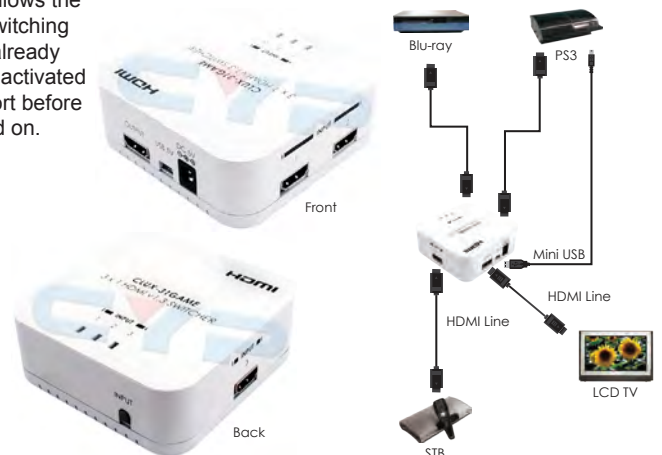
Interface	Compliance	Input	Output	3D	CEC	EDID	HDCP	Max Res.	Chassis.	Description	Code
HDMI	1.3	2	1	-	-	-	Yes	UXGA/1080p	Plastic	Plastic Housing	CLUX-21SY
HDMI	1.3	3	1	Yes	-	-	Yes	WUXGA/1080p	Metal	Signal Enhance	CLUX-31SY
HDMI	1.3	4	1	Yes	-	-	Yes	WUXGA/1080p	Metal	Signal Enhance	CLUX-41SY

HDMI V1.3 COMPACT SWITCHER

3 INPUT TO 1 OUTPUT MANUAL OR AUTO SWITCHED

Extra compact, Three input and one HDMI switcher. CEC & EDID bypass allows the ability to turn both source and display on or off with a simple touch. Auto-switching feature, every time a new source is plugged into the unit or a source that's already connected is powered on the input selection will automatically be set to the activated source. Last input memory, the unit will remember the last selected input port before being powered off, and will set to the same number the next time it is turned on. Powered by Mini-USB for connection to any USB device for power.

- HDMI v1.3, HDCP 1.1 and DVI 1.0 compliant.
- Supports 30/36 bits color depth display.
- Supports High Definition audio – Dolby Digital, True HD and DTS-HD.
- An Automatic Enhancement feature to improve signal quality if required.
- Push-Button-Switching and Auto-Switching Source Select Function.
- LED indicators for input selection.
- Connects your game consoles with your home entertainment system.
- CEC and EDID bypass.
- Supports high resolution input.
- PC: VGA, SVGA, XGA, SXGA, UXGA up to 1920 x 1200px.
- HDTV: 480i, 480p, 576i, 576p, 720p, 1080i and 1080p.
- Requires power from USB source or optional power pack BAC1000 or SMP1000-5P.
- Extra compact 100x70x20mm.



Interface	Compliance	Input	Output	3D	CEC	EDID	HDCP	Max Res.	Chassis.	Description	Code
HDMI	1.3	3	1	Yes	Yes	-	Yes	WUXGA/1080p	Plastic	Signal Enhance	CLUX-31GAME



↓ HDMI Switches

HDMI V1.3 SWITCH

HDMI SWITCH OPTIONAL DIGITAL AUDIO CONNECTIONS

A high performance HDMI v1.3 Switcher with a remote control. It allows your various HDMI sources to share one HDTV display. Simply press a button to select your desired HDMI source to be displayed on the HDTV.

- HDMI 1.3, HDCP1.1 and DVI1.0 compliant.
- Supports 30/36 bit colour depth display.
- Supports High Definition audio-Do by Digital, True HD and DTS-HD.
- Signal enhancement feature allows you to improve signal quality after long distance transmission.
- Supports high resolution input:
- PC: VGA, SVGA, XGA, SXGA, UXGA and 1920 x 1200.
- HDTV: 480i, 480p, 576i, 576p, 720p, 1080i and 1080p.
- Remote control.
- Ideal for home theatre integration.
- Easy to install and to operate.



Interface	Compliance	Input	Output	3D	CEC	EDID	HDCP	Max Res.	Chassis.	Description	Code
HDMI	1.3	4	1	Yes	-	-	Yes	WUXGA/1080p	Plastic	Signal Enhance	CLUX-41AP
HDMI	1.3	4	1	Yes	-	-	Yes	WUXGA/1080p	Metal	Independent Audio	CLUX-41AT

HDMI V1.3 SWITCHER WITH CEC

CONSUMER ELECTRONICS CONTROL (CEC) CONTROL FUNCTION

This is a high performance HDMI switcher that allows for various HDMI sources to share one HDTV display. Features CEC control functions and supports deep colour, xvYCC and RS232 control. Simply press one button select your desired HDMI source to display on the HDTV or use remote control to control your sources from a distance. Switching from one HDMI input source to another will no longer be an inconvenience.

- HDMI 1.3 and HDCP 1.1 compliant.
- Supports deep colour display RGB/YCbCr 4:4:4 24/30/36 bits.
- Supports colour space YCbCr 4:2:2 16/20/24 bits.
- Supports high definition audio – Dolby Digital True HD® and DTS-HD®
- Signal Enhancement feature allows signal quality improvement after long distance transmission.
- HDMI cable distance test with 1080p/8-bit resolution, the input/output can reach up to 15/15 metres. If running at 1080p/12-bit, the input/output can reach at up to 15/6 metres.
- PC resolution supports: VGA, SVGA, XGA, SXGA, and UXGA (1600 x 1200).
- HD resolution supports: 480i ~1080p 50/60 and 1080p.
- With remote control function.
- Supports RS232 operation.
- Supports CEC control function.
- Supports xvYCC.



Interface	Compliance	Input	Output	3D	CEC	EDID	HDCP	Max Res.	Chassis.	Description	Code
HDMI	1.3	4	1	Yes	Yes	-	Yes	UXGA/1080p	Metal	Signal Enhance	CLUX-C41C
HDMI	1.3	6	1	Yes	Yes	-	Yes	UXGA/1080p	Metal	Signal Enhance	CLUX-C61C
HDMI	1.3	8	1	Yes	Yes	-	Yes	UXGA/1080p	Metal	Signal Enhance	CLUX-C81C

HDMI V1.3 SWITCHER

SIGNAL ENHANCE OPTION

High performance HDMI switcher with remote control. Allows your various HDMI sources to share one HDTV display. Simply pressing one button to cycle through to your desired HDMI source or select each directly via the included remote control.

- HDMI 1.3, HDCP 1.1 and DVI 1.0 compliant.
- Signal Enhancement feature allows you to improve signal quality after long distance transmission or poor cables.
- LED indicators.
- Ideal for home theatre integration.
- Supports high resolution input.
- PC: VGA, SVGA, XGA, SXGA, and UXGA (1600 x 1200).
- HDTV: 480i, 576i, 480p, 576p, 720p, 1080i, and 1080p.
- Remote control.
- Easy to install and simple to operate.



Interface	Compliance	Input	Output	3D	CEC	EDID	HDCP	Max Res.	Chassis.	Description	Code
HDMI	1.3	6	1	Yes	-	-	Yes	UXGA/1080p	Metal	Signal Enhance	CLUX-61
HDMI	1.3	8	1	Yes	-	-	Yes	UXGA/1080p	Metal	Signal Enhance	CLUX-81



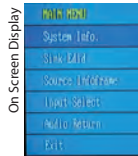
↓ HDMI Switches

HDMI V1.4 COMPACT SWITCHER

HDMI 4 INPUT TO 1 OUTPUT SELECT SWITCH WITH DIGITAL AUDIO OUT

This is a high performance four-input & one-output High-Definition Multimedia Interface (HDMI) v1.4 switcher with digital audio coax output. Supports HDCP repeater functions and fast switching between any of the four of HDMI input ports. The system supports all 3D TV formats in addition to all HDTV formats up to 1080p 12-bit Deep Colour. Furthermore, the remote control gives uses complete control over the selection of sources and makes the device incredibly user friendly by use of an on screen display for Sink Edid, Info frame and Audio Return.

- Support multiplexed HDMI 4-input and 1-output.
- HDMI 1.4, HDCP 1.4 and CEC 1.4 compliant.
- Audio Return Channel (ARC).
- Dedicated, flexible audio input/output port.
- 3D TV support. CEC 1.4 Sink EDID.
- Fast switching on all HDMI input ports.
- 10 Button Remote control.
- Source info frame.
- HDMI input Audio & Audio Return selection.
- HDCP repeater support.
- Deep Colour support 36/30/24-bit, 1080p@60Hz.
- Character and icon based On-Screen Display (OSD).
- Input & output cable distance can be up to 10 & 15 metres.



Interface	Compliance	Input	Output	3D	CEC	EDID	HDCP	Max Res.	Chassis.	Description	Code
HDMI	1.4	4	1	Yes	Yes	Yes	Yes	WUXGA/1080p	Plastic	Plastic Housing	CPRO-3D41GAME

HDMI V1.3 SWITCHER WALL MOUNT

4 INPUT BY 1 OUTPUT HDMI V1.3 SWITCHER FOR PROFESSIONAL MULTIMEDIA INSTALLATIONS

This is a high performance HDMI v1.3 Switcher with remote control allows various HDMI sources to share a HDTV display. Simply press the button on the unit or direct select on the remote control your desire HDMI source for display on the HDTV. Wall mount for specific installations.

- HDMI 1.3, HDCP1.1 and DVI1.0 compliant.
- Deep color video up to 12bit, 1080p@60Hz.
- Four HDMI sources to connect up to a HDMI display simultaneously.
- Supports DVI source and DVI display by using adaptor cables.
- Supports LPCM 7.1CH, Dolby TrueHD, Dolby Digital Plus and DTS-HD Master Audio transmission (32-192kHz Fs sample rate).
- Supports a wide range of PC monitor and HDTV resolutions from VGA to UXGA and 480i to 1080p.
- Full HDCP Compliant.
- HDMI cable distance test:
- 1080p/8bit resolution, input/output source can run up to 15M/15M
- 1080p/12bit, the input/output source can run up to 10M/15M
- Support xvYCC.
- Support CEC bypass.
- Support Sys. Reset function with hot key switch to reset the system within 8-10 minutes into factory mode.



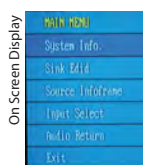
Interface	Compliance	Input	Output	3D	CEC	EDID	HDCP	Max Res.	Chassis.	Description	Code
HDMI	1.3	4	1	Yes	Yes	-	Yes	UXGA/1080p	Wall	Wall Mount	CLUX-41W

HDMI 4 BY 1 V1.4 SWITCHER

PROFESSIONAL GRADE WALL MOUNT HDMI SOLUTION - SUITS HOME AUTOMATION, etc.

This is a high performance four-input & one-output HDMI v1.4 switcher with digital audio inputs and outputs. It supports an HDCP repeater function and fast switching between any of the four HDMI input ports. The system supports all 3D TV formats in addition to all HDTV formats up to 1080p 12-bit Deep Colour. Wall mounted design for specific installations. Premium professional grade unit includes HDCP repeater, Sink EDID, Audio Return Port, Info frame, On Screen Display control, Remote control, RS-232 computer control.

- HDMI 1.4, HDCP 1.4 and CEC1.4 compliant.
- Audio Return Channel (ARC).
- 3D TV support. CEC1.4
- HDCP repeater support.
- Fast switching on all HDMI input ports.
- Character and icon based On-Screen Display (OSD).
- Sink EDID & Source info frame.
- HDMI input Audio & Audio Return selection.
- Deep Colour support 36/30/24-bit, 1080p@60Hz.
- HDMI cable distance tested with 1080p 8/12 bits resolution, the input & output distance can run up to 10 & 15 metres.
- Do by TrueHD & DTS-HD Master Audio 7.1CH, etc.
- RS-232 control connection.



Interface	Compliance	Input	Output	3D	CEC	EDID	HDCP	Max Res.	Chassis.	Description	Code
HDMI	1.4	4	1	Yes	Yes	Yes	Yes	WUXGA/1080p	Wall	Digital /Analog Audio	CPRO-41W



→ CYP Switching Splitters

CYPRESS SWITCHING SPLITTERS QUICK GUIDE

Interface	Compliance	3D	Input	Output	CEC	EDID	HDCP	Cascade	Max Res.	Chassis	Code
HDMI	1.2	-	2	10	-	Yes	Yes	-	UXGA/1080p	Metal	CHDMI-210T
HDMI	1.2	-	3	8	-	Sim.	Yes	-	UXGA/1080p	Metal	CHDMI-38C
HDMI	1.2	-	4	2	-	-	Yes	-	UXGA/1080p	Metal	CHDMI-42E
HDMI	1.3	Yes	2	10	-	Yes	Yes	Yes	UXGA/1080p	Metal	CLUX-210S
HDMI	1.3	Yes	4	2	-	-	Yes	-	UXGA/1080p	Metal	CLUX-42S
HDMI	1.3	Yes	HDMI x4 / RCA R/L x4	2	-	-	Yes	-	UXGA/1080p	Metal	CLUX-42SA
HDMI	1.4	Yes	4	2	Yes	Yes	Yes	-	UXGA/1080p	Metal	CPRO-3D42S

↓ HDMI Switching Splitters

4 IN x 2 OUT HDMI V1.2 SWITCHER

4-in 2-out HDMI SWITCHER

Cypress CHDMI-42E is a high performance 4-input dual outputs HDMI switcher with remote control. It allows you to connect up to 4 HDMI Sources so they can share two HDMI displays. Two HDMI outputs are identical. Simply pressing one button you can select your desired HDMI source for display on two HDMI TVs simultaneously.

- HDMI 1.2, HDCP 1.1 and DVI 1.0 compliant.
- Signal Enhancement feature allow you to improve signal quality after long distance transmission.
- LED indicators.
- Ideal for home theatre integration, conference room and retail stores.
- Supports high resolution input:
- PC: VGA, SVGA, XGA, SXGA and UXGA (1600x1200) &
- HDTV: 480i, 576i, 480p, 576p, 1080i, and 1080p.
- Remote control.



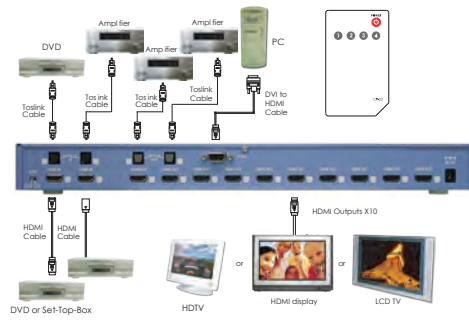
Interface	Compliance	3D	Input	Output	CEC	EDID	HDCP	Cascade	Max Res.	Chassis	Code
HDMI	1.2	-	4	2	-	-	Yes	-	UXGA/1080p	Metal	CHDMI-42E

2 IN x 10 OUT HDMI V1.2 SPLITTER

HDCP KEYSSETS

Cypress CHDMI-210T is a high performance 2 input-10 output HDMI splitter with separate optical audio and remote control. It allows you to connect up to 2 HDMI source and 10 HDMI displays. The 10 HDMI outputs are identical.

- Two HDMI sources to connect up to 10 HDMI displays simultaneously.
- HDCP keysets allows each output to work independently when connecting to a HDMI display.
- Splits a HDMI source up to 10 outputs without signal loss.
- Supports DVI source and DVI display by using HDMI to/from DVI adaptor cable.
- Supports a wide range of PC and HDTV resolutions from VGA to UXGA and 480p to 1080p. Maximum resolution bandwidth 165MHz.
- Can be cascaded for more outputs.
- Each of the buffered output can run up to 20 metres @ 1600x1200.
- Supports multi channel audio.
- Full HDCP Compliant.
- Separate toslink output.



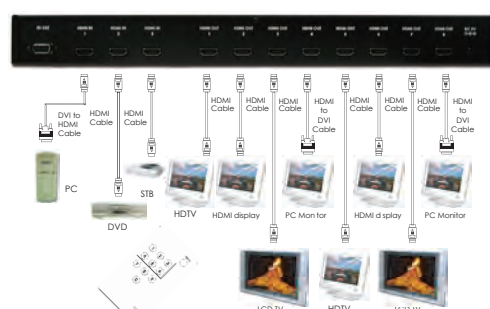
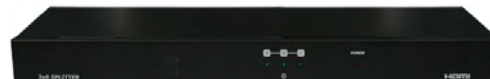
Interface	Compliance	3D	Input	Output	CEC	EDID	HDCP	Cascade	Max Res.	Chassis	Code
HDMI	1.2	-	2	10	-	Yes	Yes	-	UXGA/1080p	Metal	CHDMI-210T

3 IN x 8 OUT HDMI V1.2 SWITCHER/DISTRIBUTOR

SWITCH BETWEEN THREE INPUTS

Cypress CHDMI-38C is a high performance 3-in 8-out HDMI Switcher with remote control. It allows you to connect up to 3 HDMI sources and 8 HDMI displays. The eight HDMI outputs are identical and each supports up to 1080p. Simply pressing one button you can select your desired HDMI source for display on eight HDMI TV simultaneously.

- Built-in EDID simulator and HDCP keyset allows each output to work independently in connecting to a HDMI display.
- Splits 3 HDMI sources up to 8 outputs without signal loss.
- Compliant with HDMI 1.2, HDCP 1.1 and DVI 1.0 specifications.
- Supports a wide range of PC and HDTV resolutions from VGA to UXGA and 480p to 1080p. Maximum resolution bandwidth is 165MHz.
- Provides multi-channel digital audio support with sampling rates up to 192KHz.
- Supports both compressed and uncompressed multi-channel audio.
- Remote control.
- Full HD 1080p supported.



Interface	Compliance	3D	Input	Output	CEC	EDID	HDCP	Cascade	Max Res.	Chassis	Code
HDMI	1.2	-	3	8	-	Sim.	Yes	-	UXGA/1080p	Metal	CHDMI-38C



↓ HDMI Switching Splitters

4 IN x 2 OUT HDMI V1.4 SPLITTER

4 INPUT TO 2 OUTPUT V1.4 SPLITTER

This is a high performance four-input & two-output HDMI Switcher with 3D support. It supports HDCP repeater functions and all standard 3D TV formats in addition to all HDTV formats up to 1080p 12-bit Deep Colour. Furthermore, the remote control allows you to easily control the selection of your desired source and also makes the device more user friendly.

- Supports multiplexed 4 HDMI inputs and 2-outputs.
- HDCP 1.4 and CEC1.4 compliant.
- HDMI 1.4
- Audio Return Channel (ARC).
- 3D
- CEC1.4
- HDMI Ethernet Channel (HEC).
- Supports HDCP repeater.
- Deep Colour supports 36/30/24-bit, 1080p@60Hz.
- HDMI 1.4 compatible audio interface.
- Dedicated, flexible audio input/output port.
- Dolby True HD.
- DTS-HD Master Audio.
- Full audio input and output support.



Interface	Compliance	3D	Input	Output	CEC	EDID	HDCP	Cascade	Max Res.	Chassis.	Code
HDMI	1.4	Yes	4	2	Yes	Yes	Yes	-	UXGA/1080p	Metal	CPRO-3D42S

4 IN x 2 OUT HDMI V1.3 SWITCHER

4 INPUT TO 2 OUTPUT - OPTIONAL ANALOGUE STEREO INPUT

High performance 4 Way HDMI v1.3 Switcher with dual HDMI splitter output to two monitors. Quality metal cased unit with remote control. rs optional Stereo Analogue (L/R) Inputs converted to digital audio and inserted into the HDMI line if required.

- HDMI 1.3, HDCP1.1 and DVI1.0 compliant Receiver.
- Deep colour video up to 12bit, 1080p@60Hz.
- Four HDMI sources to connect up to two HDMI displays View
- One source simultaneously on two monitors.
- Supports DVI source and DVI display by using adaptor cable.
- Do by Digital, DTS digital audio transmission (32-192kHz).
- Supports a wide range of PC and HDTV resolutions from VGA to UXGA and 480i to 1080p.
- HDMI cable distance test with 1080p resolution: Input/Output source can run up to 30M/30M
- Full HDCP Compliant.
- CLUX-42SA Optional Stereo L/R Inputs to HDMI out.



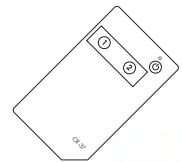
Interface	Compliance	3D	Input	Output	CEC	EDID	HDCP	Cascade	Max Res.	Chassis.	Code
HDMI	1.3	Yes	4	2	-	-	Yes	-	UXGA/1080p	Metal	CLUX-42S
HDMI	1.3	Yes	HDMI x4 / RCA R/L x4	2	-	-	Yes	-	UXGA/1080p	Metal	CLUX-42SA

2 IN x 10 OUT HDMI V1.3 SWITCH SPLITTER

2 INPUT SWITCHED TO 10 OUTPUT SPLITTER

The HDMI v1.3 Distribution Amplifier Series is the most advanced solution to HDMI signal distribution. Each product in this series is compatible to HDMI v1.3 specifications, a cutting-edge technology which defines the support to transfer Deep Colour (10-bit and 12-bit) video and new lossless compressed (Dolby, True HD, Do by Digital Plus and DTS-HD Master Audio) digital audio, with a high bandwidth up to 225MHz (6.75Gbps). Besides splitting and distributing, the HDMI v1.3 DA series also does signal amplification and equalization, so as to provide high performance I/O of audio and video. Each of the buffered output can run up to 30 metres and can be cascaded.

- HDMI 1.3, HDCP1.1 and DVI1.0 compliant Receiver.
- Deep color video up to 12bit, 1080p@60Hz.
- HDCP keysets allows each output to work independently when connecting to a HDMI display.
- Split a HDMI source to 10 output without signal loss.
- Supports DVI source and DVI display by using adaptor cable.
- Do by Digital, DTS digital audio transmission (32-192 kHz).
- PC and HDTV resolutions from VGA to UXGA and 480i to 1080p.
- HDMI cable 1080p resolution: Input/Output source can run 30M/30M.
- Full HDCP Compliant.
- RS-232 Control Port
- Remote Control for source select.
- EDID Select or bypass switch
- Metal Cabinet 436x160x44mm



Interface	Compliance	3D	Input	Output	CEC	EDID	HDCP	Cascade	Max Res.	Chassis.	Code
HDMI	1.3	Yes	2	10	-	Yes	Yes	Yes	UXGA/1080p	Metal	CLUX-210S



20 MISC HOME THEATRE

↓ SDI Switching Splitter

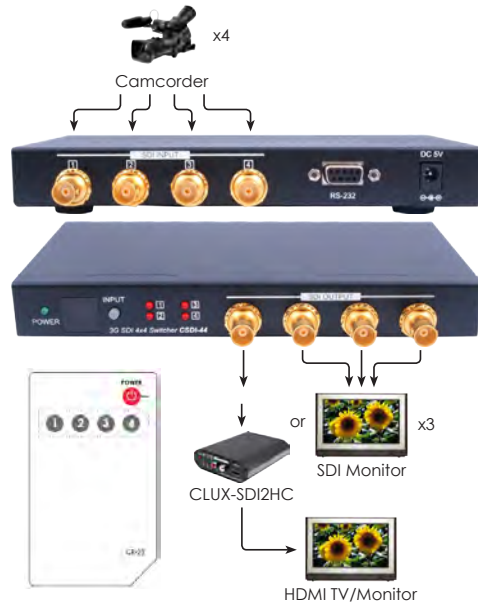
SDI 4 IN x 4 OUT SPLITTER

3G-SDI SERIAL DIGITAL INTERFACE FOR VIDEO DISTRIBUTION 2.970Gbs

The 3G-SDI 4 by 4 Switcher allows SD-SDI, HD-SDI and 3G-SDI signals to be shown on SDI displays while ensuring high bit rates of 2.970 Gbit/s to give you fast signal transmission without any loss. Designed for professionals, this product makes it easier to switch between four SDI sources and split them to four SDI displays. With a maximum range of up to 300 meters, this switcher is a fine companion to those who work with SDI sources and displays.

- Four 3G-SDI input sources can be selected as the source and split to four 3G-SDI displays simultaneously
- Operation at 2.970 Gb/s, 2.970/1.001 Gb/s, 1.485 Gb/s, 1.485/1.001 Gb/s and 270 Mb/s
- Supports SMPTE 425 M (Level A and Level B), SMPTE 424 M, SMPTE 292 M, SMPTE 259 M-C
- Supports resolutions up to 1080p Full HD at 60 Hz
- The signal is equalized and re-clocked prior to transmission
- IR remote controlled source and destination control
- Supports a maximum input and output distance of up to 300 M for SD signals, 200 M for HD signals and 100 M for 3G signals.
- Note: Cable tested with Belden 1694A. Operating distances may vary if used with another type of cable.
- Multiple source Switch to Splitter. (Not a Matrix Type Switch.)

Input	Output	Code
4	4	CSDI-44



→ CYP Matrix

CYPRESS MATRIX QUICK GUIDE

Interface	Compliance	3D	Input	Output	CEC	EDID	HDCP	Cascade	Max Res.	Chassis	Code
IR	-	-	4	4	-	-	-	Yes	-	Metal	CMIR-44
Component	-	-	4	4	-	-	-	-	UXGA/1080p	Metal	CCMX-42
Component	-	-	4	4	-	-	-	-	UXGA/1080p	Metal	CCMX-44
Component	-	-	4	4	-	-	-	-	UXGA/1080p	Metal	CCMX-44DA
HDMI	1.2	-	2	2	-	-	Yes	Yes	UXGA/1080p	Metal	CHMX-22
HDMI	1.2	-	2	2	-	-	Yes	Yes	UXGA/1080p	Metal	CHMX-22AS
HDMI	1.2	-	2	4	-	-	Yes	Yes	UXGA/1080p	Metal	CHMX-24
HDMI	1.2	-	4	2	-	-	Yes	Yes	UXGA/1080p	Metal	CHMX-42
HDMI	1.2	-	4	4	-	-	Yes	Yes	UXGA/1080p	Metal	CHMX-44
HDMI	1.3	Yes	2	4	-	Yes	Yes	Yes	UXGA/1080p	Metal	CMLUX-24S
HDMI	1.3	Yes	4	2	-	Yes	Yes	Yes	UXGA/1080p	Metal	CMLUX-42S
HDMI	1.3	Yes	4	4	-	Yes	Yes	Yes	UXGA/1080p	Metal	CMLUX-44E
HDMI	1.3	Yes	4	4	-	Yes	Yes	Yes	UXGA/1080p	Metal	CMLUX-44S
HDMI	1.3	-	2	2	-	Yes	Yes	-	1080p	Metal	CMLUX-22S
HDMI	1.3	Yes	8	8	-	Yes	Yes	Yes	UXGA/1080p	Metal	CMLUX-88S
SDI	3G	-	4	4	-	-	-	-	1080p	Metal	CSDI-44

↓ IR Matrix

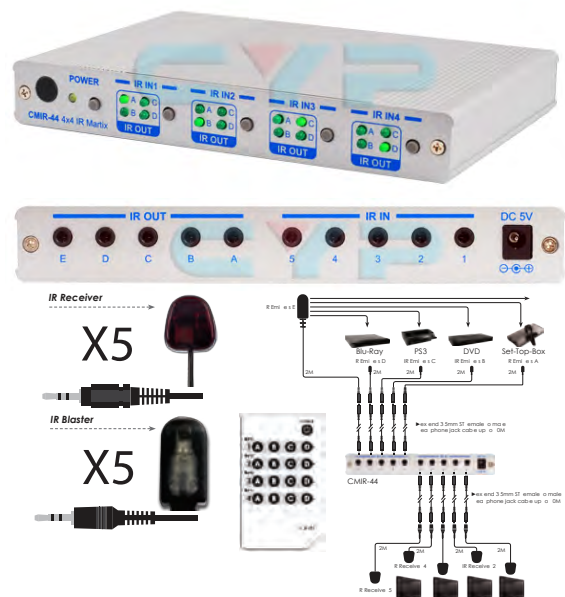
4 BY 4 INFRARED MATRIX

CONTROL COMMON OR SEPARATED IR DEVICES

The Infrared 4 by 4 Matrix is designed to control your source devices from beside your display/receiver. Using the original remote, you can control DVD/Blu Ray players, satellite and set-top-boxes and with a cross matrix design this device gives anyone the ability to send infrared signals from anywhere, any place. When used with an HDMI/ converter matrix, this brilliant product will allow you to freely manage your sources and displays. Ideal for common equipment to different viewers. Plus, a 5th receiver transmits to all and a 5th transmitter receives from all so as to share common equipment. Very versatile solution. Simply place the IR receiver near the display and put the IR blaster in a position so that all devices will be able to function properly, even when they are hidden in a cabinet or placed far away.

- Supports independent IR receiver & IR blaster selection and control
- This device does not send audio/video signals, it only transmits and receives infra-red signals to control equipment that is far away, using IR extender cables.
- Supports a frequency of 20KHz ~ 70KHz.
- Use your existing remote controls.
- Includes 5 Receivers and 5 Sender modules.
- Includes its own remote control

Interface	Input	Output	Cascade	Chassis	Code
IR	4	4	Yes	Metal	CMIR-44





↓ Component Matrix

COMPONENT 4 IN x 2 OUT MATRIX SWITCH

RGB/YUV + L/R AUDIO-VIDEO SWITCHING SOLUTION

Cypress CCMX-42 is a high performance Component + L/R Audio Matrix with remote control. It offers you maximum convenience in HDTV audio/video signal distribution when you have multiple sources and displays to connect together. Each of the four HDTV audio/video sources can be directed to any one of the two outputs, so two displays can show 2 identical or 2 different sources at the same time. CCMX-42 provides a maximum of 8 possible connection scenarios between sources and displays.

- Provides 4 by 2 matrix input/output of Component (YPbPr/YCbCr) video and L/R audio signal.
- Buffered video and audio output.
- Input source LED indicators on each output select.
- Ideal for home theatre integration, conference room and retail stores.
- Supports high resolution input/output: HDTV: 480i, 576i, 480p, 576p, 1080i, and 1080p.
- Supports analog stereo L/R audio input and output.
- IR remote control.
- RS-232 control.



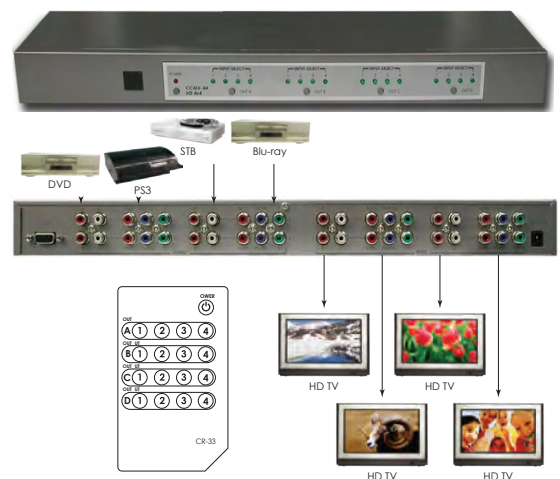
Interface	Compliance	3D	Input	Output	CEC	EDID	Cascade	Max Res.	Chassis.	Code
Component	-	-	4	4	-	-	-	UXGA/1080p	Metal	CCMX-42

COMPONENT 4 IN x 4 OUT MATRIX SWITCH

RGB/YUV + L/R AUDIO-VIDEO SWITCHING SOLUTION

Cypress CCMX-44 is a high performance Component + L/R Audio Matrix with remote control. It offers you maximum convenience in HDTV audio/video signal distribution when you have multiple sources and displays to connect together. Each of the four HDTV audio/video sources can be directed to any one of the four outputs, so four displays can show 4 identical or 4 different sources at the same time. CCMX-44 provides a maximum of 16 possible connection scenarios between sources and displays.

- Provides 4 by 4 matrix input/output of Component (YPbPr/YCbCr) video and L/R audio signal.
- Buffered video and audio output.
- Input source LED indicators on each output select.
- Ideal for home theatre integration, conference room and retail stores.
- Supports high resolution input/output: HDTV: 480i, 576i, 480p, 576p, 1080i, and 1080p.
- Supports analog stereo L/R audio input and output.
- IR remote control.
- RS-232 control.



Interface	Compliance	3D	Input	Output	CEC	EDID	Cascade	Max Res.	Chassis.	Code
Component	-	-	4	4	-	-	-	UXGA/1080p	Metal	CCMX-44

COMPONENT 4 IN x 4 OUT MATRIX SWITCH WITH DIGITAL AUDIO

RGB/YUV + L/R PLUS DIGITAL AUDIO

High performance Component of Digital/Analog Audio with Video Matrix. It offers you maximum convenience in HDTV audio/video signal distribution when you have multiple sources to display. Each of the four HDTV audio/video sources can be directed to any one of the four outputs and or all four displays can show one identical output sources at the same time. It provides a variety of choices on where to play your image with remote controller. Each input can be direct to any/all output. Audio format of Digital or Analog both acceptable.

- Provides 4 by 4 matrix input/output of Component (YPbPr/YCbCr) video and L/R & Coaxial digital audio signal.
- Buffered video and audio output.
- Input source LED indicators on each output select.
- Ideal for home theatre integration, conference room and retail stores.
- Supports high resolution input/output.
- HDTV: 480i, 576i, 480p, 576p, 1080i, and 1080p.
- Supports analog stereo L/R audio input and output.
- Support Coaxial audio input and output.
- IR remote control.
- RS-232 control.



Interface	Compliance	3D	Input	Output	CEC	EDID	Cascade	Max Res.	Chassis.	Code
Component	-	-	4	4	-	-	-	UXGA/1080p	Metal	CCMX-44DA



↓ HDMI Matrix

HDMI V1.2 MATRIX 2X2 EXTERNAL IR & RS232

2 INPUT X 2 OUTPUT WITH REMOTE CONTROL & RS232 PORT

Cypress CHMX-22 is a high performance HDMI Matrix with remote control. It offers you maximum convenience in HDMI signal distribution when you have two HDMI sources and displays to connect together. Each of the two HDMI sources can be directed to any one of the two HDMI displays so each can show different sources. When HDMI signal progresses through CHMX-22, it is re-timed, and level-compensated, so the output is a regenerated HDMI signal that can travel for another 25 metres. It can also be cascaded to multiple tiers.

- HDMI 1.2, HDCP 1.1 and DVI 1.0 compliant.
- HDMI input is compensated, clock / phase adjusted, and jitter eliminated so the output is a brand new standard HDMI signal.
- Input source LED indicators on each output select.
- Ideal for home theatre integration, conference room and retail stores.
- Compatible with all HDMI sources and displays.
- Supports high resolution input/output.
- PC: VGA, SVGA, XGA, SXGA and UXGA (1600x1200) &
- HDTV: 480i, 576i, 480p, 576p, 1080i and 1080p.
- RS-232 control.
- IR remote control.



Interface	Compliance	3D	Input	Output	CEC	EDID	HDCP	Cascade	Max Res.	Chassis	Code
HDMI	1.2	-	2	2	-	-	Yes	Yes	UXGA/1080p	Metal	CHMX-22

HDMI V1.2 MATRIX 2X2

2 INPUT X 2 OUTPUT WITH REMOTE CONTROL

Cypress CHMX-22AS is a high performance HDMI Matrix with remote control. It offers you maximum convenience in HDMI signal distribution when you have multiple HDMI sources and displays to connect together. Each of the two HDMI sources can be directed to any one of the two outputs, so two displays can show 2 identical or 2 different sources at the same time. CHMX-22AS provides maximum of 4 possible connection scenarios between sources and displays. When HDMI signal progresses through CHMX-22AS, it is re-timed, and level-compensated, so the output is a regenerated brand new HDMI signal that can run for another 25 metres and can be cascaded.

- HDMI 1.2, HDCP 1.1 and DVI 1.0 compliant.
- HDMI input is compensated, clock / phase adjusted, and jitter eliminated so the output is a well tuned standard HDMI signal.
- Input source LED indicators on each output select.
- Ideal for home theatre integration, conference room and retail stores.
- Compatible with all HDMI sources and displays.
- Supports high resolution input/output.
- PC: VGA, SVGA, XGA, SXGA and UXGA (1600x1200) &
- HDTV: 480i, 576i, 480p, 576p, 1080i and 1080p.
- IR remote control.



Interface	Compliance	3D	Input	Output	CEC	EDID	HDCP	Cascade	Max Res.	Chassis	Code
HDMI	1.2	-	2	2	-	-	Yes	Yes	UXGA/1080p	Metal	CHMX-22AS

HDMI V1.2 MATRIX 2X4

2X HDMI INPUT - 4X HDMI OUTPUT WITH REMOTE CONTROL

Cypress CHMX-24 is a high performance HDMI Matrix with remote control. It offers you maximum convenience in HDMI signal distribution when you have multiple HDMI sources and displays to connect together. Each of the two HDMI sources can be directed to any one of the four outputs so four displays can show identical or two pairs of different sources at the same time. CHMX-24 provides maximum of 8 possible connection scenarios between sources and displays. When HDMI signal progresses through CHMX-24, it is re-timed, and level-compensated, so the output is a regenerated brand new HDMI signal that can run for another 25 metres and can be cascaded.

- HDMI 1.2, HDCP 1.1 and DVI 1.0 compliant.
- HDMI input is compensated, clock / phase adjusted, and jitter eliminated so the output is a well tuned standard HDMI signal.
- Input source LED indicators on each output select.
- Ideal for home theatre integration, conference room and retail stores.
- Compatible with all HDMI sources and displays.
- Supports high resolution input/output.
- PC: VGA, SVGA, XGA, SXGA and UXGA (1600x1200) &
- HDTV: 480i, 576i, 480p, 576p, 1080i and 1080p.
- RS-232 control.
- IR remote control.



Interface	Compliance	3D	Input	Output	CEC	EDID	HDCP	Cascade	Max Res.	Chassis	Code
HDMI	1.2	-	2	4	-	-	Yes	Yes	UXGA/1080p	Metal	CHMX-24



↓ HDMI Matrix

HDMI V1.2 MATRIX 4X2

4X HDMI INPUT - 2X HDMI OUTPUT WITH REMOTE CONTROL

High performance HDMI Matrix with remote control offers you maximum convenience in HDMI signal distribution when you have multiple HDMI sources and displays to connect together. Each of the four HDMI sources can be directed to any one of the two outputs, so two displays can show 2 identical or different sources at the same time. When HDMI signal progresses through CHMX-42, it is re-timed, and level-compensated, so the output is a regenerated brand new HDMI signal that can run for another 25 metres and can also be cascaded. Excellent quality, full bandwidth HDMI switching solution from Cypress.

- HDMI 1.2, HDCP 1.1 and DVI 1.0 compliant.
- HDMI input is compensated, clock / phase adjusted, and jitter eliminated so the output is a well tuned standard HDMI signal.
- Input source LED indicators on each output select.
- Ideal for home theatre integration, conference room and retail stores.
- Compatible with all HDMI sources and displays.
- Supports high resolution input/output.
- PC: VGA, SVGA, XGA, SXGA and UXGA (1600x1200) &
- HDTV: 480i, 576i, 480p, 576p, 1080i and 1080p.
- RS-232 control.
- IR remote control.



Interface	Compliance	3D	Input	Output	CEC	EDID	HDCP	Cascade	Max Res.	Chassis	Code
HDMI	1.2	-	4	2	-	-	Yes	Yes	UXGA/1080p	Metal	CHMX-42

HDMI V1.2 MATRIX 4X4

4X HDMI INPUT - 4X HDMI OUTPUT WITH REMOTE CONTROL

Cypress CHMX-44 is a high performance HDMI Matrix with remote control. It offers you maximum convenience in HDMI signal distribution when you have multiple HDMI sources and displays to connect together. Each of the four HDMI sources can be directed to any one of the four HDMI displays so each can show different sources. When HDMI signal progresses through CHMX-44, it is re-timed, and level-compensated, so the output is a regenerated HDMI signal that can travel for another 25 metres. It can also be cascaded to multiple tiers.

- HDMI 1.2, HDCP 1.1 and DVI 1.0 compliant.
- HDMI input is compensated, clock / phase adjusted, and jitter eliminated so the output is a brand new standard HDMI signal.
- Input source LED indicators on each output select.
- Ideal for home theatre integration, conference room and retail stores.
- Compatible with all HDMI sources and displays.
- Supports high resolution input/output.
- PC: VGA, SVGA, XGA, SXGA and UXGA (1600x1200) &
- HDTV: 480i, 576i, 480p, 576p, 1080i and 1080p.
- RS-232 control.
- IR remote control.



Interface	Compliance	3D	Input	Output	CEC	EDID	HDCP	Cascade	Max Res.	Chassis	Code
HDMI	1.2	-	4	4	-	-	Yes	Yes	UXGA/1080p	Metal	CHMX-44

HDMI V1.3 MATRIX 2X2

2 INPUT X 2 OUTPUT WITH REMOTE CONTROL & RS232 PORT

With HDMI products gaining in popularity consumers are beginning to look for a way to connect their various devices. The HDMI V1.3 Matrix is a great solution for connecting your HDMI devices and sources together, making it more convenient for you to access your content, and thanks to the remote control it's a flexible device that gives you many options of when and where to play your media. Furthermore, the HDMI V1.3 Matrix can transfer Deep Colour video and bit stream digital audio with maximum performance and it supports HDMI 1.3, HDCP 1.1 and DVI 1.0.

- HDMI 1.3, HDCP 1.1 and DVI 1.0 compliant.
- Deep Colour 12 bit and new lossless compressed digital audio.
- The HDMI input is compensated, clock phase adjusted, and jitter free so the output signal is as good as a standard HDMI signal.
- Supports input source LED indicators on each output.
- Compatible with all HDMI sources and displays.
- PC and HDTV resolutions from VGA to UXGA and 480i to 1080p.
- Supports RS-232 control.
- Supports IR remote control and IR extender.
- HDMI cable distance 12-bit input/output distance up to 15M/15M.
- Switchable EDID for choosing the desired resolution to display.
- Define HDCP. The LED indicates the input source's format.
- When an HDMI signal progresses through the system, it is re-timed, and level-compensated.



Interface	Compliance	3D	Input	Output	CEC	EDID	HDCP	Cascade	Max Res.	Chassis	Code
HDMI	1.3	-	2	2	-	Yes	Yes	-	1080p	Metal	CMLUX-22S



↓ HDMI Matrix

HDMI V1.3 MATRIX 2X4

2X HDMI INPUT - 4X HDMI OUTPUT WITH REMOTE CONTROL

The HDMI V1.3 Matrix is an excellent solution for connecting all of your HDMI devices and sources together and with an excellent remote control to switch between the devices and sources this system is also easy to use. Furthermore, the HDMI V1.3 Matrix can transfer Deep Colour video and bit stream digital audio, it also supports HDMI 1.3, HDCP 1.1 and DVI 1.0. High performance HDMI 1.3 Matrix with two inputs and four outputs and a remote control allowing you to link your favorite HDMI devices in order to enjoy movies, music, or games at the same time. Each of the two HDMI sources can be directed to any of the four HDMI displays or one source can be directed to all of the displays. When an HDMI signal progresses through the system, it is re-timed, and level-compensated. Define HDCP, HDMI and DVI source. The LED light will turn on to define the input sources format. Switchable EDID function for choosing the native resolution to display.

- HDMI 1.3, HDCP 1.1 and DVI 1.0 compliant.
- Supports digital video formats in 12 bit Deep Colour.
- Dolby True HD, Dolby Digital Plus and DTS-HD Master Audio.
- The HDMI input is compensated, clock / phase adjusted and jitter free so the output is a brand new, standard HDMI signal.
- Supports input source. LED indicators on each output select.
- PC and HDTV resolutions from VGA to UXGA and 480i to 1080p.
- Supports RS-232 control.
- Supports IR remote control and IR extender.
- LPCM7.1 channels output from each independent HDMI ports.
- HDMI cable distance with 1080p/12 bit the Input distance is 10M.
- HDMI cable distance output 8bit 10M / 12 bit 6M.



Interface	Compliance	3D	Input	Output	CEC	EDID	HDCP	Cascade	Max Res.	Chassis	Code
HDMI	1.3	Yes	2	4	-	Yes	Yes	Yes	UXGA/1080p	Metal	CMLUX-24S

HDMI V1.3 MATRIX 4X2

4 INPUT BY 2 OUTPUT HDMI V1.3 MATRIX SWITCH WITH REMOTE CONTROL & RS232 PORT

The HDMI V1.3 Matrix is the ideal solution for connecting all your HDMI devices, and thanks to the included remote this system gives you complete control over your media environment. Furthermore, the HDMI V1.3 Matrix can transfer Deep Colour video and bit stream digital audio with maximum performance and supports HDMI 1.3, HDCP 1.1 and DVI 1.0. Please follow this manual to begin enjoying the benefits of your HDMI 1.3 Matrix. We suggest keeping it in a safe place for future reference. High performance HDMI 1.3 Matrix of four input and two output with a remote control for you to link your favorite HDMI devices allowing you to enjoy movies, music, or games whenever you want to. When an HDMI signal goes through the system, it is re-timed, and level-compensated. The LED light will turn on to define what the input sources format is either HDCP, HDMI or DVI. RS232 Port for professional home installations.

- HDMI 1.3, HDCP 1.1 and DVI 1.0 compliant.
- Deep Colour 12 bit and a new lossless compressed digital audio.
- The HDMI input is compensated, clock/phase adjusted, and jitter Free so the output is a high quality HDMI signal.
- Has input source LED indicators for each output option.
- PC and HDTV resolutions from VGA to UXGA and 480i to 1080p.
- Supports RS-232 control.
- Supports IR remote control and IR extender.
- Dolby Digital, DTS digital audio transmission (32-192 kHz).
- LPCM7.1 channels output from each independent HDMI ports.
- HDMI cable distance with 1080p/12 bit the Input distance is 10M.
- HDMI cable distance output 8 bit 10M / 12 bit 6M.



Interface	Compliance	3D	Input	Output	CEC	EDID	HDCP	Cascade	Max Res.	Chassis	Code
HDMI	1.3	Yes	4	2	-	Yes	Yes	Yes	UXGA/1080p	Metal	CMLUX-42S

HDMI V1.3 MATRIX BOX 4X4

4 INPUT BY 4 OUTPUT HDMI V1.3 MATRIX SWITCH WITH REMOTE CONTROL & RS232 PORT

HDMI V1.3 Matrix provides the excellent solution for connecting all the devices and sources together for your convenience use, it also provides you a variety of choices on where to play your images with remote controller. Further, HDMI V1.3 matrix can transfer Deep Colour video and bit stream digital audio with maximum performance and it supports HDMI 1.3, HDCP 1.1 and DVI 1.0. High performance HDMI 1.3 Matrix of four input and four output with remote control for you to link with your favorite HDMI devices to enjoying movies, music, or games at once. When HDMI signal progresses through the system, it is re-timed, and level-compensated. Define HDCP, HDMI and DVI source. The LED light will light up to define the input sources format. Switchable EDID function for choosing the native resolution to display.

- HDMI 1.3, HDCP 1.1 and DVI 1.0 compliant.
- Deep Colour 12 bit and new lossless compressed digital audio.
- The HDMI input is compensated, clock / phase adjusted, and jitter eliminated so the output is a brand new standard HDMI signal.
- Supports input source LED indicators on each output select.
- Compatible with all HDMI sources and displays.
- PC and HDTV resolutions from VGA to UXGA and 480i to 1080p.
- Supports RS-232 control.
- Supports IR remote control and IR extender.
- HDMI cable distance test with 1080p/8 bit resolution, the Input/ Output source can run up to 15/15 metres. with 1080p/12 bit the Input/Output source can run up to 15/6 metres.



Interface	Compliance	3D	Input	Output	CEC	EDID	HDCP	Cascade	Max Res.	Chassis	Code
HDMI	1.3	Yes	4	4	-	Yes	Yes	Yes	UXGA/1080p	Metal	CMLUX-44S



↓ HDMI Matrix

HDMI V1.3 MATRIX 4X4

4 INPUT BY 4 OUTPUT HDMI V1.3 MATRIX SWITCH WITH REMOTE CONTROL & RS232 PORT

While HDMI products are getting more and more popular people are now starting to have more than one HDMI device. The HDMI V1.3 Matrix is the ideal solution for connecting all your HDMI devices, and thanks to the included remote this system gives you complete control over your media environment. Furthermore, the HDMI V1.3 Matrix can transfer Deep Colour video and bit stream digital audio with maximum performance and also supports HDMI 1.3, HDCP 1.1 and DVI 1.0.

Please follow this manual to begin enjoying the benefits of your HDMI 1.3 Matrix. We suggest keeping it in a safe place for future reference. Multi-source input with multi-display output control.

- HDMI 1.3, HDCP 1.1 and DVI 1.0 compliant.
- Deep Colour Mode and a new lossless compressed digital audio.
- Has LED input source indicators for each output option.
- PC and HDTV resolutions from VGA to UXGA and 480i to 1080p.
- Has RS-232 control.
- IR remote controller and IR extender.
- Dolby Digital, DTS digital audio transmission (32-192 kHz)
- HDMI cable distance 12-bit I/O up to 15/15 metres away.
- High performance Matrix with four inputs and four outputs.
- When the HDMI signal passes through the system it is Re-timed and level compensated to preserve signal.
- Switchable EDID function for choosing EDID to display.



Interface	Compliance	3D	Input	Output	CEC	EDID	HDCP	Cascade	Max Res.	Chassis.	Code
HDMI	1.3	Yes	4	4	-	Yes	Yes	Yes	UXGA/1080p	Metal	CMLUX-44E

HDMI V1.3 MATRIX 8X8

8 INPUT BY 8 OUTPUT HDMI V1.3 MATRIX SWITCH WITH REMOTE CONTROL & RS232 PORT

The popularity of HDMI products has been increasing for several years and is now commonly seen in residential and commercial settings. As people become accustomed to HDMI and use it more often, they acquire multiple devices and then find that they need something to help them link them together. So the need for an HDMI matrix that can interconnect multiple sources and different inputs has become an obsession for some. Well no need to worry because our "HDMI V1.3 Matrix" is a powerful tool that you can use to handle all of your HDMI needs. Furthermore the matrix supports HDMI 1.3, HDCP 1.1 and DVI 1.0, and can transfer Deep Colour video and bit stream digital audio with fantastic performance. Lastly the input EDID is independent allowing each input to switch between TV or the built-in EDID.

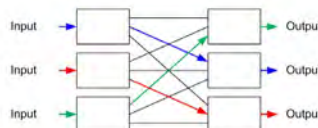
- HDMI 1.3, HDCP 1.1 and DVI 1.0 compliant.
- Deep Colour 10 bits and new lossless compressed digital audio.
- The HDMI input is compensated, clock/phase adjusted and jitter free so all the user sees is a high quality HDMI signal.
- Supports recall, memory and key lock function.
- Compatible with all HDMI sources and displays.
- Supports a wide range of PC and HDTV resolutions from VGA to UXGA and 480i to 1080p.
- Supports RS-232 control and firmware upgrading through USB port.
- Supports IR remote control and IR extender.
- Dolby Digital, DTS digital audio transmission (32-192kHz Fs sample rate).
- Supports LPCM 7.1 channel output from each of the independent HDMI ports.
- HDMI cable testing showed that with a resolution 1080p/8 bits & 10 bits the Input/Output source can be 10/15m (8bit) and 10/10m away.
- Independent switchable EDID function for choosing which resolution to display.
- High performance HDMI 1.3 Matrix with eight inputs and eight outputs with a remote control in order to link multiple HDMI sources, such as movies, music and games, all at the same time.
- Supports 38KHz IR extender.
- 4U's rack design for easy installation.
- Useful hot keys for quick set up.
- Strong build quality and an intelligent design allow the HDMI V1.3 Matrix to breathe properly and not overheat.



Interface	Compliance	3D	Input	Output	CEC	EDID	HDCP	Cascade	Max Res.	Chassis.	Code
HDMI	1.3	Yes	8	8	-	Yes	Yes	Yes	UXGA/1080p	Metal	CMLUX-88S

MATRIX EXAMPLE

CHMX-44 Shown here...





→ CYP Extenders

↓ Extenders X-Ref

CYPRESS EXTENDERS QUICK GUIDE

COMPONENT OVER CAT 5

Description	Compliance	Input	Output	Max Res.	Code
PC/Component over CAT5 Transmitter	RGB/YUV	D-Sub 15pin / 3.5mm & Toslink Audio	CAT5	UXGA / 1080p	CA-COMPAT
PC/Component over CAT5 Receiver at 50 Meters	RGB/YUV	CAT5	D-Sub 15pin / 3.5mm & Toslink Audio	UXGA / 1080p	CA-COMP50R
PC/Component over CAT5 Receiver at 100 Meters	RGB/YUV	CAT5	D-Sub 15pin / 3.5mm & Toslink Audio	UXGA / 1080p	CA-COMP100R

DVI Over Twin Cat-5

Description	Compliance	Input	Output	3D	CEC	EDID	HDCP	Max Res.	Code
DVI over CAT5 Transmitter	DVI-D 1.0	DVI	Twin CAT5	-	Yes	Yes	Yes	1080P/UXGA	CA-DVIAT
DVI over CAT5 Receiver Box 100M	DVI-D 1.0	Twin CAT5	DVI	-	Yes	Yes	Yes	1080P/UXGA	CA-DVI100R
DVI over CAT5 Receiver Box 250M	DVI-D 1.0	Twin CAT5	DVI	-	Yes	Yes	Yes	1080P/UXGA	CA-DVI250R

DVI Over Single Cat-6

Description	Compliance	Input	Output	3D	CEC	EDID	HDCP	Max Res.	Code
DVI Over 1x CAT6 Transmitter	DVI-D 1.0	DVI	CAT6	-	-	-	-	WUXGA/1080p	CDVI-301TX
DVI Over 1x CAT6 Receiver	DVI-D 1.0	CAT6	DVI	-	-	-	-	WUXGA/1080p	CDVI-301RX
DVI Over 1x CAT6 Extender Kit	DVI-D 1.0	DVI/CAT6	DVI/CAT6	-	-	-	-	WUXGA/1080p	CDVI-301TXRX

HDMI Over Twin Cat-5e

Description	Compliance	Input	Output	3D	CEC	EDID	HDCP	Max Res.	Code
HDMI Over 2x CAT5 Transmitter	HDMI 1.2	HDMI	Twin CAT5	-	Yes	Yes	-	1080P	CA-HDMIAT
HDMI Over 2x CAT5 Receiver 50M	HDMI 1.2	Twin CAT5	HDMI	-	Yes	Yes	-	1080P	CA-HDMI50R
HDMI Over 2x CAT5 Receiver 100M	HDMI 1.2	Twin CAT5	HDMI	-	Yes	Yes	-	1080P	CA-HDMI100R
HDMI Over 2x CAT5 Receiver 150M	HDMI 1.2	Twin CAT5	HDMI	-	Yes	Yes	-	1080P	CA-HDMI150R
HDMI Over 2x CAT5 Receiver 250M	HDMI 1.2	Twin CAT5	HDMI	-	Yes	Yes	-	1080P	CA-HDMI250R

HDMI Over Single Cat-6

Description	Compliance	Input	Output	3D	CEC	EDID	HDCP	Max Res.	Code
HDMI Over 1x CAT6 Transmitter	HDMI V1.3	1x HDMI	CAT6	-	-	-	-	WUXGA/1080p	CH-301TX
HDMI Over 1x CAT6 Receiver	HDMI V1.3	1x CAT6	HDMI	-	-	-	-	WUXGA/1080p	CH-301RX
HDMI Over 1x CAT6 TX/RX Kit	HDMI V1.3	1x HDMI / 1x CAT6	1x HDMI / 1x CAT6	-	-	-	-	WUXGA/1080p	CH-301TXRX
HDMI Over 1x CAT5e/6 With RS-232 Transmitter	HDMI V1.4 / DVI	1x HDMI / 1x RS232	CAT6 / RS232	Yes	Yes	-	Yes	1080p	CH-501TX
HDMI Over 1x CAT5e/6 With RS-232 Receiver	HDMI V1.4 / DVI	CAT6 / RS232	1x HDMI / 1x RS232	Yes	Yes	-	Yes	1080p	CH-501RX
HDMI Over 1x CAT5e/6 With RS-232 TX/RX Kit	HDMI V1.4 / DVI	HDMI/ CAT6/ RS232	CAT6/ HDMI/ RS232	Yes	Yes	-	Yes	1080p	CH-501TXRX
HDMI Over 1x CAT6 Transmitter	HDMI V1.3 / DVI	1x HDMI	1x CAT6	Yes	-	-	Yes	1080p	CH-107TX
HDMI Over 1x CAT6 Transmitter EDID	HDMI V1.3 / DVI	1x HDMI	1x CAT6	Yes	-	Yes	Yes	1080p	CH-1107TX
HDMI Over 1x CAT6 Receiver	HDMI V1.3 / DVI	1x CAT6	1x HDMI	Yes	-	-	Yes	1080p	CH-107RX
HDMI Over 1x CAT6 Extender	HDMI V1.3 / DVI	1x CAT6 / 1x HDMI	1x CAT6	Yes	-	Yes	Yes	1080p	CH-1107EX
1 by 8 HDMI Over 1x CAT6 Splitter	HDMI V1.3 / DVI	1x HDMI	8x CAT6	Yes	-	Yes	Yes	WUXGA/1080p	CLUX-8MCAT

HDMI Over Twin Cat-6

Description	Compliance	Input	Output	3D	CEC	EDID	HDCP	Max Res.	Code
HDMI to CAT6 Transmitter	HDMI V1.3 / DVI 1.1	HDMI	Twin CAT6	-	Yes	-	Yes	1080p	CH-103TX
CAT6 to HDMI Receiver	HDMI V1.3 / DVI 1.1	Twin CAT6	HDMI	-	Yes	-	Yes	1080p	CH-103RX
CH-103 Series CAT6 Repeater	HDMI V1.3 / DVI 1.1	Twin CAT6	Twin CAT6	-	Yes	-	Yes	1080p	CH-108
HDMI to Twin CAT6 Transmitter with IR	HDMI V1.3 / DVI	1x HDMI / 1x IR	1x Twin CAT6 / 1x IR	-	Yes	-	Yes	1080p	CH-106TX
HDMI to Twin CAT6 Receiver with IR	HDMI V1.3 / DVI	1x Twin CAT6 / 1x IR	1x HDMI / 1x IR	-	Yes	-	Yes	1080p	CH-106RX



→ CYP Extenders

↓ Extenders X-Ref

HDMI Over Twin Cat-6 Distribution System

Description	Compliance	Input	Output	3D	CEC	EDID	HDCP	Max Res.	Code
TX Adaptor - HDMI Adaptor to Twin Cat-6	HDMI 1.3 / DVI 1.0	1x HDMI	1x Twin CAT-6	Yes	Yes	-	Yes	1080p	CH-1106TX
TX Splitter - 3x Twin Cat-6 Output with HDMI loop thru	HDMI 1.3 / DVI 1.0	1x HDMI	3x Twin Cat-6 / 1x HDMI	Yes	Yes	Yes	Yes	UXGA/1080p	CLUX-1H4CAT
TX Splitter - 7x Twin Cat-6 Output with HDMI loop thru	HDMI 1.3 / DVI 1.0	1x HDMI	7x Twin Cat-6 / 1x HDMI	Yes	Yes	Yes	Yes	UXGA/1080p	CLUX-1H8CAT
TX Matrix - 4x HDMI input to 4x Twin Cat-6	HDMI 1.3 / DVI 1.0	4x HDMI	4x Twin Cat-6	Yes	-	Yes	Yes	UXGA/1080p	CMLUX-4H4CAT
TX/RX Splitter - Selectable HDMI or Twin Cat-6 input. Output splits same signal to HDMI & Twin CAT-6	HDMI 1.3 / DVI 1.0	1x HDMI / 1x Twin CAT-6	1x HDMI / 1x Twin CAT-6	Yes	Yes	Yes	Yes	SXGA/1080p	CLUX-22HC
RX Adaptor - Twin Cat-6 to HDMI Adaptor	HDMI 1.3 / DVI 1.0	1x Twin CAT-6	1x HDMI	Yes	Yes	-	Yes	1080p	CH-1106RX
RX Splitter - Twin CAT-6 to 3x HDMI & 1x Twin Cat-6 Outputs	HDMI 1.3 / DVI 1.0	1x Twin Cat-6	3x HDMI / 1x Twin Cat-6	Yes	Yes	Yes	Yes	UXGA/1080p	CLUX-1CAT4H
RX Splitter - Twin CAT-6 to 7x HDMI & 1x Twin Cat-6 Outputs	HDMI 1.3 / DVI 1.0	1x Twin Cat-6	7x HDMI / 1x Twin Cat-6	Yes	Yes	Yes	Yes	UXGA/1080p	CLUX-1CAT8H

HDMI Over Optical Fibre

Description	Compliance	Input	Output	3D	CEC	EDID	HDCP	Max Res.	Code
HDMI to Optical FO - Transmitter	HDMI 1.2 / DVI	HDMI	Optical FO x2	-	Yes	Yes	Yes	1080p	COH-TX1
HDMI to Optical FO - Receiver	HDMI 1.2 / DVI	Optical FO x2	HDMI	-	Yes	Yes	Yes	1080p	COH-RX1

HDMI Over Coax

Description	Compliance	Input	Output	3D	CEC	EDID	HDCP	Max Res.	Code
HDMI Over Coax Transmitter	HDMI V1.3 / DVI 1.1	HDMI	RGBHV Coax x5	-	Yes	-	-	1080p	CAC-TXA
HDMI Over Coax Receiver	HDMI V1.3 / DVI 1.1	RGBHV Coax x5	HDMI	-	Yes	-	-	1080p	CAC-RXA
HDMI Over Coax TX/RX Kit	HDMI V1.3 / DVI 1.1	HDMI / RGBHV Coax x5	HDMI / RGBHV Coax x5	-	Yes	-	-	1080p	CAC-TXARXA

HDMI Boosters / Repeaters

Description	Compliance	Input	Output	3D	CEC	EDID	HDCP	Max Res.	Code
2.25Gbps	HDMI V1.3 / DVI V1.0	HDMI	HDMI	Yes	Yes	Yes	Yes	1080p	CS-HH
1.62Gbps	HDMI V1.2 / DVI	HDMI	HDMI	-	No	-	Yes	1080p	CP-269HM
6.75Gbps	HDMI V1.3 / DVI 1.1	HDMI	HDMI	-	-	-	Yes	1080p	CLUX-11HS
HDMI Extender/Repeater upto 15M	HDMI V1.3 / DVI 1.1	HDMI	HDMI	-	Yes	-	Yes	1080p	CH-101

PC/HDMI EXTENDERS

Description	Compliance	Input	Output	3D	CEC	EDID	HDCP	Max Res.	Code
Wireless KVM. Connect your PC to the TV display wirelessly with keyboard & mouse support.	HDMI/VGA	USB Dongle	HDMI / VGA	-	-	Yes	-	1080p	CDL-165PRO
Transmitter - KVM / RS-232 / USB / HDMI LAN Over Cat5e/6	HDMI v1.3 / USB 2.0 / 1.1 / DVI V1.0	USB-B / HDMI / IR / RS232	Cat-5e/6	-	-	-	Yes	1080	CA-USBHUT
Receiver - KVM / RS-232 / USB / HDMI LAN Over Cat5e/6	HDMI v1.3 / USB	Cat-5e/6 / 3.5mm	4x USB-A / HDMI / IR / RS232 / 3.5mm Audio	-	-	-	Yes	1080	CA-USBHU100R
PC Multi-Monitor Extender USB/ETHERNET to 4x HDMI	USB 2.0 / 1Gb Ethernet	Ethernet / USB	HDMI x4	-	-	Yes	-	1080p	CETH-4HDMI

IR / USB / RS-232 / ETHERNET / HDMI OVER Cat-5/6

Description	Compliance	Input	Output	Code
RS232 Over Cat-5 Extender - Transmitter	RS232	RS232	CAT5	CRS-232TX
RS232 Over Cat-5 Extender - Receiver	RS232	CAT5	RS232	CRS-232RX
RS232 Over Cat-5 Extender - TX/RX Kit	RS232	RS232/CAT5	CAT6/RS232	CRS-232TXRX
Infrared Repeater	IR	IR x1	CAT5 / IR x2	CIR-12
Infrared Extender	IR	CAT5	IR x3	CIR-03
USB Over Cat5e/6 - Transmitter	USB 2.0/1.1	1x USB-B	1x Cat-5/6	CA-USBAT
USB Over Cat5e/6 - Receiver	USB 2.0/1.1	Cat-5e/6	4x USB-A	CA-USB100R
PC Multi-Monitor Extender USB/ETHERNET to 4x HDMI	USB 2.0 / 1Gb Ethernet	Ethernet / USB	HDMI x4	CETH-4HDMI
USB/ETHERNET to USB HUB	USB 2.0/1.1	USB	RJ45 Ethernet	CETH-4USB
HDMI / ETHERNET(w/ POE) / IR / RS-22 Over Cat-5e/6 - Transmitter	HDMI 1.4	1 x HDMI , 1 x HDMI Bypass, 3 x Ethernet, 1 x RS-232, 1 x IR Extender, 1 x IR Blaster	1x Cat-5e/6	CH-1109TX
HDMI / ETHERNET(w/ POE) / IR / RS-22 Over Cat-5e/6 - Receiver	HDMI 1.4	1x Cat-5e/6	1 x HDMI, 1 x RS-232, 3 x Ethernet, 1 x IR Extender, 1 x IR Blaster	CH-1109RX



→ CYP Extenders

↓ Component & VGA Over Cat-5

COMPONENT & VGA OVER CAT5

TRANSMITTER REQUIRES RECEIVER

PC/HD Audio over CAT5 extends PC/HD & Audio signal quick and easily. Two receiver units available providing a range of up to 50 and 100 metres. Plug and Play solution.

- Supports PC/RGB and HD/YCbCr/YPbPr format input.
- Supports CAT-5/CAT-5E/CAT-6 cable.
- Supports high definition (HD) input source up to 1080P.
- Supports PC output source up to UXGA.
- Supports Dolby AC3/PCM 2CH Toslink output audio.
- Supports Dolby AC3/PCM 2CH Toslink input audio.
- Easy to install and simple to operate.



Interface	Compliance	Input	Output	Max.	Max Res.	Code
Transmitter	RGB/YUV	D-Sub 15pin / 3.5mm & Toslink Audio	CAT5	-	UXGA / 1080p	CA-COMPAT
Receiver	RGB/YUV	CAT5	D-Sub 15pin / 3.5mm & Toslink Audio	50M	UXGA / 1080p	CA-COMP50R
Receiver	RGB/YUV	CAT5	D-Sub 15pin / 3.5mm & Toslink Audio	100M	UXGA / 1080p	CA-COMP100R

↓ DVI Over Cat-5/6

DVI TWIN CAT5 EXTENDER

DIGITAL COAX & ANALOGUE AUDIO 3.5mm

DVI transmitter and receiver over CAT5 is an extender for DVI signal - up to 100 or 250 metres long. Not only can this device transfer the HD image signal but also the analog/digital audio signal with coaxial and L/R audio 3.5mm. Through the DDC cable the device can also support HDCP and CEC. This extender is perfect for extending high resolution digital signage with crystal clear images over low cost network solution.

- Compliant with HDMI 1.2, HDCP 1.1 and DVI 1.0 specifications.
- Equalizer, Gain, CTI (Colour Transient Improvement) adjustment.
- Supports high definition up to 1080P/UXGA, output res follows input.
- Easy to install and simple to operate.
- Supports DDC/HDCP signal transferring through DDC cable.
- Build-in EDID at transmitter.
- Support both external Coaxial and Stereo Sound.



Interface	Compliance	Input	Output	3D	CEC	EDID	HDCP	Max Res.	Max.	Code
Transmitter	DVI-D 1.0	DVI	Twin CAT5	-	Yes	Yes	Yes	1080P/UXGA	-	CA-DVIAT
Receiver	DVI-D 1.0	Twin CAT5	DVI	-	Yes	Yes	Yes	1080P/UXGA	100M	CA-DVI100R
Receiver	DVI-D 1.0	Twin CAT5	DVI	-	Yes	Yes	Yes	1080P/UXGA	250M	CA-DVI250R

DVI SINGLE CAT6 EXTENDER

DVI-D VIDEO EXTENSION OVER CAT6 CABLE

DVI-D Transmitter and Receiver over One CAT6 extends your DVI-D devices over long distances easily. CAT-6 high bandwidth up to 2.25Gbps per channel. These devices are hardware based with fast and easy installation and are perfectly suited for common PC and notebook using.

- Supports digital video formats up to 36 bits.
- Support high definition input/output up to WUXGA/1080p.
- Uses one CAT6 cable for data/DDC transmission.
- Equalizes and recovers incoming TMDS data before re-transmitting it in optimal quality.
- DVI Cable testing showed that with WUXGA/1080p 8 bit resolution, input or output device can run up to 12 metres away and with WUXGA/1080p 12 bit resolution it can run up to 10 metres away.
- When transmitting a signal in WUXGA/1080p 8 bit resolution the CAT6 operating distance is 40 metres, and when the signal is in 12 bit resolution the CAT6 operating distance is 15 metres.
- Power over CAT6 available but It is recommended to use power adaptor on both transmitter and receiver side to get the best performance and long distance operating.
- Using power adaptor on transmitter side only, receiver side powered over CAT6 cable, the operating CAT6 cable distance will decrease to 20 metres or less.



Interface	Compliance	Input	Output	CEC	EDID	HDCP	Max.	Code
Transmitter	DVI-D 1.0	DVI	CAT6	-	-	-	40M	CDVI-301TX
Receiver	DVI-D 1.0	CAT6	DVI	-	-	-	40M	CDVI-301RX
Transmitter/Receiver TX / RX	DVI-D 1.0	DVI/CAT6	DVI/CAT6	-	-	-	40M	CDVI-301TXRX



↓ HDMI Over Twin Cat-5e

HDMI OVER TWIN CAT5e

REQUIRES TRANSMITTER AND ONE DISTANCE RECEIVER

Cypress CA-HDMIAT is the transmitter (Tx) unit of HDMI over CAT5 Tx/Rx solution, depends on the type of receiver (Rx) unit used, CA-HDMIAT can extend HDMI signal through CAT-5 cables for a distance up to 50/100/150/250 metres. The installation of Cypress HDMI Over CAT5 is easy and quick, simply place CAHDMIAT next to your HDTV source such as a DVD player, then place the receiver unit (CA-HDMI50R / CA-HDMI100R / CA-HDMI150R / CA-HDMI250R) next to your display, and get all necessary cables connected to complete.

- Compliant with HDMI 1.2, HDCP 1.1 and DVI 1.0 specifications.
- Supports CAT-5/CAT-5E/CAT-6 cables of variable types.
- Supports high definition input up to 1080P, output res' follows input.
- Easy to install and simple to operate.
- Not compatible with HDCP source.



Interface	Compliance	Input	Output	3D	CEC	EDID	HDCP	Max.	Code
Transmitter	HDMI 1.2	HDMI	Twin CAT5	-	Yes	Yes	-		CA-HDMIAT
Receiver	HDMI 1.2	Twin CAT5	HDMI	-	Yes	Yes	-	50M	CA-HDMI50R
Receiver	HDMI 1.2	Twin CAT5	HDMI	-	Yes	Yes	-	100M	CA-HDMI100R
Receiver	HDMI 1.2	Twin CAT5	HDMI	-	Yes	Yes	-	150M	CA-HDMI150R
Receiver	HDMI 1.2	Twin CAT5	HDMI	-	Yes	Yes	-	250M	CA-HDMI250R

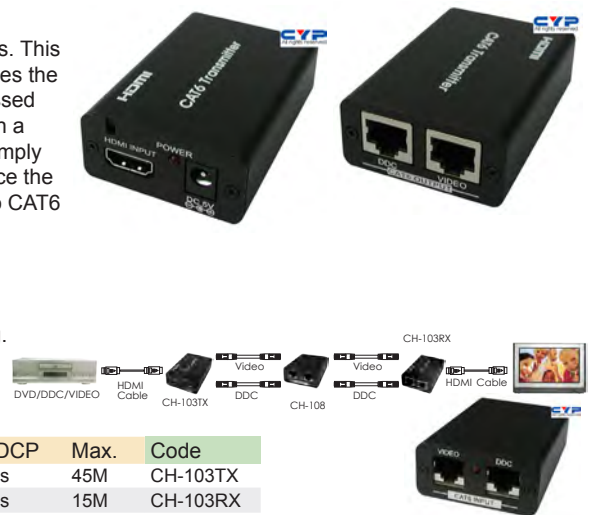
↓ HDMI Over Twin Cat-6

HDMI V1.3 TWIN CAT6 EXTENDER

TRANSMITTER & RECEIVER

HDMI to CAT6 Solution that can extend HDMI digital signal through CAT-6 cables. This is compatible to HDMI v1.3 specifications, a cutting-edge technology which defines the support to transfer Deep Colour (12 bits/colour) video and new lossless compressed (Dolby True HD, Dolby Digital Plus and DTS-HD Master Audio) Digital audio, with a bandwidth up to 225MHz. The installation of HDMI to CAT6 is easy and quick, simply place transmitter side next to your HDTV source such as a DVD player, then place the receiver side next to your Monitor/TV. Extra lengths are achievable with CAT 6 to CAT6 repeater unit for additional distance.

- HDMI 1.3, HDCP 1.1 and DVI1.1 compliant.
- Supports digital video formats in Deep Colour Mode at up to 36 bits.
- Dolby True HD, Dolby Digital Plus and DTS-HD Master Digital audio.
- Supports equalization and recovers incoming TMDS data before re-transmitting.
- 1080p/8 bits resolution the Input/Output source can run up to 45/15 metres.
- 1080p/12 bits resolution the Input/Output source can run up to 15/15 metres.
- Supports CEC bypass. Supports xvYCC.



Interface	Compliance	Input	Output	CEC	EDID	HDCP	Max.	Code
Transmitter	HDMI V1.3 / DVI 1.1	HDMI	Twin CAT6	Yes	-	Yes	45M	CH-103TX
Receiver	HDMI V1.3 / DVI 1.1	Twin CAT6	HDMI	Yes	-	Yes	15M	CH-103RX
Repeater	HDMI V1.3 / DVI 1.1	Twin CAT6	Twin CAT6	Yes	-	Yes	45M	CH-108

HDMI V1.3 CAT6 EXTENDER

WITH IR REMOTE CONTROL RETURN

The HDMI 1.3 transmitter and receiver is the right way to send your HDMI signal over long distances. Instead of using noisy HDMI cables, this device lets you use CAT 6 cables pair allowing the same functions like transferring Deep Colour (12 bits/colour) video and new lossless compressed (Dolby True HD, Dolby Digital Plus and DTS-HD Master Audio) digital audio, all with a bandwidth up to 225MHz. Also allows you to use your existing remote to control your device. If your looking for a way to extend an HDMI signal, then the HDMI 1.3 Transmitter and Receiver is what you have been searching for.

- Compliant with HDMI 1.3, HDCP 1.1 and DVI 1.0 standards.
- Deep Colour Mode at up to 36 bits (12 bits/colour).
- Dolby True HD, Do by Digital Plus and DTS-HD Master Digital audio.
- Supports CAT-6 cables for data/DDC transmission.
- Equalizes and recovers incoming TMDS data before re-transmitting it in high quality.
- Supports CEC bypass and xvYCC.
- CH-106: Cable distance 1080p/8 bits resolution Input/Output up to 30/45 metres away.
- With 1080p/12 bits resolution the I/O source can run up to 15/15 metres.
- CH-1106: HDMI cable testing with 1080p/8 bits & 12 bits the Input/Output distance can reach up to 15/15M. With CAT6 cable, distance test with 1080p/8 bits & 12 bits resolution the I/O source can run up to 45/20M.



Interface	Compliance	Input	Output	CEC	EDID	HDCP	Max.	Code
Transmitter	HDMI V1.3 / DVI	1x HDMI / 1x IR	1x Twin CAT6 / 1x IR	Yes	-	Yes	45M	CH-106TX
Receiver	HDMI V1.3 / DVI	1x Twin CAT6 / 1x IR	1x HDMI / 1x IR	Yes	-	Yes	45M	CH-106RX
Transmitter	HDMI 1.3 / DVI 1.0	1x HDMI	1x Twin CAT-6	Yes	-	Yes	45M/8Bit or 10M/12Bit	CH-1106TX
Receiver	HDMI 1.3 / DVI 1.0	1x Twin CAT-6	1x HDMI	Yes	-	Yes	45M/8Bit or 10M/12Bit	CH-1106RX



↓ HDMI Over Single Cat-6

HDMI OVER CAT6 EXTENDER

SINGLE CAT 6 UP TO 45M

The HDMI 1.3 CAT 6 is allows for displaying HDMI content at long distances, instead of using expensive & noisy HDMI cables.

- Compliant with HDMI 1.3, HDCP 1.1 and DVI 1.1 standards.
- Deep Colour Mode at up to 36 bits (12 bits/colour).
- Dolby True HD, Dolby Digital Plus and DTS-HD Master Digital audio.
- Supports one CAT-6 cable for data/DDC transmission.
- Equalizes and recovers incoming TMDS data before re-transmitting it in optimal quality regardless of the incoming signal quality.
- Cable testing showed that with 1080p 8 bit resolution the HDMI input/output source can be 15 metres away.
- Cable testing showed that with 1080p 8 bit resolution the CAT6 input/output device can be 45M away (1080p 12 bit is 15 metres away).



Interface	Compliance	Input	Output	CEC	EDID	HDCP	Max.	Code
Transmitter	HDMI V1.3 / DVI	1x HDMI	1x CAT6	-	-	Yes	45M (8bit)	CH-107TX
Receiver	HDMI V1.3 / DVI	1x CAT6	1x HDMI	-	-	Yes	45M (8bit)	CH-107RX
Transmitter	HDMI V1.3 / DVI	1x HDMI	1x CAT6	-	Yes	Yes	45M (8bit)	CH-1107TX
Receiver	HDMI V1.3 / DVI	1x CAT6 / 1x HDMI	1x CAT6	-	Yes	Yes	45M (8bit)	CH-1107EX

HDMI OVER CAT6 TRANSMITTER SPLITTER

1 by 8 HDMI v1.3 to single CAT6 Splitter can simultaneously distribute a single HDMI source to eight displays when connecting with a CAT6 to HDMI receiver. Efficient and cost effective way to link your displays, distribute HDMI signal at their full strength and at great distances. Supports 3D signals with 3D LED indicator.



Description	Interface	Compliance	Input	Output	CEC	EDID	HDCP	Max.	Code
1 by 8 HDMI Over 1x CAT6 Splitter	TX x8 Out	HDMI V1.3 / DVI	1x HDMI	8x CAT6	-	Yes	Yes	45M (8bit)	CLUX-8MCAT

HDMI OVER CAT6 EXTENDER

COMPACT AND USB POWERED

Instead of buying expensive, long distance HDMI cables, economical CAT6 cables can be utilized to perform advanced functions, like transferring Deep Colour (12 bits/colour) video and high Definition (Dolby True HD, Doby Digital Plus and DTS HD Master Audio) digital audio, with a bandwidth up to 2.25Gbps per channel. Power packs are included or powered by its USB connection which also makes it easier to install.

- Supports digital video formats up to 36 bits.
- Support high definition input/output up to WUXGA/1080p.
- Uses one CAT6 cable for data/DDC transmission.
- Equalizes and recovers incoming TMDS data before re-transmitting.
- WUXGA/1080p 8 bit resolution, input/output device can run to 12 metres WUXGA/1080p12 bit resolution it can run up to 10 metres away.
- 1080p 8 bit resolution the CAT6 operating distance is 40 metres, and 12 bit resolution the CAT6 operating distance is 15 metres.
- Using only transmitter side's power in 1080p 8 bit resolution the CAT6 operating distance is 20 metres depends on source and display used.
- The transmitter is powered by its USB connection while the receiver obtains its power through the CAT6 cable. But when operating over long distances the receiver can be connected with a USB power.



Interface	Compliance	Input	Output	CEC	EDID	HDCP	Max.	Code
Transmitter	HDMI V1.3	1x HDMI	CAT6	-	-	-	20M (8bit)	CH-301TX
Receiver	HDMI V1.3	1x CAT6	HDMI	-	-	-	20M (8bit)	CH-301RX
TX/RX Kit	HDMI V1.3	1x HDMI / 1x CAT6	1x HDMI / 1x CAT6	-	-	-	20M (8bit)	CH-301TXRX

HDMI OVER CAT6 EXTENDER RS232

WITH RS232 CONTROL OVER CAT6

HDMI V1.4 Over Single CAT5e/CAT6 with RS-232 can transmit and receive uncompressed audio/video and control through the built-in RS-232 and IR ports over 100M. HDMI bypass for instant display at the control point.

- HDMI 1.4 with 3D, 4k and 2k and 2k support, HDCP & DVI Compliant.
- Supports HDCP repeater and CEC function.
- Simultaneously uncompressed data sending over a single 100M with CAT6 cable or 80M with CAT5e cable.
- Uncompressed video 1080p, 60Hz, 48 bits.
- Audio support up to 7.1CH & Dolby True HD, DTS-HD.
- Various controls over HDMI CEC, RS232 & IR.



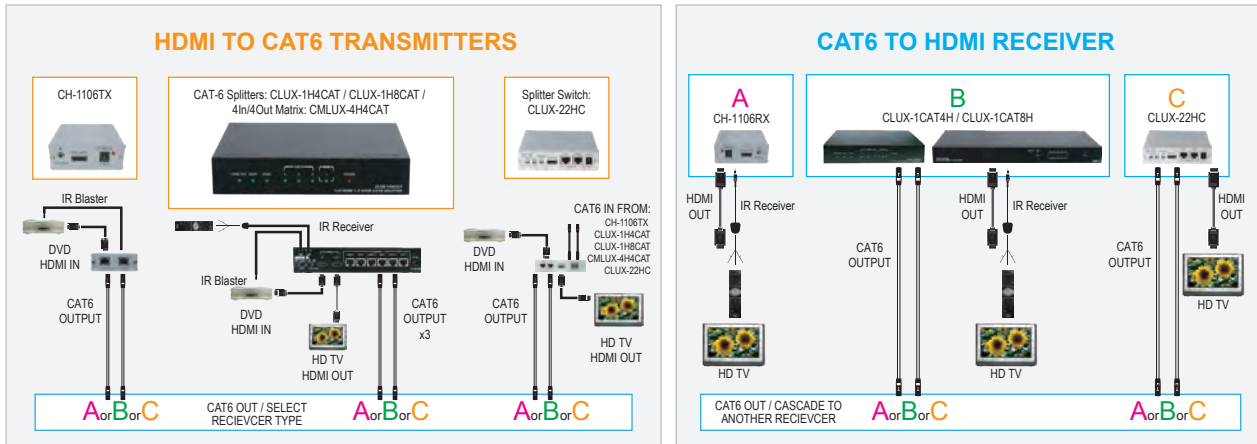
Interface	Compliance	Input	Output	CEC	EDID	HDCP	Max.	Code
Transmitter	HDMI V1.4 / DVI	1x HDMI / 1x RS232	CAT6 / RS232	Yes	-	Yes	100M	CH-501TX
Receiver	HDMI V1.4 / DVI	CAT6 / RS232	1x HDMI / 1x RS232	Yes	-	Yes	100M	CH-501RX
TX/RX Kit	HDMI V1.4 / DVI	HDMI/CAT6/RS232	CAT6/HDMI/RS232	Yes	-	Yes	100M	CH-501TXRX



↓ HDMI Over Twin Cat6 Distribution System

HDMI OVER 2x CAT-6 DISTRIBUTION SYSTEM

Distribute high quality HDMI HD signal over long distances. Multiple INPUT/OUTPUT configurations using industry standard CAT-6 cable. Makes installation of HD distribution fast and flexible to install. Ideal for any type of home / commercial premises. See following pages for different distribution transmitters and receivers and also example scenario diagrams.



HDMI V1.3 OVER CAT6 TX / RX ADAPTORS

WITH IR REMOTE CONTROL RETURN

The HDMI 1.3 transmitter and receiver is the right way to send your HDMI signal over long distances. Instead of using noisy HDMI cables, this device lets you use CAT 6 cables pair allowing the same functions like transferring Deep Colour (12 bits/colour) video and new lossless compressed (Do by True HD, Do by Digital Plus and DTS-HD Master Audio) digital audio, all with a bandwidth up to 225MHz. Also allows you to use your existing remote to control your device. If your looking for a way to extend an HDMI signal, then the HDMI 1.3 Transmitter and Receiver is what you have been searching for.

- Compliant with HDMI 1.3, HDCP 1.1 and DVI 1.0 standards.
- Deep Colour Mode at up to 36 bits (12 bits/colour).
- Do by True HD, Do by Digital Plus and DTS-HD Master Digital audio.
- Supports CAT-6 cables for data/DDC transmission.
- Equalizes and recovers incoming TMDS data before re-transmitting it in high quality.
- Supports CEC bypass and xvYCC.
- CH-106: Cable distance 1080p/8 bits resolution Input/Output up to 30/45 metres away.
- With 1080p/12 bits resolution the I/O source can run up to 15/15 metres.
- CH-1106: HDMI cable testing with 1080p/8 bits & 12 bits the Input/Output distance can reach up to 15/15M. With CAT6 cable, distance test with 1080p/8 bits & 12 bits resolution the I/O source can run up to 45/20M.

Includes IR Receiver/Transmitter LED modules.

Compliance	Input	Output	3D	CEC	EDID	HDCP	Max.	Max Res.	Code
HDMI 1.3 / DVI 1.0	1x HDMI	1x Twin CAT-6	Yes	Yes	-	Yes	45M/8Bit or 10M/12Bit	1080p	CH-1106TX
HDMI 1.3 / DVI 1.0	1x Twin CAT-6	1x HDMI	Yes	Yes	-	Yes	45M/8Bit or 10M/12Bit	1080p	CH-1106RX



HDMI TO TWIN CAT6 TRANSMITTER - CAT6 SPLITTER

HDMI IN TO MULTIPLE TWIN CAT6 OUT

HDMI to CAT6 1.3 splitter when used with CAT6 to HDMI receivers it will allow user to distribute a HDMI over CAT6 cables up to 45 metres. This solution provides a direct input of one HDMI to a looped output of HDMI and 3/7 CAT6 outputs - a smart way to link and display a single source to 4/8 different screens simultaneously. Alternatively, the HDMI output can also be treated as an extender to connect to another HDMI splitter or cascade with other unit in multiple layers. This unit allows user to transmit HDMI signal via CAT6 without compression over long distance. The HDMI to CAT6 splitter also incorporates functions like EDID, System Reset, Deep colour and IR systems.

- HDMI 1.3, HDCP 1.1 and DVI 1.0 compliant. Deep colour video up to 12 bit, 1080p@60Hz.
- Allows users to link up to four or eight displays.
- HDCP keysets allows each output to work independently connected to a HDMI display.
- Supports both DVI source/display by using HDMI to/from DVI adaptor cable.
- LPCM 7.1CH, Dolby True HD, Dolby Digital Plus and DTS-HD Master Audio.
- Supports PC and HDTV resolutions from VGA to SXGA and 480i to 1080p.
- Selects EDID from TV mode or STD mode (this splitter).
- IR remote control extender (receiver and transmitter included).
- CEC Bypass.



Compliance	Input	Output	3D	CEC	EDID	HDCP	Max.	Code
HDMI 1.3 / DVI 1.0	1x HDMI	3x Twin Cat-6 / 1x HDMI	Yes	Yes	Yes	Yes	45M/8Bit or 10M/12Bit	CLUX-1H4CAT
HDMI 1.3 / DVI 1.0	1x HDMI	7x Twin Cat-6 / 1x HDMI	Yes	Yes	Yes	Yes	45M/8Bit or 10M/12Bit	CLUX-1H8CAT



↓ HDMI Over Twin Cat6 Distribution System

TWIN CAT6 TO HDMI RECEIVER - HDMI SPLITTER

TWIN CAT6 RECEIVER TO HDMI SPLITTER

CAT6 to HDMI 1.3 splitter is the smart way to link and display a single HDMI source on three or more screens simultaneously. Not only can it send an HDMI source to three different displays, but it can also act like a router, when connected to another CAT6 splitter it can transfer an HDMI signal to a further 3 displays, making a total of six showing the same source instead of only three. This unit allows users to transmit HDMI signals via CAT6 without compression over long distance. The CAT6 to HDMI splitter also incorporates functions like EDID, System Reset, Deep colour and IR systems. Connect to 3 or 7 HDMI displays. Extend to another CAT6 splitter to reach more. Multi-task project presentations. Showroom displays, etc.

- HDMI 1.3, HDCP 1.1 and DVI 1.0 compliant Deep colour video 12 bit.
- Allows users to link up to 3/7 displays simultaneously.
- HDCP keysets allows each output to work independently.
- LPCM 7.1CH, Dolby True HD, Dolby Digital Plus and DTS-HD.
- Supports PC and HDTV from VGA to UXGA and 480i to 1080p.
- Selects EDID from TV mode or STD mode (this splitter). CEC Bypass.
- IR remote control extender (Includes receiver and transmitter units).

Use with CH106, CH1106, CLUX22HC, CLUX-1H4/8CAT

Compliance	Input	Output	3D	CEC	EDID	HDCP	Max.	Max Res.	Code
HDMI 1.3 / DVI 1.0	1x Twin Cat-6	3x HDMI / 1x Twin Cat-6	Yes	Yes	Yes	Yes	45M/8Bit or 10M/12Bit	UXGA/1080p	CLUX-1CAT4H
HDMI 1.3 / DVI 1.0	1x Twin Cat-6	7x HDMI / 1x Twin Cat-6	Yes	Yes	Yes	Yes	45M/8Bit or 10M/12Bit	UXGA/1080p	CLUX-1CAT8H



TWIN CAT6 AND HDMI EXTENDER MATRIX

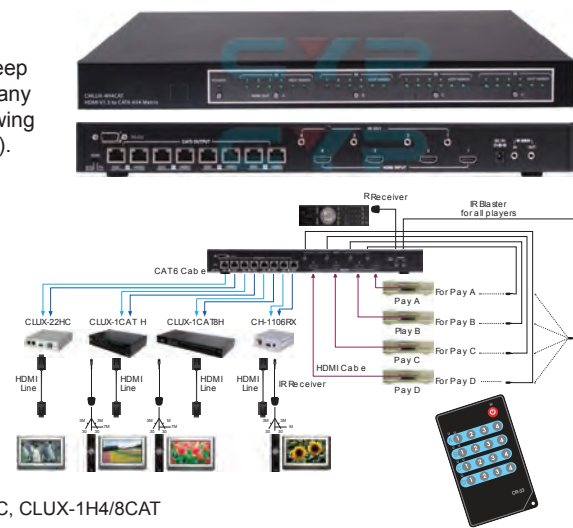
REMOTE CONTROLLED - HIGH PERFORMANCE

4 x 4 HDMI over TWIN CAT6 Matrix that is a high performance device, boasting features such as a remote control, IR blaster and IR receiver. Compatible with Deep Colour Video and high definition digital audio, this device has the ability to direct any of its four HDMI sources to any of the four HDMI displays, with each display showing a different source. CAT 6 cables for long operating distance (50M at 1080p 8 bits). Four individual output IR blasters for controlling input sources.

- HDCP 1.1 and DVI 1.0 compliant.
- Deep Colour Video of up to 36 bits (12 bits/color) and high definition.
- Do by True HD, Do by Digital Plus and DTS-HD Master Audio) digital audio.
- When the HDMI signal passes through this device it is compensated, clock/phase adjusted and jitter free.
- Supports PC and HDTV resolutions from VGA to UXGA and 480i to 1080p.
- Has RS-232 control.
- Supports IR remote control with an IR extender and blaster.
- Do by Digital, DTS digital audio transmission (32-192 kHz Fs sample rate).
- Indicates whether the source is HDCP, HDMI or DVI via an LED light.
- Cable testing showed that at 1080p/8 or 12 bits resolution up to 50M and the input & output source(s) can be up to 15 metres away.

Includes remote control receiver and transmitter units. Use with CH106, CH1106, CLUX22HC, CLUX-1H4/8CAT

Compliance	Input	Output	3D	CEC	EDID	HDCP	Max.	Code
HDMI 1.3 / DVI 1.0	4x HDMI	4x Twin Cat-6	Yes	-	Yes	Yes	45M/8Bit or 10M/12Bit	CMLUX-4H4CAT



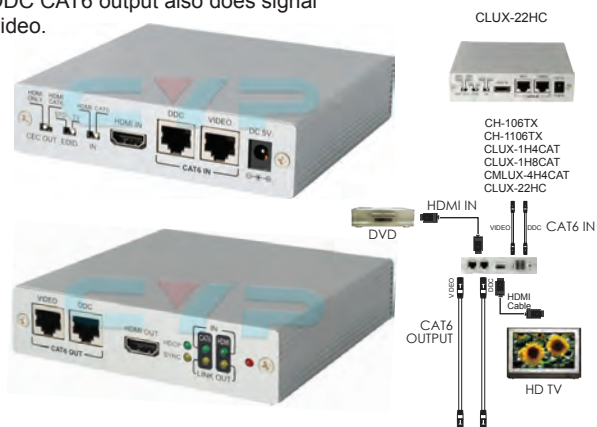
TWIN CAT6 AND HDMI EXTENDER WITH SELECTABLE INPUT

DAISY-CHAIN & LOCALLY SWITCHED NO IR

The HDMI/CAT6 to HDMI/CAT6 Splitter Switcher for HDMI and Video/DDC signal distribution. This CAT6 output port can be easily connected to an HDMI receivers CAT6 input port to allow a stable connection between an HDMI source and any compatible display. Besides splitting and distributing, the Video/DDC CAT6 output also does signal amplification and equalization which provide high performance I/O of audio and video.

- HDMI 1.3, HDCP 1.1 and DVI 1.0 compliant. Deep colour video 12 bit 1080p@60Hz.
- Simultaneously 1x HDMI & TWIN CAT6 source to 1x HDMI & TWIN CAT6 output.
- HDCP keysets allows each output to work independently.
- Capable of splitting HDMI/CAT6 sources to HDMI/CAT6 outputs, no signal loss.
- Supports LPCM.7.1CH, Dolby True HD, Dolby Digital Plus and DTS-HD.
- Supports PC and HDTV resolutions from VGA to SXGA and 480i to 1080p.
- Full HDCP Compliant.
- The Input/Output source can be up to 15/15 metres away when the HDMI cable has a resolution of with 1080p/8 bits. The CAT6 cable test showed that with a resolution of 1080p/8 bits, the Input/ Output source can be 45/45M away.
- The HDMI cable test showed that with a resolution of 1080p/12 bits, the Input/ Output source can be 15/10 metres away. Finally the CAT6 cable test showed that with a resolution of 1080p/12bits, the Input/Output source can be 20/20M.

Compliance	Input	Output	3D	CEC	EDID	HDCP	Max.	Code
HDMI 1.3 / DVI 1.0	1x HDMI / 1x Twin CAT-6	1x HDMI / 1x Twin CAT-6	Yes	Yes	Yes	Yes	45M/8Bit or 10M/12Bit	CLUX-22HC





↓ HDMI Over Optical Fibre

COH-TX1 & COH-RX1 HDMI TO OPTICAL TRANSMITTER AND RECEIVER

COH-TX1 & COH-RX1 HDMI TO OPTICAL TRANSMITTER AND RECEIVER

HDMI over fibre provides maximum quality presentation with longer transmit distances of up to 300 metres or more and a thinner lighter cable for easy installation and placement. The HDMI signal is not compressed and is fully compatible with HDMI and HDCP. The nature of the fibre which provides high speed of data transmission and low power consumption that enhance it to be green product for the green world we're achieving.

- HDMI v1.2, HDCP and DVI compliance.
- Long distance transmission up to 300 metres or more.
- Thinner and lighter cable for better looking and easy installation.
- Faster speed of data transmission.
- Less power consumption and cost effective on cable.
- FPGA-based solution.
- Supports EDID reading and CEC function.
- Supports 720p/60, 1080i/60, 1080p/30 and 1080p/60 display resolutions.
- Support VGA/60, SVGA/60, XGA/60, SXGA/60, UXGA/60 Reduce Blanking, WUXGA60 Reduce Blanking.
- RS-232, IR Control.



Interface	Compliance	Input	Output	3D	CEC	EDID	HDCP	Max Res.	Code
Transmitter	HDMI 1.2 / DVI	HDMI	Optical FO x2	-	Yes	Yes	Yes	1080p	COH-TX1
Receiver	HDMI 1.2 / DVI	Optical FO x2	HDMI	-	Yes	Yes	Yes	1080p	COH-RX1

↓ HDMI Over Coax

HDMI OVER COAX x5

75Ω COAXIAL RGBHV

Active Connect Multimedia Transmitter and Receiver set allows distance up to 100M at 1080p/8 bit, up to 65M 12 bit, HDMI V1.3 specification. Designed to supports long distance HDMI application. Enable high bandwidth communication over loss media. Also designed to equalize and restore signals receiver over 75Ω coaxial cable. Simply connected the source to the Transmitter unit and over RGBHV coaxial cable to the Receiver unit, then HDMI output to the display.

- HDMI 1.3 and DVI 1.1 Compliant.
- New and improved colour gamut (i.e. deep colour xvYCC).
- HD audio (8 channel audio supports).
- High Resolutions from PC (640~480) to WUXGA (1920 x 1200).
- HDTV resolutions from 480i~1080P/12 bit.
- Built in Consumer electronics control (CEC).
- Supports Deep Colour.
- The RG6 type 75 Ω coaxial cables can run up to 100m.
- HDMI 5 COAX RX power setting (externally/internally).
- Supports seamless for VESA DDC, CEC and Hot Plug Detect (HPD).
- Supports xvYCC.



Interface	Compliance	Input	Output	3D	CEC	EDID	HDCP	Max.	Max Res.	Code
Transmitter	HDMI V1.3 / DVI 1.1	HDMI	RGBHV Coax x5	-	Yes	-	-	100M	1080p	CAC-TXA
Receiver	HDMI V1.3 / DVI 1.1	RGBHV Coax x5	HDMI	-	Yes	-	-	100M	1080p	CAC-RXA
TX/RX Kit	HDMI V1.3 / DVI 1.1	HDMI / RGBHV Coax x5	HDMI / RGBHV Coax x5	-	Yes	-	-	100M	1080p	CAC-TXARXA

MORE SDI DEVICES AVAILABLE !

SEE SDI FOR SINGLE COAX TRANSMISSION

Serial digital interface (SDI) is a video interface used for broadcast-grade video. Cypress have SDI format converters and matrix switches available in the new 3G standard.





↓ HDMI Boosters / Repeaters

HDMI V1.3 EQUALISER / BOOSTER

HDMI LINE POWERED

The CS-HH HDMI CDR with Equalizer can re-transmit a video signal without any loss. An extremely compact device, this system has a built-in CDR (Clock Data Recovery) equalizer that allows for long-range video transmission of Deep Colour Video. The CS-HH can also serve as an interim booster in complicated installations where dozens of devices are connected and weak signal points can occur due to the cascading of multiple layers of video. Designed to receive power from input equipment.

- Support TMDS equalizer and CDR (Clock Data Recovery) for long distance transmission
- Supports video resolutions up to 1080p@60Hz
- No power supply is required



Compliance	Input	Output	3D	CEC	EDID	HDCP	Max.	Max Res.	Code
HDMI V1.3 / DVI V1 0	HDMI	HDMI	Yes	Yes	Yes	Yes	6M/15M	1080p	CS-HH

HDMI V1.2 REPEATER

UXGA/1080p

High performance cable equalizer allows HDMI/DVI cable runs up to 50 metres. It corrects digital error and automatically provides equalization up to 40dB to compensate for cable transmission loss, it will eliminate digital noise (sparkles) to ensure you to receive perfect HDTV picture after long cable transmission.

- Fully automatic equalization up to 40 dB at 825 MHz (1.65Gbps), no system control required.
- Extend cable runs up to 40 - 50 metres from the source to the equalizer plus 10 metres from the equalizer to the projector, TV / monitor.
- Maintains high HDMI single link video resolution up to UXGA/1080p.
- Can be powered directly from the cable. However, it's recommended to use external power adaptor for long cable application.
- HDCP compliant, HDMI is backward compatible with DVI.
- Plug and play, easy to install.



Compliance	Input	Output	3D	CEC	EDID	HDCP	Max.	Max Res.	Code
HDMI V1.2 / DVI	HDMI	HDMI	-	No	-	Yes	40M/10M	1080p	CP-269HM

HDMI V1.3 REPEATER

BUILT-IN AUTOMATIC 40dB EQUALISER

This is the most advanced solution for HDMI to HDMI equalizer, and a high performance cable equalizer allows HDMI/DVI cable to run up to 40 metres. It corrects digital error and automatically provides equalization up to 40dB to compensate for cable transmission loss. It eliminates digital noise (sparkles) to ensure you the best HDTV picture quality after a long cable transmission.

- HDMI 1.3, HDCP 1.1 and DVI 1.0 compliant.
- HDCP1.1 downward compatible to HDCP1.0.
- HDCP pass through.
- Operation frequency up to 225MHz (6.75Gbps).
- Input/output resolutions:
- PC: VGA, SVGA, XGA, SXGA, UXGA up to 165MHz
- HD: 480i/576i, 480p/576p, 720p, 1080i, 1080p
- Fully automatic equalization up to 40dB at 825MHz (1.65Gbps), no system control required.
- Extend cable runs up to 40 metres from the source to the equalizer plus 10 metres from the equalizer to the projector, TV/monitor.



Compliance	Input	Output	3D	CEC	EDID	HDCP	Max.	Max Res.	Code
HDMI V1.3 / DVI 1.1	HDMI	HDMI	-	-	-	Yes	40M/10M	1080p	CLUX-11HS

HDMI V1.3 BOOSTER

10M CASCADEABLE

Compatible with HDMI v1.3 specifications, a cutting-edge technology which defines the supports to transfer Deep Colour (12 bits/colour) video and new lossless compressed (Dolby True HD, Dolby Digital Plus and DTS-HD Master Audio) digital audio, with a high bandwidth up to 225MHz. Amplifies signal and equalization, so as to provide high performance I/O of audio and video through HDMI cables for a maximum distance up to 15 metres each side at 1080p@60Hz(8bit).

- HDMI 1.3, HDCP 1.1 and DVI1.1 Compliant.
- Supports digital video formats in Deep Colour Mode at up to 36 bits (12 bits/colour) and new lossless compressed (Do by True HD, Do by Digital Plus and DTS-HD Master Audio) digital audio.
- Supports equalize and recover incoming TMDS data before re-transmitting them with optimal quality regardless of the incoming signal quality.
- Supports high definition input up to 1080p@60Hz, output resolution follows input.
- Full HDCP Compliant.
- HDMI cable distance tested with 1080p/8 bits resolution the I/O source can run up to 15/10 metres. If 1080p/12 bits the I/O source can run up to 10/10 metres.
- Supports CEC function.



Compliance	Input	Output	3D	CEC	HDCP	EDID	Max.	Max Res.	Code
HDMI V1.3 / DVI 1.1	HDMI	HDMI	-	Yes	Yes	-	15M/15M	1080p	CH-101



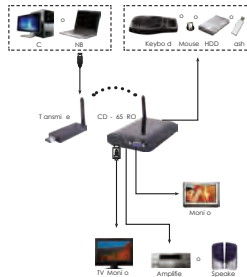
↓ **PC / KVM / HDMI Extenders**

HDMI PC WIRELESS LINK

USB TRANSMITTER TO HDMI / VGA RECEIVER KIT

Connect your PC to large TV display wirelessly. Ideal for when Internet TV viewing requires a larger screen for a more impressive experience. Hassle free plug and play solution, view any PC information on a VGA or HDMI monitor. Extra USB ports on receiver to allow connection of PC keyboard / mouse (KVM operations) next to the TV.

- Wirelessly send Audio and Video from your PC to an HDTV.
- Watch Internet TV on big screen, wirelessly.
- Worldwide Band Groups 1,3,4 and 6.
- Supports HDMI & VGA outputs.
- 16/32-bit Colour for high-quality images.
- HD resolution up to 1920 x 1080.
- Has a broadcast range of 10 metres.
- Speed up to 150MB/s.
- HDMI and RGB display connectivity.
- EDID selection with switch for VGA or HDMI output.
- Secure and easy to use.



Interface	Compliance	Input	Output	CEC	EDID	Max.	Max Res.	Code
Wireless	HDMI/VGA	USB Dongle	HDMI / VGA	-	Yes	10M	1080p	CDL-165PRO

4 PORT HDMI MULTI-DISPLAY OVER ETHERNET/USB

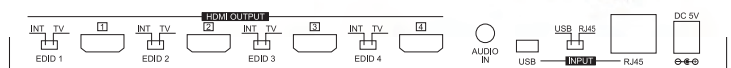
ETHERNET/USB TO 4 PORT HDMI CONVERTER

Ethernet/USB to 4 Port HDMI Converter is a networked HDMI system that allows you to display PC/ Laptop content on up to four HDMI displays. Three operation modes: LAN Mode, USB Mode and Extender Mode. The LAN Mode is useful for offices with existing networks as it allows any user who is connected to the LAN (Local Area Network) to display content on any of the four HDMI displays. The USB Mode lets a user with a PC or Laptop to display media on any of the four displays through one USB Cable. Lastly, the Extender Mode is a convenient option in any integration / installation setup by giving users the ability to extend the operating distance of a signal by up to 100 metres, over a single RJ45 cable. Selectable USB or Ethernet input. Display the same content on each output, different content on each output or you can extend an image to cover all four HDMI displays.

- Displaying content on up to 4 HDMI displays from through a networked system or directly from PC/Laptop with USB cable.
- HD resolution up to 1920 x 1080 for each HDMI output.
- Individual EDID selection with output display control.
- USB 2.0 (Hi-speed) compliant.
- Support Giga Ethernet TCP/IP protocols.
- Supports HDMI output audio with 3.5mm phone jack input.
- Extend or mirror video up to 4 HDMI displays.
- Share an HDMI display with multiple users through an existing network.



Input	Output	Code
Ethernet / USB	HDMI x4	CETH-4HDMI



USB OVER ETHERNET / IP 4-PORT EXTENDER

480Mbps HIGH-SPEED USB 2.0 SERVER

USB over Ethernet 4-Port Extender hub. Three different operation modes of operation: LAN Mode, Extender mode and a HUB Mode. The LAN Mode is useful for homes or offices with existing network infrastructure users connect to the LAN (Local Area Network) to access four USB devices. The Extender Mode is a convenient option in any integration / installation setup by giving users the ability to extend the operating distance of a USB signal by up to 100 metres over a single RJ45 cable. The HUB Mode lets consumers, when no signal extension is needed to use the 1-In-4-OUT USB HUB. For LAN mode / Extender Mode to function certain software applications and drivers (both are provided in the CD bundled) are required to be installed on the connected PCs / Laptops for them to identify and hook up with CETH-4USB unit in the same network using TCP/IP protocol. All three modes support the USB 2.0 and 1.1 protocols.

- Control up to 4 four USB devices.
- Can handle high-speed (480Mbps), full-speed (12Mbps) and low-speed (1.5Mbps) transaction (speed in the LAN Mode might be limited by the bandwidth of the network).
- Works up to 100M away (in the Extender Mode).
- Connect with existing Ethernet cable or directly to PC with RJ-45 cable.
- Compliant with USB 1.1/USB 2.0 (Hi-speed) specification.
- Support Ethernet protocols TCP/IP.
- Support 10/100/1000Mbps Ethernet speed.

Input	Output	Max.	Code
USB	RJ45 Ethernet	100M	CETH-4USB





20 MISC HOME THEATRE

20 MISC HOME THEATRE

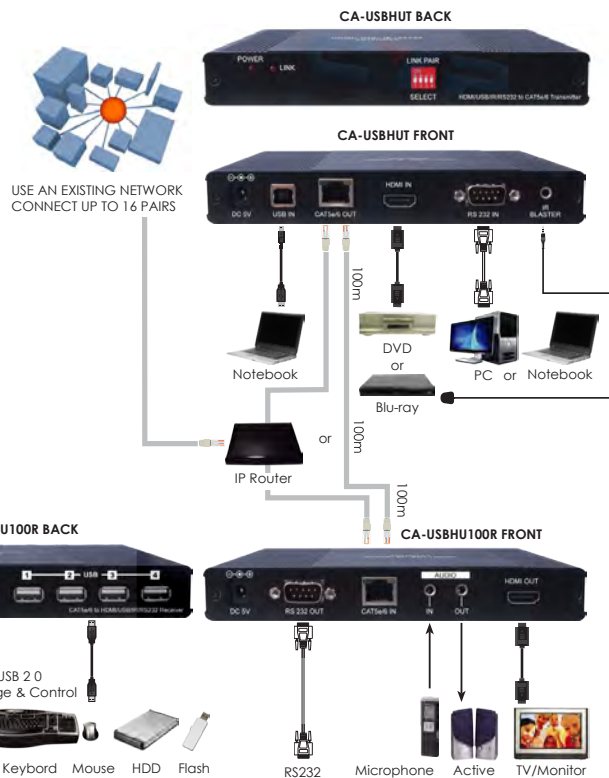
↓ PC / KVM / HDMI Extenders

HDMI & USB OVER IP

ETHERNET MULTI-MEDIA KVM TX/RX

Multi-Media LAN Transmitter and Receiver allow HDMI and/or USB host device to send and save data while offering four USB ports for other tasks. Includes extra functions such as IR, line-out and a microphone for users to enjoy controlling devices from far away and for sending audio/sound from your favorite audio devices. Connect to another device from the same family you can extend the transmission distance as far as you want without any signal loss / delay or connect with multiple pairs of the extender to set up a Local Area Network of up to 16 units/devices for data sharing among the connected sources and displays. The HDMI & USB over a CAT5e/6 transmitter and receiver box are the ideal choice for your HDMI & USB extension, data sharing and multimedia sharing needs.

- Supports data sharing over LAN cable (TCP/IP).
- HDMI v1.3, HDCP v1.1 and DVI v1.0 compliant.
- Support USB 2.0 and USB 1.1 devices.
- Operate with USB host controllers.
- True plug and play without any driver installation.
- Display and control host device and source equipment.
- Save and share data into a separate room.
- CAT5 cable distance tested up to 100 metres, connect with other units from the same family to operate over long distances or link up to 16 devices for data sharing.
- Digital display output up to 1920 x 1080@60Hz.
- Adopt visually lossless video compression algorithm.
- Automatic display mode detection.
- DDC synchronization.
- Simple set up with easy to use.
- LED indicators for easy viewing.
- Total transmission frequency 1GHz.



Interface	Compliance	Input	Output	CEC	EDID	HDCP	Max.	Max Res.	Code
Transmitter	HDMI v1.3 / USB 2.0 / 1.1 / DVI V1.0	USB-B / HDMI / IR / RS232	Cat-5e/6	-	-	Yes		1080	CA-USBHUT
Receiver	HDMI v1.3 / USB	Cat-5e/6 / 3.5mm	4x USB-A / HDMI / IR / RS232 / 3.5mm Audio	-	-	Yes	100M	1080	CA-USBHU100R

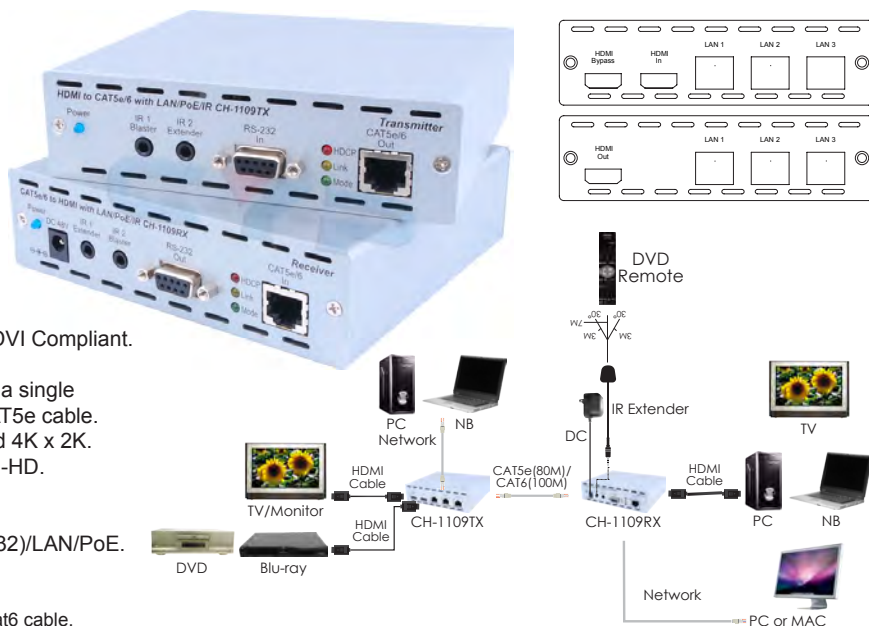
↓ IR / USB / RS-232 / Ethernet / HDMI Extenders

HDMI / IR / RS232 / ETHERNET EXTENDER OVER CAT5e/6

HDMI & IP OVER A SINGLE CAT5e/6 CABLE

Extend HDMI, IR, RS232 and also your LAN (IP/ethernet network) over a single CAT5e/CAT6 cable. HDMI loop through on Transmitter for instant display at the control point. 3 In/Out LAN ports. IR Extender/Repeater on each unit. This device allows you to extend your display to another area and also extends multimedia features.

- Household entertainment sharing and control.
- Lecture room or showroom display and control.
- HDMI 1.4 (with Audio Return Channel), HDCP & DVI Compliant.
- Supports HDCP repeater and CEC function.
- Simultaneously uncompressed data sending over a single 100M/328ft with CAT6 cable or 80M/262ft with CAT5e cable.
- Uncompressed video 1080p, 60Hz, 48bits, 3D and 4K x 2K.
- Audio support up to 7.1CH & Do by True HD, DTS-HD.
- Ethernet speed up to 100Mbps.
- Various controls over HDMI CEC, RS232 & IR.
- 5Play™ convergence: HDMI & Control (IR & RS232)/LAN/PoE.
- Installation Friendly.



Note. HDMI Extender does not use IP protocol over the Cat6 cable.

Interface	Compliance	Input	Output	3D	CEC	EDID	HDCP	Max.	Max Res.	Code
Transmitter	HDMI 1.4	1 x HDMI , 1 x HDMI Bypass, 3 x Ethernet, 1 x RS-232, 1 x IR Extender, 1 x IR Blaster	1x Cat-5e/6	Yes	Yes	-	Yes	100M	1080p	CH-1109TX
Receiver	HDMI 1.4	1x Cat-5e/6	1 x HDMI, 1 x RS-232, 3 x Ethernet, 1 x IR Extender, 1 x IR Blaster	Yes	Yes	-	Yes	100M	1080p	CH-1109RX



↓ IR / USB / RS-232 / Ethernet / HDMI Extenders

USB OVER CAT5

4 WAY USB HUB OUTPUT

With USB being the standard connection for consumer electronic products, there has long been a need for something to let us operate our many devices over long distances. The USB over CAT5/6 transmitter and receiver boxes developed for this purpose. These devices allow any USB host to send data within a 100 metre distance while offering up to 4 USB outputs, giving this product the ability to act like a USB hub. In addition, this product can also save data from the output port devices or allow remote control through the display even when there's 100 metres separating the devices. The USB over CAT5/6 transmitter and receiver boxes are the ideal choice for your USB extension needs.

- Supports USB 2.0 high-speed and USB 1.1 (full-speed, low-speed) devices.
- Operate with USB 2.0 high speed host controllers and USB 1.1 classic hosts.
- True plug and play without the need to install drivers.
- Supports all major operating systems including Windows®, MAC OS®, and Linux.
- Display or control the host device.
- CAT5 cable distance tested up to 100 metres without lag.
- Simple set up and operation.
- Each USB output port contains 500 mA of power.
- Total transmission frequency 1GHz.

Interface	Input	Output	Max.	Code
Transmitter	1x USB-B	1x Cat-5/6	100M	CA-USBAT
Receiver	Cat-5e/6	4x USB-A	100M	CA-USB100R



RS232 OVER CAT5

UP TO 250 METRES

With regular RS-232 protocol devices you are limited to an immediate area of control. The CAT5 RS-232 extender extends control to over 250 metres and gives you a tremendous amount of flexibility in how and where you control your devices. The RS-232 extender also provides full duplex transmission and hardware handshake signals, without the need for any complicated set-up procedures.

- Extends any compatible RS232 device up to 250 metres from the source to the display.
- Only one CAT5 cable.
- Perfect for digital signage.
- Simple and easy installation.
- Has a Baud Rate of: 110~921600.
- Data bit: 8 bit.

Interface	Compliance	Input	Output	Max.	Code
Transmitter	RS232	RS232	CAT5	250M	CRS-232TX
Receiver	RS232	CAT5	RS232	250M	CRS-232RX
TX/RX Kit	RS232	RS232/CAT5	CAT6/RS232	250M	CRS-232TXRX



IR OVER CAT5

REMOTE CONTROL EXTENDER

Control source equipment over long distance using CAT5 cable to extend/ repeat IR signal. Users will be able to control up to five different source devices at the same time over distance of 250 metres with existing remote controls. There is no space limitation with the devices, which means even if the source equipment are placed in a different room or different floor from the display, the performance stays the same. The IR extender and the repeater box grant users a great convenience, allow users to control and display their desired source instantly. If however, users only wish to control the sources within a room area then the IR Repeater Box will be enough to control up to 2 sources. IR Extender Box is design for long distance and extra sources control over IR Repeater Box.

- Support five(5) outputs (3 from CIR-03, 2 from CIR-12).
- Control source equipment anywhere within 250 metres.
- Transmits infrared signals only.
- It allows the use of existing remote controls.
- Only one IR Receiver is needed.
- IR Receiver's frequency is at 20~60 KHz.



Interface	Compliance	Input	Output	Max.	Code
Transmitter	IR	IR x1	CAT5 / IR x2	250M	CIR-12
Receiver	IR	CAT5	IR x3	250M	CIR-03





↓ IR Repeaters/Extenders Over RF Wireless

IR TO RF CONVERTER

UPGRADE ANY REMOTE TO WIRELESS

Wireless uses radio frequency. This eliminates limitations associated with line-of-site. You can now use the remote anywhere in the house! To modify your existing remote is as simple as changing the batteries. Works on most units. RF Receiver module then sends the IR signal to your equipment. The RF Transmitter is built into a rechargeable AAA battery. You simply insert this into your remote control & presto! Kit includes AAA transmitter, AA adaptor, receiver module, etc.

Code
IR2RF

www.wescomponents.com/ir2rf

SYSTEM IS EXPANDABLE

System is expandable with the following

Code	Description
IR2RFST	Extra transmitter
IR2RF3E	Extra emitters x3
IR2RF6E	Extra emitters x6



NEW! CONVERT ANY REMOTE INTO WIRELESS

RF Remotes work through walls with no line-of-site limitations.

WIRELESS REMOTE CONTROL EXTENDER

NO WIRES REQUIRED!

Converts Infra-Red signals into Radio and transmits them through walls and ceilings to control units in another room. Excellent solution for the spare tele in the bed room. Use with a distribution setup and one entertainment system. Dont buy an extra VCR or DVD, dont hire an extra CTV box, control your DVD and Cable-TV from the comfort of your bed or any other room in the house. Kit includes one transmitter and one receiver, with power packs.

Code
IR300

DIGITAL VERSION

Better signal stability that is Foxtel compatible. Includes 3x extender LEDs.

Code
DIR300



Place in the Secondary room and position to pick up the remotes signal

Receiver Place next to equipment or aim the IR module

WIRELESS REMOTE CONTROL EXTENDER

EXPANDABLE to up to FOUR UNITS

One Audio Visual Entertainment System; Remote controlled from other rooms!

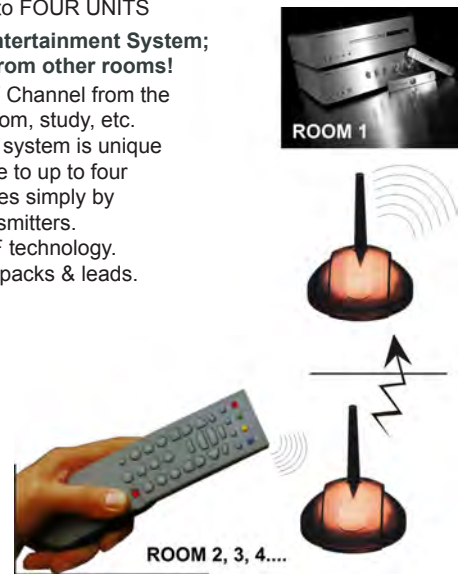
Change the Cable TV Channel from the comfort of your bedroom, study, etc. This remote extender system is unique in that it is expandable to up to four additional control zones simply by purchasing extra transmitters. Channel switching RF technology. Price includes power-packs & leads.

EXTENDER KIT
RX & TX units pair.
With power Packs.

Code
IRX550

TRANSMITTERS
Additional TX units.
Includes power pack.

Code
IRX400

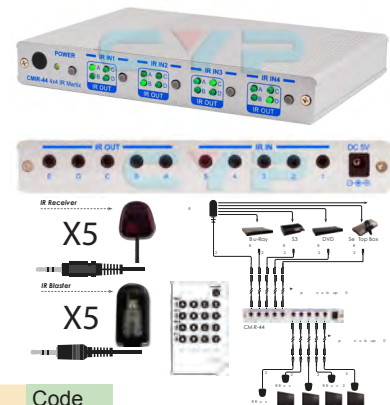


4 BY 4 INFRARED MATRIX

4 BY 4 INFRARED MATRIX

The Infrared 4 by 4 Matrix is designed to control your source devices from beside your display/receiver. Using the original remote, you can control DVD/Blu Ray players, satellite and set-top-boxes and with a cross matrix design this device gives anyone the ability to send infrared signals from anywhere, any place. When used with an HDMI/converter matrix, this brilliant product will allow you to freely manage your sources and displays. Simply place the IR receiver near the display and put the IR blaster in a position so that all devices will be able to function properly, even when they are hidden in a cabinet or placed far away.

Supports independent IR receiver and IR blaster selection and control
This device does not send audio/video signals, it only transmits and receives infra-red signals to control equipment that is far away, using IR extender cables.
Supports a frequency of 20KHz ~ 70KHz.
Use your existing remote controls.



Interface	Compliance	3D	Input	Output	CEC	EDID	Cascade	Max Res.	Chassis	Description	Code
IR	-	-	4	4	-	-	Yes	-	Metal	Matrix 4 by 4 Infrared	CMIR-44



→ IR Repeaters Over Cat-5

↓ Prolink Series

REMOTE-CONTROL REPEATER

INFRA-RED IN A CABINET

Hide electronic equipment away from view !
 Attractive modern solution for multi-media
 Professional quality installation solution New and improved model at a lower price! IR Receiver is mounted outside the cabinet IR Repeater is inside with the equipment System is expandable to extra IR receivers Even extend control into multiple rooms!

FOXTEL COMPATIBLE

All items are multiple system compatible and will repeat the IR signal from a majority of equipment manufacturers. This makes the system able to repeat the remote control signals of any DVD player, Home theatre system receiver, etc.

Foxtel Box

IR Bandwidth is 30KHz to 100KHz so is also suitable for Digital TV & iQ, etc.

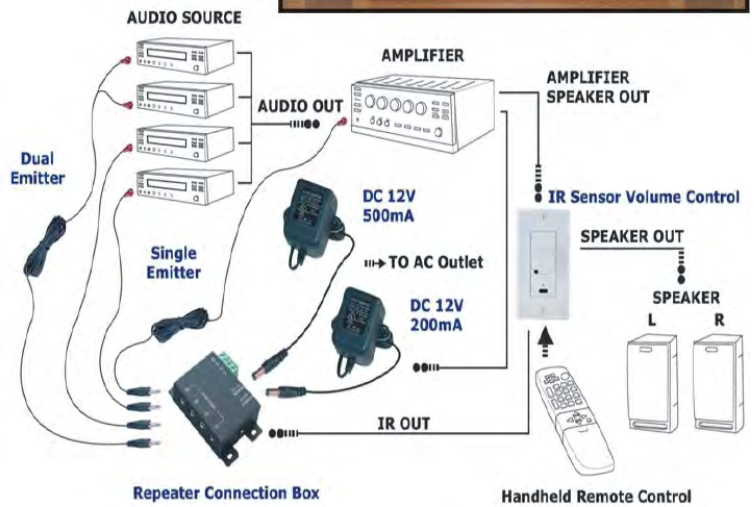
STATUS INDICATOR

OPTIONAL Requires 12V Power Pack The RPT1041 has a 2.1mm socket connection This can be connected to a 12Vdc trigger or an optional 12Vdc powerpack connected to the amplifiers mains switched output. This allows the Optional remote Wall Plates to indicate via their reception LEDs that the main system is powered-up and ready. Optional power pack for this feature:

Code	Voltage
DCA200-12P	12Vdc

SINGLE CABINET
OR

MULTI-ROOM SETUP



REPEATER MODULE

IR CENTER PORT (ONLY)

Device for connecting the IR receivers, Power supplies and IR emitters together. Four 3.5mm connections for IR Emitters and 2.1mm for 12Vdc power in (required). Powered IR Receiver connections are screw so multiple IR Receivers can be wired parallel 62x55x23mm Metal box requires power, etc.



Code	RPT1041
------	---------

IR RECEIVER

WALL PLATE

Optional IR Receiver module Standard wall plate mounting IR window & reception indicator Three wire screw terminal for Cable run up to 300 meters away Connects to the PT1041 module White 115x70x15mm



Code	IRP3099
------	---------

IR TRANSMITTERS

IR DIODES Single or paired

Mini IR Transmitter diodes For placing near the equipment You wish to control with IR. 2 meter flex ble black cable 3.5mm plugs to suit RPT1041



Code	IEC3501B
	IEC3502B

IR RECEIVER + VOLUME

WALL PLATE 8Ω ATTENUATOR

115x70x70mm wall plate mounting IR window & reception indicator Requires RPT1041, cable, etc. With 12 position attenuator knob Adjusts Stereo 8Ω speaker lines Includes impedance matching for running multiple speakers too.



Code	VC1218
------	--------

KIT COMPLETE

STARTER PACK

All you need for a simple install A basic in cabinet solution RPT1041 Connection box with Three IR Transmitter Diodes An Infra-red receiver block and a 240Vac to 12Vdc P-Pack Optional extras available above



Code	IR-KIT
------	--------

IR RECEIVER

FLUSH BULLET EYE 45x12mmØ

Mounts flush into a 1/2" hole Mounts into the RPT1041 module Three wire cable 3 meters long



Code	IRT3099
------	---------

REPLACEMENT EYE 50x10mm²

2M wire to IR Receiver Black



Code	IRC3099B06BK
------	--------------



→ Audio/Video Over CAT5

TWISTED PAIR VIDEO TRANSMISSION

COMPOSITE VIDEO OVER CAT5
To compliment the advancement of CCTV technology, an economical, long distance, low noise method of camera cable transmission is necessary. Utilising the low cost Cat5 type Twisted-Pair cabling system offers an economical installation solution of quality and distances of as high as 1½Km! An ideal solution due to the high noise rejection and low crosstalk makes this suitable for most installations including the home, office, factory, concrete or steel.

CABLE MUST BE UNSHIELDED TWISTED PAIR. 24g16AWG less than 18Ω/100M(DC) 50pF/M



PASSIVE TRANSCIEVER PAIR

GOOD FOR UPTO 300M
No power required
Requires 24 AWG or larger gauge Twisted pair cable In/Out
Normal TV Composite video BNC Sockets
I/O DC-6MHz 1V 75Ω
60dB S/N 300M Just add cable Twisted-pair Only. Transmitter & Receiver supplied



Code
VB101

ACTIVE TRANSCIEVER PAIR

GOOD FOR UP TO 800M
This kind of transferring method has lots of advantages such as convenient wiring, low-cost cable simple install, high reliability, anti-interference low noise Distance EQ switches for tuning. BNC 1Vpp Video In. BW is 6MHz Requires twisted pair cable.

Code
VB201

REQUIRES POWER x2
Power can be sent via 2nd cable
12Vdc or 24Vac can be used:

Code
DCA500-12PM



ACTIVE TRANSCIEVER PAIR EXTRA-LONG

GOOD FOR UP TO 1500M
With the addition of an active receiver to the active transmitter, incredible distances are achieved. Low cross talk. High noise rejection. Excellent performance to cost ratio. Earth connection for lightning safety. Suit general composite colour video. Requires 24Vac or 12Vdc at BOTH ends. Requires Twisted-Pair (Cat5) Cable. BNC I/O 1Vpp 75Ω DC→6MHz Bandwidth. KIT includes a Transmitter & Receiver.

Code
VB202



REQUIRES POWER X2 (See above) Power can be transmitted through the cable.

PASSIVE RECEIVER PAIR CAT-5

DIRECT PLUG CAT-5 GOOD FOR 200 METERS
Converts standard composite video into a balanced signal for transmission along common twisted pair cables (CAT5/6 RJ45). Colour video 200M+ and B&W Video 300M+. Converts Video (BNC male) to Balanced signal (RJ45) for twisted pair runs. 2 Required for Transmit & Receive (1 at each end).

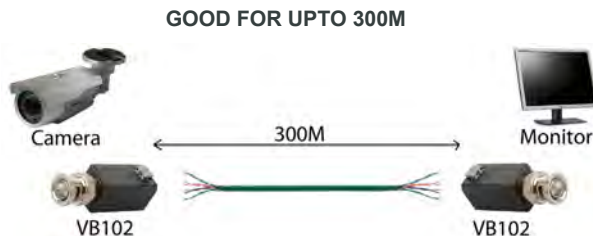
SOLD EACH TWO ARE REQUIRED
One for Send and One for receive.

Code
VB860



CCTV PASSIVE TRANSCIEVER VIDEO BALUN

Composite video BNC Sockets. DC-6MHz 1V 75Ω, 60dB up to 300M. ABS fire retardant plastic. No power required. Requires 24 AWG or larger gauge Twisted pair cable such as CAT5 or CAT6. Can be used as Transmitter/Receiver. Installed directly to the camera video out put.



Baluns are sold individually. 2pcs required, One for transmitter and one for receiver. All three models are interchangeable with each other.

MINI-FAST CONNECTION PASSIVE TRANSCIEVER

BNC male with Spring compression terminals, easy to connect or disconnect

Code
VB102



FAST CONNECTION WITH MINI-COAX PIGTAIL

Male BNC with extended 175mm pigtail. Spring compression wire terminal reduces wiring time.

Code
VB103



SCREW TERMINATION PASSIVE TRANSCIEVER

Male BNC with extended 175mm pigtail. Screw terminal.

Code
VB100





→ Audio/Video Over CAT5

VIDEO BALUNS PASSIVE

RUN VIDEO UP TO 400M

Passive balun technology to transmit colour composite video signal over twisted-pair cable up to an amazing 400 Metres!
Boost this range up to 900 Metres by using the active receiver option. Easy & quick. Installs directly to the camera video output. 2 required. Sender/Receiver.

Type	Code
Straight	VB104LG
Right Angle	VB104SH
Pig Tail	VB105

Two pieces required. Requires twisted pair type cable (eg. CAT5e)



VIDEO BALUNS ACTIVE

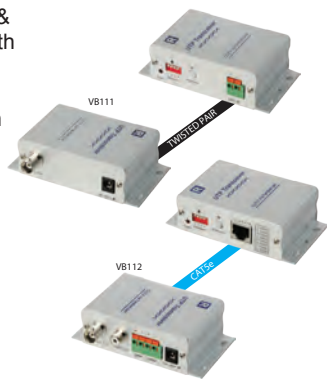
Receiver is compatible with VB104 & VB105 to extend to 900M or use both active transmitter and receiver to accomplish up to 1200M with 6MHz video bandwidth. Also available with optional RS485 control wires.

Type	Code
Transmitter	VB111TX
Receiver	VB111RX

WITH OPTIONAL AUDIO & RS485

Type	Code
Transmitter	VB112TX
Receiver	VB112RX

Two pieces required. Requires twisted pair type cable (eg. CAT5e)



16 CHANNEL PASSIVE TRANSRECEIVER

TRANSMIT OR RECEIVE VIDEO UP TO 400M

Receive / Transmit 16 video signals over UTP cable. 400M Distance. Connects via either CAT5e RJ45 cables (x4) to VB109 or another VB110 or individual screw terminal pairs for each to twisted pair cables for VB104 and VB105. Size 1U 44x180x430mm (Brackets included) 16 Channels BNC Female in/out.

Description	Code
16CH RX/TX	VB110



4 CHANNEL PASSIVE TRANSRECEIVER

UP TO 400M OVER CAT5

Receive / Transmit video signals over UTP cable with out using power supply. Metal cased 103x70x30mm.

Code
VB109

Two required for each end. Further details see Section 21 for Balun range over 1KM !



MULTI-CHANNEL VIDEO BALUN

4 WAY BNC [CVBS] ON ONE CAT5

4CH Send/Receive in one box (2x req.) Uses bare wire terminated CAT5 cable Requires a second box at other end Or run individually to each camera with our compatible VB101 Baluns No cable supplied (200M max.)

Code
VB9252



STEREO AUDIO/VIDEO OVER CAT5

WITH REMOTE POWER

Composite video balun with stereo audio RCA input and outputs. Used in pairs to send/receive signals. Remote power feature makes this balun ideal for security systems as one UTP cable can be installed to the camera for video signal and power. Sold in Send / Receiver Pairs. Distance Colour: 550m Cat5e to 8Mhz Distance B&W: 700m Cat5e to 8Mhz Suits Standard resolution video Power thru for CCTV cameras, etc. Requires CAT5e twisted pair cable

Code
RL-BV100



COMPONENT VIDEO & DIGITAL AUDIO EXTENDER

VIDEO & AUDIO UP TO 300 METRES

Allows you to greatly extend your cable range using conventional Cat 5e cable, enabling you to lengthen the propagation distance or pipe your A/V signals over conventional network cable runs. Transmission distance over Cat 5e/6 UTP: 480p: Up to 100m 720p: Up to 75m 1080i: Up to 50m Includes Coax Audio too RCA-RCA Digital Audio Two required for send/receive

Code
VB3684

REQUIRES CAT5 CABLES



CCTV OVER CAT5 VIDEO BALUN

WITH POWER OVER CAT5

Extend Video signals & Power over a single CAT5/6 cable. Sold in pairs (Transmitter & Receiver) RJ45 socket for Cat-5/6 cable BNC and 2.1mm DC connections. Size 43x20x21mm. Up to 100M distance. CAT5/6 Cable required.

Code
VB106

Further details see Section 21 for Balun range over 1KM !





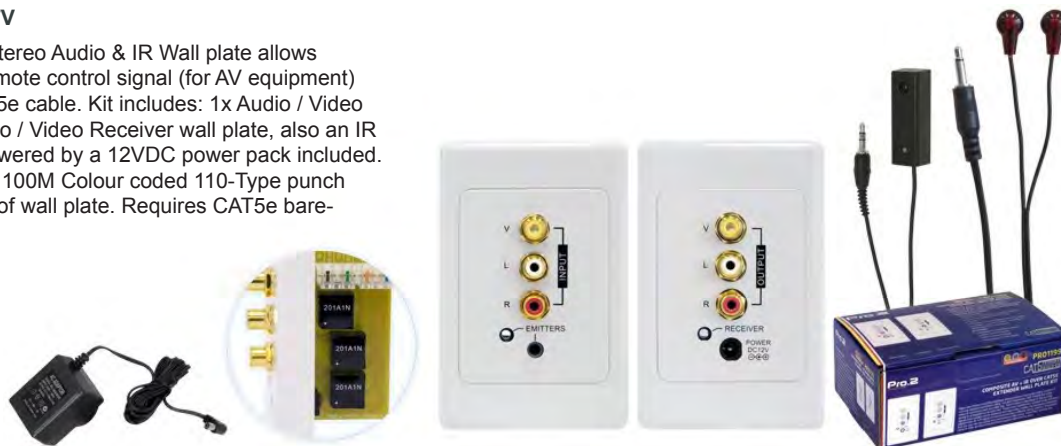
COMPOSITE VIDEO WITH REMOTE CONTROL

WALL PLATE BALUN FOR TV

Send Composite Video with Stereo Audio & IR Wall plate allows you to send A/V signal and remote control signal (for AV equipment) over long distances using Cat5e cable. Kit includes: 1x Audio / Video Transmitter wall plate, 1x Audio / Video Receiver wall plate, also an IR receiver and Dual emitters Powered by a 12VDC power pack included. Good quality (SD) video up to 100M Colour coded 110-Type punch down for Cat5e cable on rear of wall plate. Requires CAT5e bare-ended cable

SOLD AS A KIT

Code
PRO1199



COMPONENT VIDEO WITH REMOTE CONTROL OVER CAT5

WALL BLATE BALUN FOR HD-TV KIT PAIR

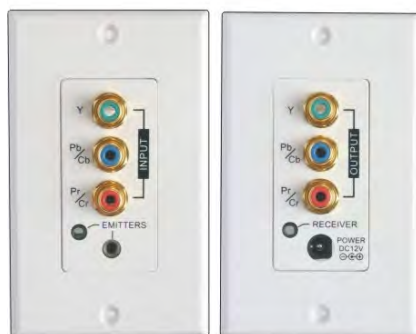
Component Video (3x RCA) w/ IR (No Audio) Wall plate allows you to send video signal and remote control signal (for AV equipment) over long distances using Cat5e cable. 480p 100M distance, 720p 75M distance. 1080i 50M distance. Colour coded IDC 3x Female RCA Video (Y/Pb/Pr or RGB) Impedance: 100 Ohm Unbalanced. Colour coded 110-Type punch down for Cat5e cable on rear of wall plate.

Kit includes:

- 1x Component video transmitter wall plate,
- 1x Receiver wall pte,
- IR receiver and Dual emitter,
- 12VDC 200mA power pack.

SOLD IN PAIRS

Code
PRO1200



COMPONENT VIDEO & AUDIO WITH REMOTE CONTROL

WALL PLATE BALUN FOR HD-TV COMPLETE

Component Video (3xRCA) & Digital Audio (Coax) Plus Composite Video (1xRCA) and Stereo Audio. Wall plate allows you to send A/V signals and remote control signal (for AV equipment) over long distances using Cat5e cable. Kit includes 1x Audio / Video Transmitter wall plate 1x Audio / Video Receiver wall pte, Also IR receiver and Dual emitter, 12VDC 200mA power pack. 480p 100M distance, 720p 75M distance. 1080i 50M distance. Colour coded IDC RJ45 Ports for quick setup (2x2) Cat5e cable is required.

SOLD IN PAIRS

Code
PRO1254



WALL PLATE AUDIO/VIDEO OVER CAT5

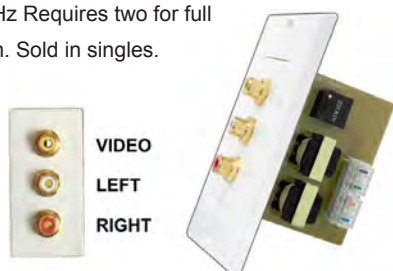
INBUILT AV BALUN RCA-CAT5e

RCA AV Wallplate with Built-in passive Cat5e extender allows you to extend your AV signal to another room using one Cat5e cable to up to 100M distance away. Colour coded IDC contacts for punch tool insertion. 1x RCA Composite Video (or digital audio) 2x RCA Stereo Audio Video: 100 Ohm unbalanced 12MHz Audio: 600 Ohm unbalanced 50Hz-15KHz Requires two for full

installation One in each room. Sold in singles.

TWO REQUIRED

Code
PRO1177



ADDITIONAL ACCESSORIES

SEND & RECEIVE KIT

3.5mm plug. Suit PRO1200, PRO1199, PRO1254

Description	Cord	Code
Single IR Transmitter	3M	PRO1141
Dual IR Transmitter	3M	PRO1142
IR Receiver Unit	3M	PRO1178A





→ Resi-Linx

LINX-AV BALUN & MATRIX AV RANGE

BALUN EXTENDERS & SWITCHES

This range offers stand-alone Stereo Audio or Digital Audio, Composite or Component Video solutions for AV Distribution.

CAT5 ETHERNET UTP LEADS

Achieve distances up to 300M Leads Required. Not Supplied. See section 16 for CAT5 leads.

CONNECTION CABLES

Each system requires leads See Section 08 for leads...

POINT-TO-POINT BALUNS

COMPOSITE AV SDTV

Send colour up to 300M CAT5e to 8MHz bandwidth 1x RCA Composite video 2x RCA Stereo audio & optional power send via DC 2.1mm connector Bonus DC Lead Included Suits CCTV Cameras or Standard Definition Video distribution.

Code RL-BV100



IR OPTIONS

ADD REMOTE FUNCTION

Optional IR Repeater function requires the following parts:

IR TARGET

Each zone requires a receiver

Code RL-BV500

IR EMITTERS

Base requires IR LED repeaters

Code Type

RL-IR700 Single

RL-IR800 Double



POINT-TO-POINT BALUNS

COMPONENT AV HDTV

Send colour up to 100M CAT5e to 1GHz bandwidth 3x RCA Composite video 1x RCA Digital audio Suits High Definition Video distribution Requires connection leads and CAT5e lead

Code RL-BV200



POINT-TO-POINT TRANSMITTER

COMPOSITE AV TO FOUR

Send SDTV up to 100M to four separate zones 2x RCA Stereo audio & 1x RCA Composite video with feed-thru sockets IR emitter for optional remote extension function Outputs to 4X CAT5e to send to 4 receivers (Sold separately)

Code RL-BV140A



POINT-TO-POINT TRANSMITTER

COMPONENT AV TO FOUR

Send HDTV up to 100M CAT5e to 1GHz bandwidth 1x RCA Digital Audio & 1x 3.5mm Stereo Audio 3x RCA Component Video with feed-thru sockets and IR emitter option Outputs to 8X CAT5e to send to 4 receivers (Sold separately)

Code RL-BV240A



POINT-TO-POINT RECEIVER

COMPOSITE AV SDTV

Receiver unit required by the RLBV140A (4 way) or the RLBV1000 (8 way) Receives CAT5e lead to 1x RCA Composite video 2x RCA Stereo audio out supplies a zone with Standard Definition AV Optional IR Target required Requires RCA & CAT5e Leads

Code RL-BV150B



POINT-TO-POINT RECEIVER

COMPONENT AV HDTV

Receiver unit required by the RLBV240A (4 way) or the RLBV2000 (8 way) Receives CAT5e leads to 3x RCA Component video Stereo and Digital audio supplies a zone with High Definition AV & HDTV Optional IR Target required Requires CAT5e & AV Leads

Code RL-BV250B



MATRIX SWITCH TRANSMITTER

4-IN/8-OUT COMPOSITE

SD AV Distribution system Each of the 8 zones can select between 4 sources and control each by remote. 1x RCA Composite Video (x4) 1x 3.5mm Stereo Audio (x4) Outputs to 8x CAT5e cables Each zone requires RLBV150B Requires connection leads and IR Emitters RLIR700

Code RL-BV1000



MATRIX SWITCH TRANSMITTER

4-IN/8-OUT COMPONENT

HD AV Distribution system Each of the 8 zones can select between 4 sources and control each by remote. 3x RCA Composite Video (x4) 1x 3.5mm Stereo Audio (x4) Outputs CAT5e cable pair to each zone requires RLBV250B Requires connection leads and IR Emitters RLIR700

Code RL-BV2000





20 MISC HOME THEATRE

20 MISC HOME THEATRE

RESI-LINX MULTI ROOM AUDIO

SEND STEREO HI-FI OVER CAT5

Multi Room UTP Audio System allows occupants to listen to their desired music source from different speaker zones throughout the home or office. Each zone wall-plate is amplified and includes a remote control for source-select and volume control.

INCLUDES IR REPEATER SYSTEM

Integrated remote control repeater so as to control your music source from each of the multiple zones.



RL-MRA310 AUDIO DISTRIBUTION MODULE

4 SOURCE MATRIX SWITCH

Converts Line Level Audio for transmission over CAT5 cable. Accepts inputs via 3.5mm jack or remote input module MRA450. Outputs to four zones MRA210 and each wall-plate can select any of the four audio inputs. Built-in IR repeater function. Includes mains power source Unit Only. Requires leads, etc.



Code RL-MRA310

RL-MRA210 ZONE CONTROL PLATE

AMPLIFIED WITH VOLUME & REMOTE

Zone area control panel for MRA310 Converts CAT5 Stereo Audio Signal Standard size wall plate white fascia Source select button & indicator LEDs Volume control with digital display Remote control for source/volume/tone Inbuilt 12W Stereo amplifier for directly connecting to local speakers. Remote or local powered. 24V@1A Inbuilt IR Target for remote repeater



Code RL-MRA210

WALL PLATE AUDIO-IN LOCAL

CAT5 THRU - 3.5mm INJECT

In-Line style Local Input Inject Module adds an additional source to the local Zone Volume Control by overriding the system sources by plugging 3.5mm input. IR Emitter port for control of local device.



Code RL-MRA410

WALL PLATE AUDIO IN EXPANSION

BACK TO BASE AUDIO INPUT

Wall plate Audio Input Module Connects Audio Source/s to the Audio Distribution Module from a remote location. Converts Audio line level signal to balanced electrical signals for transmission along UTP-CAT5e cable. IR Return Emitter Outputs for the local control of audio equipment across the distribution network.



Code RL-MRA450

UTP CABLE TO SUIT

CAT5e LEADS SEE SECTION 16

RL-MRA310 requires RJ45 Plugs RL-MRA210/410/450 are bare wire Thus you can either use CAT5e cable with RJ45 (Cut one end) or raw CAT5e cable (add Plug) Various CAT5e Lengths available From 50cm to 20M terminated or CAT5e cable or 100M/300M reels Too many to list here! Please enquire



See section 16...

POWER SUPPLY

RL-MRA310 REPLACEMENT

RL-MRA310 has a power supply included already. This is its genuine resi-linx spare part. 24Vdc 3.75A (90W)

Code RL-MRA500



POWER DISTRIBUTION

RL-MRA310 distributes 24Vdc 1A per zone via a separate line cable (not the CAT5). Optionally you can supply power directly to each RL-MRA210 separately. 24V@1A ea.

WALL PLATE FACIAS

CHANGE COLOUR

RL-MRA210 comes in white Removeable face plate can be updated to other options

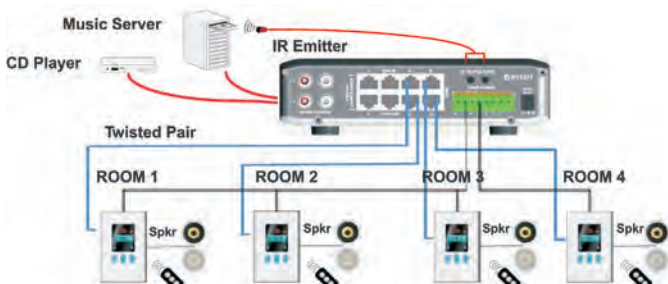
Code RL-MRA2B RL-MRA2S
Colour BLACK SILVER



JUST ADD SPEAKERS!

resi-linx Kevlar*

Flush mount ceiling or wall White coated aluminium grills Indoor attractive styling Outdoor weather resistant Mounted under eaves, etc. *Kevlar cone technology for long listing high-fidelity and Efficient sensitivity Quality dynamic dome tweeter & 24dB Electronic crossovers.





LINX-IR MULTI-ROOM IR SYSTEM

STAND-ALONE REPEATER

resi-linx hard-wired IR remote control extender with distribution hub to multiple zones for controlling centralised Infra-red remote control devices. Utilises common CAT5 UTP RJ45 Type Cable



WITH DISCRETE CONTROL

Unique control of specific devices to certain zone/s

IR DISTRIBUTION MODULE

RL-IR305

Remote control central Outputs emitter ports to Discrete IR Channel A Discrete IR Channel B or the common channel. Seven 3.5mm connections Includes power supply



Code RL-IR305

IR SINGLE EMITTER

RL-IR700

Plugs into IR305 and emits the IR Signal to equipment Single LED on a 1.75M lead to a 3.5mm plug

Code RL-IR700



IR DOUBLE EMITTER

RL-IR800

Plugs into IR305 and emits the IR Signal to equipment Two LEDs on separate 1.75M leads to a single 3.5mm plug

Code RL-IR800



IR RECEIVER TARGET

RL-IR505

IR receiver module and flat target. Sends IR signals via CAT5 UTP cable back to the IR305. Up to 60 meters requires cable

Code RL-IR505



OPTIONAL MOUNT

Code RL-ACC150

IR SHARED EMITTER

RL-IR900 COMBINER

Single head emitter Shares two signals to control one unit. Ideal for expanded systems using other resi-linx IR lines. eg. Two IR300's or share an IR300 with linx-AV, linx-RF, etc. 2x 1.7M to 3.5mm plugs

Code RLIR900

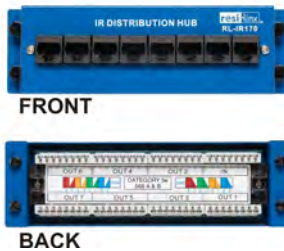


IR DISTRIBUTION HUB

RL-IR170

Connects to IR505 and Distributes UTP cable in a radiating pattern to multiple zones for the linx-IR system. Connect either via IDC terminals or RJ45 Eight connections in total, one to seven.

Code RL-IR170



LINX-IR FLUSH TARGET

RECEIVER OPTION

Where installations require a flush mount IR Target receiver module for discrete low-profile mounting. Compatible with both IR305 and IR100 units. Includes 2M cable. Extend up to 60M

Code RL-IR600



LINX-IR KIT

RL-IR100

Stand alone IR kit Three resi-linx parts Includes mini module with direct connect IR flat target and one dual emitter set Ideal for equipment behind a cabinet, etc. Extends up-to 50 metres Blister resale pack.

Code RL-IR100



FOXTEL® COMPATIBLE

FOXTEL® APPROVED

resi-linx equipment is compatible with most audio-visual equipment.

PLASMA FRIENDLY

Superior performance resi-linx® excellence for reliable operation in professional installations.





→ Linx-Audio Bluetooth Systems

LINX-AUDIO BLUETOOTH SYSTEMS

resi-linx 'linx-Audio' Bluetooth range of products allow you to wirelessly stream audio from your portable device (iTouch, iPhone, iPad etc.) around your home or business with ease. Receiver modules allow connection to any audio source simply via 3.5mm connection.

Quality audio listening through your AV audio system and speakers or installed system using RL-BT100 Central receiver amplifier unit.

- no messy cables tying you down
- personalise your ID to easily identify zones eg. kitchen, outdoor etc..



LINX-AUDIO BLUETOOTH RL-BT110

"resi-linx" Mini Bluetooth Audio Receiver Module Kit. c/w Power Supply. Blister packed for POS display. Range up to 15m.

Code
RL-BT110



LINX-AUDIO BLUETOOTH RECIEVER

"resi-linx" Professional Bluetooth Audio Receiver Bluetooth Receiver Module. c/w Bluetooth Antenna and Power Supply. Range up to 25m

Code
RL-BT120



LINX-AUDIO BLUETOOTH CENTRE

50W RMS per channel Class D Amplifier with built-in Bluetooth Receiver and High Gain Bluetooth Antenna. Up to 25m range. Play and control your music wirelessly in single or multiple zones. 1:1 connectivity ensuring stable connection, minimising dropouts Works with iPod Touch (2nd G), iPhone, iPad and other Bluetooth enabled audio transmitters. Optional analogue line level input via UTP and Figure 8 connection to global source RL-BT430 Input Module. Personalise label (via PC) to easily identify each zone for pairing with BT device.

TIM module (surface mounted) enables IR control of local amplifier functions and shows pairing and power status (TIM included). Can also provide IR control of source connected to the RL-BT430 via RLIR700/800 emitters. Expand via UTP connection to another RL-BT100. Supplied with 240V 3.75 Amp power supply, TIM module (2.7m cable) and remote control.

Code
RL-BT100



WALL PLATE INTERFACE

"resi-linx" Single Input Module for Bluetooth System. Use to send an Audio Source to the RL-BT100 Amplifier.

Code
RL-BT430



→ Audio Converters

DAI-CH1 BLUETOOTH 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
Including Resi-Linx range of receivers.
Rechargeable. Fits iPods, MP3, etc.
Built-in microphone. Push-button exchange.
71x24x17mm to 3.5mm Plug.

Code
DC-8BT

DC8BT



DAI-CH1 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 DC-8BT transmitter.
Receives Bluetooth A2DP Stereo Outputs to a 3.5mm Stereo socket.
Connection leads are required.
Deluxe Black cabinet.
90x80x30mm.

Code
DC5BT

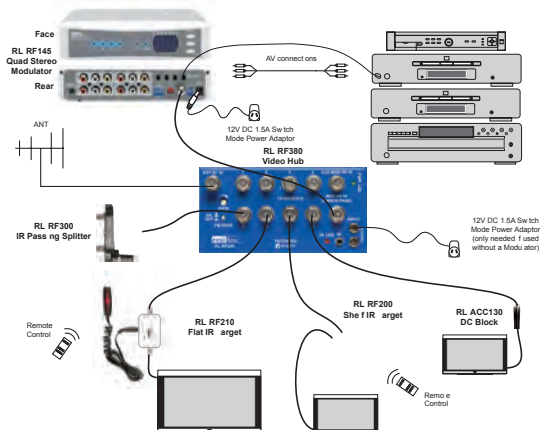




Linx-RF VIDEO DISTRIBUTION

WITH IR CONTROL

Watch and control AV Devices from multiple TVs around the home, office, accommodation, etc. Modulators to inject AV signals Hubs to distribute to zones Optional remote control Combine resi-linx accessories to achieve return to base remote controlling options



SINGLE VIDEO MODULATOR

UHF TRANSMITTER MONO

Converts video and audio into RF for distribution. Outputs 470MHz-820MHz. Digital PLL ± 25 KHz. Push button CH select. No IR. AV Leads included.

Code RL-RF100



SINGLE VIDEO MODULATOR

DELUXE STEREO UHF

Convert AV distribution 470MHz-820MHz RF Output with gain control 85dBuV True Stereo Audio (A2) AU/NZ System Select Loop through RCA IR Emitter option

Code RL-RF115



QUAD VIDEO MODULATOR

DELUXE STEREO UHF

Accepts Four AV Inputs Modulates to 4x Channels UHF 470MHz-820MHz RF Out 4x signals simultaneously Input confirm indicators True Stereo Audio (A2) IR Emitter option

Code RL-RF145



RF DISTRIBUTION HUB

COMBINER-DIVIDER

Mix the outdoor antenna with the RLRF Modulator input RF signals together Then amplify (gain adj.) Splits mix RF signal into Eight outputs distribution Optional IR Emitter output

Code RL-RF380



OPTIONAL IR RETURN

REMOTE CONTROL EXTENDER

resi-linx distribution system offers the option of IR return Remote control distribution. With the simple addition of the following accessories, expand your system to include remote control of the AV devices that you are broadcasting. No extra cabling required. Uses the RF.



IR TARGET

IR RECEIVER

Remote control extending. To be placed in TV's coax at each distributed zone. Receives IR signal & sends it back to the modulator Two styles available

Code RL-RF210



DC BLOCKER

IF NO IR TARGET USED

resi-linx system utilises remote power sent along the coax cable for ease of Target installation. If an IR Target is not used, this voltage will need to be blocked by:

Code RL-ACC130



IR EMITTERS

IR DIODES

Plugs into the modulators to re-emit IR remote control signal to the AV equipment. 3.5mm plug. 1.7M lead Combine 2 systems to 1 emitter

Type	Code
Single	RL-IR700
Double	RL-IR800
Share	RL-IR900



IR MOUNTINGS

TARGET HOLDER

Right-angle hold of RLRF210 IR Target

Code RL-ACC150

EMITTER SHIELD

Cup holds IR emitters direct to equipment

Code RL-ACC160



RF DISTRIBUTION SPLITTER

ANTENNAE DIVIDER

Extends RF380 outputs Increase installation wiring options, etc. Allows IR Return path and power send, etc. Low-Loss wideband

Code RL-RF310





→ IR Repeaters/Extenders Over RF Wireless

WIRELESS AUDIO/VIDEO SENDER

WITH REMOTE CONTROL EXTENDER

Want to watch Pay-TV from anywhere in the house?
 Want to broadcast music or a movie house wide?
 Want to control the devices by their remotes?
 Compact unit transmits video RCA/S-Video & Stereo audio, virtually interference free, up to 100M between transmitter and receiver!
 2.4GHz Radio technology with directional antennae for excellent picture stability. This system is expandable to up to four zones using separate RX/TX systems in close proximity and as many receiver units as desired (RX2471). All units have an IR remote extender feature for controlling the AV source at the transmitter. Includes power-packs, connecting leads, etc.

TR/RX KIT

Transmitter & Receiver
 Units Power & Leads.

Code
 TR-2470

EXTRA RECEIVERS

RX Unit, Power & Leads.

Code
 RX2471



...to another!



From one room....



RCA or S-Video
 Send Video High-Quality Up to 100M



Built-In Remote Control Sender



FOXTEL™ DIGITAL PACE BOX EXTENDER

PACE DIGITAL SET TOP BOX FOXTEL REMOTE VERSION

A unique remote control frequency is used for the "PACE" brand of Foxtel Digital™ box and is therefore NOT compatible with our standard TR2470 A-V extender system. A special version has been developed that is now compatible with this unique remote. All other features are standard (TR2470).

TX & RX KIT

Code
 TR2470-40

EXTRA RECEIVERS

Code
 RX2471-40



"PACE" Compatible

Kit Includes
 TWO Units
 (TX-RX)



Expandable
 Max. 4 Receivers



Up-To 100ft
 Hi-Res Pictures
 Stereo Audio

Includes TWO units.
 Expand system with
 additional Receivers

Built-In 40KHz
 Remote Control
 Sender



5.8GHZ WIRELESS AUDIO/VIDEO SENDER

NEW 5.8GHz TECHNOLOGY
 CRYSTAL CLEAR VIDEO
 HIGH-FIDELITY STEREO
 WITH REMOTE EXTENDER
 SUITS ALL DVD REMOTES
 SUITS FOXTEL DIGITAL & IQ
 LONGER TX/RX RANGE
 INTERFERENCE FREE
 4CH SWITCHABLE
 INCLUDES ACCESSORIES
 SYSTEM EXPANDABLE
 ADD EXTRA RECEIVERS
 MULTI-ROOM RECEPTION



Connect any AV device to the transmitter via RCA input.



FOXTEL-Digital Compatible
 Built-In IR Extended allows you to control your AV device from the second room!



EASY TO SETUP AND USE!

Watch DVDs, Digital TV, Pay TV, cameras and more, from any room in your home Powerful 5.8GHz bandwidth Enjoy perfect SD pictures & high fidelity stereo sound higher quality signal strength compared to traditional 2.4GHz AV senders for greater images. Built-in IR receiver allows you to use your existing remote controls from any room with RX5800 to operate your devices. Wide bandwidth IR can handle most remotes from 30KHz to 60KHz. This includes most DVDs and the Foxtel® Digital & IQ units. 4 selectable channels avoids interference from other receivers. Up to 90 metres range with clear line of sight between the transmitter and receiver. Multi-receiver support. Add more receivers for multiple room viewing! Interference free. Avoid interference from the crowded 2.4GHz band (WiFi, Bluetooth, etc.).

A/V SENDER KIT

5.8GHz Transmitter
 5.8GHz Receiver
 IR-LED Module
 2x RCA Cable sets
 2x Power Packs

Code
 AVS5800C



ADDITIONAL RECEIVERS

Add as many receivers as required for multi-room
 1x Unit with & leads

Code
 RX5800C





→ AV Wireless Sender

5.8GHz WIRELESS AUDIO/VIDEO SENDER DELUXE

REMOTE CONTROL EXTENDER WITH SOURCE SELECT

Dual Source Input
5.8Ghz Frequency
Low Profile
30m Radius



7 user selections for use with more than one device
Built in Infra Red Remote control extender

This 5.8GHz Audio/Video Sender uses a higher, less crowded frequency, with built-in push-button controlled digitally locked fine tuning and a new improved industrial design type transmission/reception antenna, this all contr butes to produce interference-free transmission results that are simply not possible with common 2.4GHz Audio/Video Senders. The SRT122 kit is made up of one transmitter and one receiver, though more than one receiver may be used with the same transmitter. It transmits vivid Video and HI-FI quality Stereo Audio from any Audio/Video source e.g. DVD player, VCR, Camcorder, Set-Top-Box, etc. to any receiving device being a TV Set or monitor with composite input. The input and output Audio/Video connectors have RCA plugs (x3). Transmission capability is up to 100M in clear line-of-sight cases. The built-in Infra Red remote control extender enables the user to remotely control the connected Audio/Video Sources from the room where the receiver is located. Compatible with PACE (Foxtel) remotes.

DUAL SOURCE SELECTABLE

A special additional feature of this unit is the ability to source select. The SRT122 Transmitter accepts two Audio/Visual Inputs via RCA connects. A switch on the Receiver allows you to switch between these two sources. So if you are in the bedroom watching, a button on the receiver allows you to switch between the DVD or Foxtel® sources in the Living room.

SRT122 KIT

Includes sender and receiver units with Power packs. Two IR emitters for extending the remote controls. Three sets of Leads, Stereo Audio & Composite Video, Two for source and one set for output to a TV, etc.



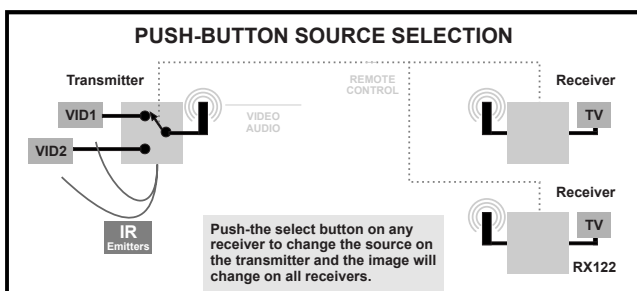
Code
SRT122

EXTRA RECEIVERS

System expandable to multiple receivers for TVs all over the house. Each receiver has a "Source Select" Button that when pressed changes the Transmitters signal video source, same image to all the receivers.



Code
RX122



→ AV RF Modulators

RF MODULATOR ECONOMY

RF Adaptor / Modulator for Older TVs

This compact adaptor connects between a Composite Video (RCA) source such as a DVD player, Game console, camera, etc., and transmits the picture and sound to channel 0 or 1 for viewing on TVs without any RCA input connections. Supplied with powerpack, if switched OFF then antenna connection is feed-thru, if switched ON then the signal is transmitted (antenna blocked). Unit includes power pack and 1.5M 3x RCA connections.

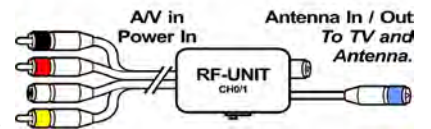
DVD or GAME etc.



Code
MOD650

GAME CONSOLES

Available to suit Specific Consoles, PS-II, X-Box, etc. See Section 15 GAME CONSOLE ACCESSORIES

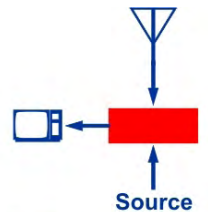


www.gamemaster.com.au - see section 15 GAME CONSOLE ACCESSORIES for more!

RF MODULATOR TUNEABLE

ADJUSTABLE TUNING

Inserts a video signal into your antenna line for easy TV connection. Digital locked tuning Push-button Channel Change CH21 To CH69. Always powered type solution with antenna signal feed-thru (+3db). L/R Audio & Composite video (CVBS-RCA) in. Use RCA or SCART. Requires AV Leads. Includes 1x RF Lead. Suit permanent power installations for security cameras, Video distribution, or just updating an old tele' for DVD. New model silver box 100x75x30mm

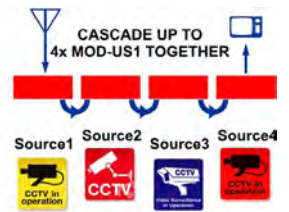


Code
RF2900

VIDEO TO RF MODULATOR

DIGITAL-PLL VHF/UHF

Converts any AV source eg. DVD, cameras, etc. into an RF TV channel & mixes into your existing Antenna coaxial feed network. Digital controlled PLL for greater stability Digital channel display 9Vdc power-Pack inc. Last Channel memory RCA video & audio in. 1x PAL RF to TV out. Output channels: VHF CH-0 to 12 45MHz to 862MHz UHF CH-21 to 75 478.25 to 856.25MHz



Code
RF5300





→ CYP Format Converters

↓ Format Converters X-Ref

CYPRESS FORMAT CONVERTERS QUICK GUIDE

DISPLAY PORT CONVERTERS

Input	Output	Scaler	Description	Code
CV/SV	mDP	3D BNR DNR HQE	CV/SV to Full HD Mini DisplayPort Scaler	CVMDP-1080P
Display Port	VGA	1920*1200@60Hz	DisplayPort to VGA Converter	CDPV-1A
DisplayPort	HDMI 1.3	Level shifting	DisplayPort to HDMI Converter Adaptor	CDPH-1P
mDP	HDMI 1.3	12 bit di hering	Mini DisplayPort to HDMI converter	CMDPH-2C

DVI / HDMI Converters

Input	Output	Scaler	Description	Code
CV/SV	DVI	3D DCT1 DLT1	Video to DVI Scaler Box	CM-1391M
CV/SV	DVI-I	UXGA	CVBS/SV to DVI-I Converter	CM-398DI
CV/SV	HDMI	3D DCT1 DLT1	Video and L/R to HDMI Scaler Box	CM-1392M
CV/SV	HDMI	Yes	CV/SV to HDMI 1080p Scaler Box	CP-295N
CV/SV	HDMI	1080p	CVBS/SV to HDMI Converter with Audio Input	CM-398H
CV/SV	HDMI 1.3	3D HQE DNR	Video to HDMI 1.3 Scaler Box	CVLUX-1080P
CV/SV	PC/HD	UXGA	CVBS/SV to D-Sub or YUV	CM-398M
CV/SV/YUV	DVI/HDTV	SXGA/1080i	Video to DVI & HDTV	CM-348ST
CV/SV/YUV	YUV/HDMI 1.3	HQV Realta CPU	HQV HDMI Scaler Box & Switch Deluxe	CSOT-2
CV/SV/YUV/ WUXGA/HDMI	HDMI	3D	CV/SV/PC/HD/HDMI 1080p Scaler Box	CP-255I
DVI	DVI-I	Yes	DVI to DVI-I Scaler Box - H/V Position	CP-254
DVI	PC		DVI to PC Format Converter (non HDCP)	CP-262DPC
DVI	PC/HDTV	1080p	DVI to PC/Component Converter Box	CP-1262DE
DVI/Coax	HDMI	No	DVI/Coaxial to HDMI Converter	CP-268S
DVI/PC	DVI/PC	3D	DVI Digital scaler with ultra high bandwidth	CP-255D
DVI/PC	HDMI	Yes	HD/PC/DVI/HDMI to HDMI Scaler Box	CP-290
DVI-D	CVBS	VGA to WUXGA	DVI-D to Video Scan Converter	CV-401D
HDMI	CV & L/R	480i/p to 1920x1200	High Input Resolution Support HDMI to Video Scan Converter	CV-401H
HDMI	CV & L/R	480p/576p/720p	VGA to WXGA HDMI to Video Scan Converter	CV-400H
HDMI	CV/SV	No	HDMI to CV/SV Converter - with HDMI Bypass	CM-388
HDMI	DVI & Coax	No	HDMI to DVI /Coaxial Converter with Digital Audio Out	CP-267S
HDMI	HDMI	3D	HDMI Digital scaler with ultra high bandwidth	CP-259H
HDMI	HDMI	Yes	HDMI to HDMI Scaler Box	CP-298H
HDMI	HDMI 1.3	TNR BAR MNR	HDMI Scaler box	CHQV-2H
HDMI	PC/YUV	No	HDMI to PC/Component Converter with Audio Box	CP-1262HE
HDMI x2	YUV/ Coax/3.5mm	No	Dual HDMI to HD Component Converter	CP-1283HDT
HDMI/YUV	HDMI	3D	HDMI Digital scaler with ultra high bandwidth	CP-255H
PC/HD	DVI-I	SXGA/1080p	PC/HD to DVI Format Converter	CP-1261D
PC/YUV	HDMI		PC/HD With Audio to HDMI Format Converter	CP-261H
SCART	HDMI 1.3	3D HQE DNR	SCART to HDMI 1.3 Scaler Box	CSLUX-1080P
SCART(RGB)	HDMI	Yes	Scart to HDMI scaler box	CS-720PHD
VGA	CVBS	VGA to WUXGA		CV-401V
YUV	DVI-I	1600x1200px	Analogue & Digital Scaler	CP-260D
YUV	HDMI	Yes	YUV HD to HDMI 1080p Scaler Box	CP-294
YUV/Coax/3.5mm	HDMI	No	YPbPr/YCbCr+Audio to HDMI converter	CP-281H
YUV/SXGA	DVI SXGA 720p	Yes	VGA to DVI-I Scaler Box - H/V Trim	CP-252
YUV/Toslink	HDMI	No	Component to HDMI format With Fibre Optic Audio Input	CP-280H
YUV/WUXGA	HDMI	Yes	PC to HDMI 1080p Scaler Box	CP-293

SDI Converters

Input	Output	Scaler	Description	Code
HDMI	SID		HDMI to 3G SDI	CLUX-H2SDI
SDI	HDMI		3G SDI Extender	CLUX-SDI2HC
SDI	HDMI		SDI to HDMI Scaler with Audio	CLUX-SDI2HS
SDI	VGA		SDI to PC/HD Scaler with Audio	CLUX-SDI2VS

PAL-NTSC Converters

Input	Output	Scaler	Description	Code
CV/SV	CV/SV	Digital Field & Line	Worldwide Super Multi-system Converter with TBC/GENLOCK	CDM831-TR
CV/SV	CV/SV	Digital Field & Line	Video System Converter	CDM-160
CV/SV	CV/SV	Digital Field & Line	Digital Multi-Scan Converter w/o VGA output	CDM640A
CV(NTSC)	CV(PAL)	No. (Analogue)	NTSC to PAL	CN-100P
CV	CV	Digital Field & Line	Multisystem Video Converter	ADC-660
CV/SV	CV/SV	Digital Field & Line	Multi-system Video Converter	CDM-660





↓ Format Converters X-Ref

ANALOGUE CONVERTERS

Input	Output	Scaler	Description	Code
CV/SV	PC	VGA	Video to VGA	CM-331
CV/SV	PC	VGA	With Analogue Tuner	CM-331T
SCART RGB	YUV	No. (Analogue)	RGB SCART to YUV RCA	CSY-2100
SCART	PC	XGA	SCART RGB to XGA Converter	CM-345S
CV/SV	PC	XGA	XGA PC Analogue Tuner Box	CM-345T
CV/SV	PC/HD	SXGA	1080i or 1280x1024px max.	CM-347
RGB/YUV	PC	WXPA	Component/RGB to 1280x768px	CM-397
SCART RGB	CV/SV	Sync. Stabiliser	RGB to Video	CRS-2000
CV/SV	PC	WXGA	1366x768px Up-Scaler	CM-396A
CV/SV	PC	UXGA	1600x1200px Up-Scaler	CM-398
CV	SCART	RGB Sync restore	Video to SCART converter	CCR-2SRGB
PC	YUV	No Scale/Sync	480p/720p colour space Converter	CP-264
YUV	RGBHV	Sync Converter	Component to RGB colour space converter	CP-265
PC	CV/SV	XGA 1024x768px	PC to Video Converter	CPT-350
PC	CV/SV	XGA 1024x768px	Deluxe PC to Video Converter	CPT-360
PC	CV/SV	XGA 1024x768px	PC to RGB/YUV/SV/CV	CPT380-RGB
PC	CV/SV	UXGA 1600x1200px	PC to Video Converter	CPT-385A
PC	YUV	UXGA To 480i/576i	1600x1200 to YUV	CPT-386
YUV	CV/SV	Down	HD to Video Converter	CPT-387
CV/SV	YUV/RGB	SD	CV/SV to YCbCr/RGB Format Converter	CP-VSRGB
PC & CV/SV	CV/SV	1600x1200px	PC to Video Overlay	CPT-1370
PC/HD	CV/SV/YUV	UXGA 1600x1200px	PC/HDTV to Video Scan Converter	CHD-380
CV/SV	PC/HD	UXGA	CVBS/SV to D-Sub or YUV	CM-398M
CV/SV	DVI-I	UXGA	CVBS/SV to DVI-I Converter	CM-398DI
CV/SV	HDMI	1080p	CVBS/SV to HDMI Converter with Audio Input	CM-398H
SXGA/YUV	SXGA/YUV	Res & Fps	PC/HDTV to PC/HDTV Converter	CP-251F
DVI	SXGA/YUV	Yes	DVI to VGA Scaler Box	CP-253
YUV/WUXGA	YUV/WUXGA	Yes	WUXGA scaler with ultra high bandwidth	CP-291
DVI	YUV	Yes	DVI-I to Component (HD) Scaler Box	CP-292
CV/SV/YUV/SXGA	SXGA/YUV	3D	Video Scaler Pro with RS-232	CSC-200
CV/SV/YUV/WXGA	YUV/WXGA	VT DCT1 DLT1	Video to WXGA Scaler Pro Grade	CSC-1600HD
CV/SV/YUV	UXGA	VT DCT1 DLT1	Video to UXGA Scaler	CSC-210
CV/SV/YUV	UXGA/YUV	VT DCT1 DLT1	Video to UXGA Scaler	CSC-220
CV/SV	WUXGA/YUV	3D DCT1 DLT1	Video to WUXGA-YUV Scaler Box	CM-1390M
SCART RGB	RGB-HV	No	Sync Separator	CSR-2200
CV/SV	CV/SV	Sync. Stabiliser	Sync. Stabiliser	CCR-9

↓ Display Port Converters

DISPLAY PORT TO VGA CONVERTER

The DisplayPort to VGA converter receives video through its DisplayPort link and then converts to analog VGA output. It supports both DDC channel and a monitor sensing function that allows it to detect the presence of monitor. The DisplayPort to VGA converter is the best solution for transmitting DisplayPort signals to a VGA monitor.

- Compliant to DisplayPort specification 1.1a
- Supports DisplayPort 1 or 2 lanes and 1.62/2.7 Gbps data rate
- Supports resolution up to 1920*1200@60Hz
- Triple 8-bit DACs for 24-bit VGA mode
- Stylish design
- Plug and play without any software application



Input	Output	Scaler	Description	Code
Display Port	VGA	1920*1200@60Hz	DisplayPort to VGA Converter	CDPV-1A

DISPLAY PORT TO HDMI CONVERTER ADAPTER

DP TO HDMI CONVERTER ADAPTER

More and more devices are deploying the DisplayPort (DP) interface instead of HDMI onto their graphics solution these days. When users wish to display on a large screen like HDTV or with an even more advanced monitor, he would need a device that can connect his DP source to his HDMI output display. Our latest "DP to HDMI mini converter adaptor" provides a quick and handy solution for this need. This adaptor is not only compliant with HDMI 1.3 specifications but it also has a remarkable frequency rate that can reach up to 2.7Gbps per lane. Inter-connecting your DP source with a HDMI display has never become as easy and convenient with our "DP to HDMI mini converter adaptor".

- Converts low-swing alternative current (AC) in to HDMI
- HDMI V1.3 and DVI 1.0 compliant
- HDMI level shifting operating up to 2.7 Gbps per lane
- Supports HDMI & DVI source selection for HDMI cable adaptor or DVI cable adaptor application
- Stylish design
- Plugs and runs without any software application



Input	Output	Scaler	Description	Code
DisplayPort	HDMI 1.3	Level shifting	DisplayPort to HDMI Converter Adaptor	CDPH-1P



↓ Display Port Converters

CV/SV TO FULL HD MINI DISPLAYPORT SCALER

CV/SV TO FULL HD MINI DISPLAYPORT SCALER

This scaler box is designed to display your Composite video/S-Video images on the Mini DisplayPort with better viewing resolutions. It can upscale any Composite video/S-Video's input source into Mini DisplayPort output with wide-range resolutions. Additionally, this device can also transfer audio for user to enjoy both HD images and sound consistently. Composite video/S-Video to Mini DisplayPort or DisplayPort signal conversion.

- Scales up Composite video or S-Video to HDTV 1080p format.
- Automatic lip-sync (audio delay) ensures audio video synchronization.
- Supports 8 bits on Mini DisplayPort output up to 6M distance.
- HQE (High Quality Image Enhancer) function.
- Digital Noise Reduction
- Minimizes picture noise, reproducing images true to the original.
- Block Noise Reduction
- Minimizes all MPEG noise, Improving the digital quality of HDTV broadcasts in particular, where block noise happens most.
- MPEG Noise Reduction –
- Reduces mosquito noise for MPEG without losing detail.
- Motion adaptive 3D Y/C separation comb filter.
- 3D (frame based) motion adaptive noise reduction.
- Advanced 3D motion adaptive de-interlace.
- Automatic 2:2/3:2 film mode detection.
- Composite video / S-Video input selection button.
- Automatic or Manual individual resolution selection button.
- Mini DisplayPort output with RGB colour space design.



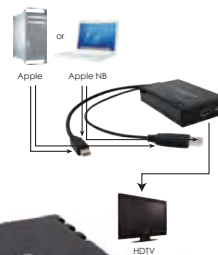
Input	Output	Scaler	Description	Code
CV/SV	mDP	3D BNR DNR HQE	CV/SV to Full HD Mini DisplayPort Scaler	CVMDP-1080P

MINI-DISPLAYPORT TO HDMI CONVERTER

USB POWERED SIGNAL CONVERTER

Having MAC /PC / Notebook to display on an HDTV or monitor may become easy with Mini DisplayPort to HDMI Converter. It allows users to do so by simple connection with built-in USB power cable. This device is HDMI v1.3 (with Deep Colour Video) & HDCP v1.1 compliant and is capable of high speed data transfer with speed up to 2.7Gbps per lane. Without the need to install any software, its fantastic performance and USB power connection is a must for MAC /PC / Notebook users.

- Mini DP to HDMI signal conversion
- PC contents display on HDTV
- Compliant with HDMI v1.3(with Deep Colour Video), HDCP1.1 & DVI1.0
- Supports up to 1080p 50/60 & WUXGA
- Supports pixel component format with RGB; YCbCr422: YCbCr444
- Supports bit depth per colour with 8/10/12 bits
- Bi-direction Colour Space Conversion (CSC) between RBG and YCbCr
- Dithering for conversion from 12 bits component to 10/8 bits
- Support USB 2CH, LPCM 48K 24 bits
- Automatic audio error detection with soft mute function, preventing annoying harsh output sound due to audio error or hot-unplug
- Automatic loss of signal detection for link management



Input	Output	Scaler	Description	Code
mDP	HDMI 1.3	12 bit dithering	Mini DisplayPort to HDMI converter	CMDPH-2C

↓ SDI Converters

HDMI TO SDI DUAL-OUTPUT CONVERTER

HDMI TO 3G SDI DUAL-OUTPUT CONVERTER

The HDMI™ to 3G SDI converter allows HDMI signals to be shown on SDI displays while ensuring high bit rates of 2.970 Gbit/s to give you high resolution signal without any loss. For professionals this means that it is now easier to convert your high def HDMI signal with audio to 3G SDI for long distance transmission and display your work on two 3G SDI display. Also, a 2CH L/R audio input allows DVI signal with 2CH audio to be converted to SDI in order to be shown on SDI displays. Furthermore, the device has a built-in default EDID and a recordable EDID that guarantee image display compatibility with source equipment.

- Supports HDMI: 480i, 576i, 720p50/60, 1080p 24/25/30, 1080i, 1080p 50/60.
- 2.970Gbit/s, 2.970/1.001Gbit/s, 1.485Gbit/s, 1.485/1.001Gbit/s and 270Mbits/s.
- Simultaneous display HDMI source on two SDI displays.
- Integrated audio to 8 channel PCM 48kHz for HDMI or 2CH for DVI audio.
- Auto video mode detection (3G/SD/HD).
- Choose between a selectable EDID and recordable EDID.
- Supports signal transmission distances of up to 300M for SD signals, 200M for HD signals and 100M for 3G signals.



Input	Output	Description	Code
HDMI	SID	HDMI to 3G SDI	CLUX-H2SDI

Note: This product does not process HDCP input. When receiving content that has HDCP encryption there will be no video output.



↓ SDI Converters

SDI EXTENDER WITH HDMI CONVERTER

3G SDI EXTENDER WITH HDMI CONVERTER

The SDI to HDMI converter allows SD-SDI, HD-SDI and 3G-SDI signals to be shown on HDMI/SDI displays while ensuring high bit rates of 2.970 Gbit/s to give you fast signal transmission without any loss. For professionals this means that it is now easier to distribute and extend your 3G SDI signal while giving you the ability to display your work on HDMI displays thanks to the built in HDMI converter. Furthermore, thanks to the loop-through 3G-SDI design, users are able to enjoy both SDI and HDMI displays at the same time.

- Operation at 2.970Gbit/s, 1.485Gbit/s, 1.001Gbit/s and 270Mbits/s
- Supports SMPTE 425M (Level A and Level B),
- SMPTE 424M, SMPTE 292M, SMPTE 259M-C
- Equalized and re-clocked loop output
- Integrated audio de-embedder for a maximum of 8 channel, 48kHz
- Auto video mode detection (3G/SD/HD)
- Conversion from SMPTE 425M level B to Level A 1080p 10-bit
- Connect with other units to extend your signal over long distances
- Simultaneous display with SDI and HDMI signals
- Supports signal transmission distances of up to 300M for SDI signals, 200M for HD signals and 100M for 3G signals
- Note: Cable tested with Belden 1694A. Operating distances may vary if used with another type of cable.



Input	Output	Scaler	Description	Code
SDI	HDMI		3G SDI Extender	CLUX-SDI2HC

SDI TO PC/HD SCALER WITH AUDIO

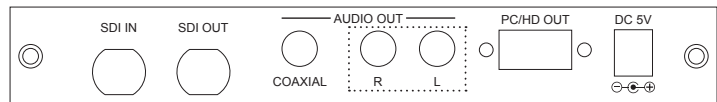
3G-SDI TO PC/HD SCALER WITH AUDIO

The SDI to VGA Scaler with Audio allows SD, HD and 3G-SDI signals to be display on HD/PC displays while ensuring high bit rates of 2.970 Gbit/s gives you fast signal transmission without signal loss. For professional this means that it is now easier to distribute and extend your SDI signal while giving you the ability to display your work on the existing PC displays. Further, the design of coaxial and L/R audio output allows user to output audio with both digital and analog format and the loop-through 3G-SDI design also benefit user to enjoy both SDI and PC/HD display synchronously.

- Operation at 2.970Gb/s, 2.970/1.001Gb/s, 1.485Gb/s, 1.485/1.001Gb/s and 270Mb/s
- Supports SMPTE 425M (Level A and Level B), SMPTE 424M, SMPTE 292M, SMPTE 259M
- Equalized and re-clocked loop output
- Alternative audio output to coaxial and analog 2CH
- Auto video mode detection (3G/HD/SD)
- Conversion from SMPTE 425M level B to Level A for 1080p 50/59.94/60 4:2:2 10-bit



Input	Output	Description	Code
SDI	VGA	SDI to PC/HD Scaler with Audio	CLUX-SDI2VS

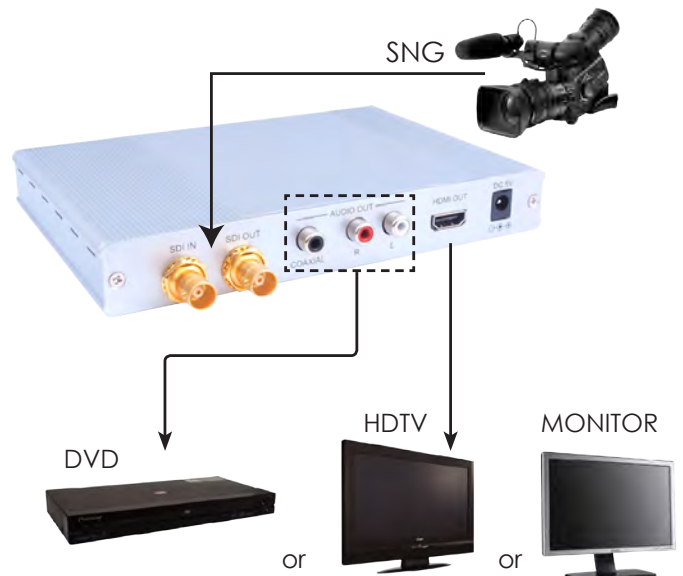


SDI TO HDMI SCALER WITH AUDIO

3G-SDI TO HDMI SCALER WITH AUDIO

The CLUX-SD12HS SDI to HDMI Scaler with Audio allows SD, HD and 3G-SDI signals to be shown on HDMI/SDI displays. Giving you high bit rates of 2.970 Gbit/s without any signal loss, this means that it is now easier for professionals to distribute and extend their SDI signal while giving the ability to display work on HDMI displays. Furthermore, thanks to coaxial (S/PDIF) and L/R audio outputs users can output audio in both digital and analog formats while the loop-through 3G-SDI design benefits users by letting them simultaneous show content on both SDI and HDMI displays.

- Operation at 2.970 Gb/s, 2.970/1.001 Gb/s, 1.485 Gb/s, 1.485/1.001 Gb/s and 270 Mb/s
- Supports SMPTE 425 M (Level A and Level B), SMPTE 424m, SMPTE 292 M, SMPTE 259 M
- Equalized and re-clocked loop output
- Alternative audio output to coaxial and analog 2 CH
- Integrated audio de-embedder for up to 8 channels of 48 kHz audio
- Auto video mode detection (3G/SD/HD)
- Conversion from SMPTE 425 m level B to Level A for 1080p 50/59.94/60 4:2:2 10-bit



Input	Output	Description	Code
SDI	HDMI	SDI to HDMI Scaler with Audio	CLUX-SDI2HS



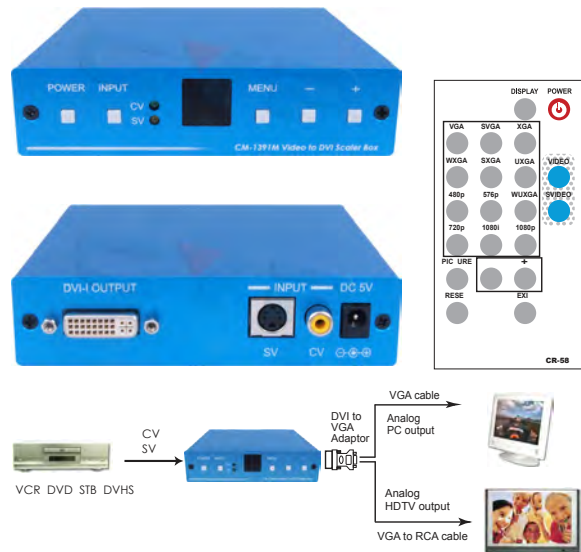
↓ DVI Converters

CV/SV TO DVI SCALER CONVERTER

VIDEO TO DVI SCALER BOX

This professional video scaler is designed to convert Composite and S-Video to high definition DVI resolutions. It handles video input from TV systems of NTSC or PAL standards with many great features to enhance video performance on DVI display.

- Motion adaptive 3-D de-interlacing.
- Supports 3D Y/C separation, or 2D 5-Line (5H) Adaptive Comb.
- Advanced 3D motion adaptive de-interlace.
- Automatic 2:2/3:2 film mode detection.
- Supports 50Hz to 60Hz frame rate conversion.
- Video quality improvement.
- DCTI (Digital chroma transient improvement).
- DLTI (Digital luminance transient improvement). Black level extension.
- OSD menu for picture quality adjustment.
- Front Panel and IR remote control.
- Automatic NTSC/PAL video format detection.



Input	Output	Scaler	Description	Code
CV/SV	DVI	3D DCT1 DLT1	Video to DVI Scaler Box	CM-1391M

CV/SV/YUV/RGB TO DVI SCALER CONVERTER

ANALOGUE VIDEO TO DIGITAL DVI SCALER BOX

Convert Composite Video, S-Video, YCbCr, and RGB, signals to a variety of computer and HDTV resolutions. It accepts video input of all video systems-NTSC, PAL and SECAM. The CM-348 has many great features to upgrade video source to high resolution PC or HDTV quality and is ideal for use in professional large screen presentation.

- Video inputs are 3D de-interlaced and scaled up to PC or HDTV output resolution.
- Automatically accommodates worldwide input video systems.
- NTSC 3.58, NTSC 4.43, PAL, PAL M, PAL N, and SECAM.
- High performance adaptive digital 4H Comb filter Y/C separator adjustable vertical peaking.
- Motion compensated de-interlacing algorithms to produce artifact-free progressive scan.
- Built in adaptive film mode 3:2/2:2 pull-down provides clear and crisp de-interlacing of video originating from 24 fps film, such as DVD movies.
- Frame rate up conversion from 50 up to 85Hz.
- Vertical temporal filter (VT) removes jaggy and other de-interlacing artifacts from video.
- OSD menu with adjustable control on Colour, Sharpness, Brightness, Contrast and Tint.
- Last memory for all adjustments.



Input	Output	Scaler	Description	Code
CV/SV/YUV	DVI/HDTV	SXGA/1080i	Video to DVI & HDTV	CM-348ST

CV/SV TO DVI-I SCALER CONVERTER

DVI INTEGRATED DIGITAL AND ANALOGUE OUTPUT

This is a low cost video to DVI-I converter box that can convert CV/SV (NTSC or PAL system) to DVI-I resolutions of XGA to UXGA or HD resolutions of 480p to 1080p. With frame rate conversion feature that allows users to view DVD, VCR or video game sources on a DVI monitor this device also has an On-Screen Display function that allows users to easily select the output resolution.

- Operates in NTSC 3.58 and PAL system.
- High Quality Scaling Engine.
- PC resolutions: XGA, SXGA, UXGA.
- DVI resolutions: 480p/576p, 720p, 1080p.
- 3D (frame based) motion adaptive YNR/CNR noise reduction (for Y/C video input).
- On-Screen Display.
- Advance 3D motion adaptive de-interlace.
- Automatic 2:2 & 3:2 film mode detection.
- Play video games on your HD monitor/TV.
- High-resolution output picture.
- Plug & play - no drive software required.

Input	Output	Scaler	Description	Code
CV/SV	DVI-I	UXGA	CVBS/SV to DVI-I Converter	CM-398DI
CV/SV	HDMI	1080p	CVBS/SV to HDMI Converter with Audio Input	CM-398H
CV/SV	PC/HD	UXGA	CVBS/SV to D-Sub or YUV	CM-398M





↓ DVI Converters

YUV TO DVI CONVERTER

COMPONENT TO DVI CONVERTER

The CP-260D converts analog YPbPr signal to digital DVI. It enables you to connect the YPbPr output from video equipment to the DVI input of the monitors or projectors. Its high bandwidth capability supports a wide range of PC and HDTV resolution.

- Improves video quality by utilizing the new digital video interface.
- Output format is selectable between RGB and YPbPr.
- Support up to 1600x1200@60 for PC input.
- Support 1920x1080p@60 for HD input.
- Supports DDWG standard for DVI compliant monitors.
- Plug and play, easy to install.



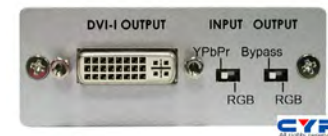
Input	Output	Scaler	Description	Code
YUV	DVI-I	1600x1200px	Analogue & Digital Scaler	CP-260D

PC/HD TO DVI FORMAT CONVERTER

RGBHV/HDTV ANALOGUE TO DVI DIGITAL FORMAT CONVERTER

This is a PC/HD to DVI format converter box. This box can convert and upgrade your display image from analog into digital and VGA into HD. Whether your sources comes in from PC or traditional RGB signal through the PC/HD to DVI Format Converter, the image will be changed into DVI signal.

- Connect computers with analog PC output or DVDs with HD output to digital DVI-I monitors or projectors.
- Select input between analog RGB and YPbPr manually.
- Select output between bypass or digital RGB manually.
- Supports up to 1600 x 1200 @ 60 Hz for PC input and 1920 x 1080p @ 60 Hz for HD input.
- Built-in EDID.



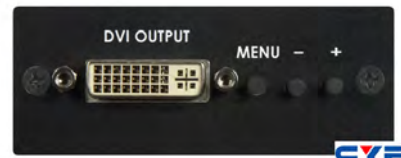
Input	Output	Scaler	Description	Code
PC/HD	DVI-I	SXGA/1080p	PC/HD to DVI Format Converter	CP-1261D

PC/HD TO DVI FORMAT CONVERTER

VGA TO DVI-I SCALER BOX

CP-252 is a high performance PC/HDTV two-way scaler that accepts analog RGB input (VGA) and converts to DVI-I (digital+analog RGB) output.

- The input is analog PC or HDTV signal in the format either RGBHV, YPbPr, or YCbCr.
- The output is digital + analog PC or HDTV signal in the format of digital RGBHV bitstream plus analog RGBHV, known as DVI-I(Integrated digital and analog).
- The input resolution is automatically detected while the output resolution and refresh rate can be selected through OSD menu and front panel push buttons.
- 48 MB frame memory for frame rate conversion.
- Output picture adjustment on brightness, contrast, colour, RGB level, and Horizontal-Vertical picture trim position.
- DVI output enables an all digital rendering of video without the losses associated with an analog interface and is ideal for use with digital display such as LCD, plasma and DLP projectors.



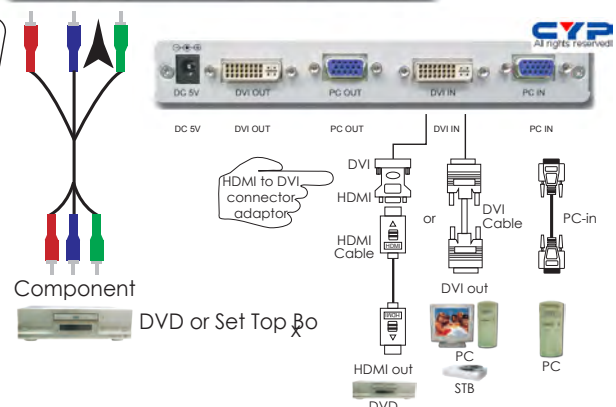
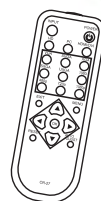
Input	Output	Scaler	Description	Code	
YUV/SXGA	DVI SXGA	720p	Yes	VGA to DVI-I Scaler Box - H/V Trim	CP-252

PC/HDTV TO DVI SCALER CONVERTER DELUXE

DIGITAL SCALER WITH ULTRA HIGH BANDWIDTH

A professional universal scaler with ultra high bandwidth (205MHz). It accepts both analog and digital input and outputs a variety of scaled DVI or HDMI resolutions.

- Both digital and analog inputs are format converted and pixel re-scaled.
- Supports PC RGB input up to WUXGA @60Hz.
- Supports HDTV RGB/YPbPr/YCbCr up to 1080p @60Hz.
- DVI/HDCP/HDMI compliant input.
- Operates up to 165Mhz (Up to UXGA @60Hz).
- Supports digital PC RGB output up to WUXGA @60Hz.
- Supports digital HD output up to 1080p.
- Integrated 8-bit triple-ADC/PLL.
- Integrated DVI/HDCP/HDMI compliant receiver.
- Dual high quality scaling engines.
- Dual 3-D motion video de-interlacers with adaptive edge oriented algorithm for smooth low-angle edge.
- Automatic 3:2 pull-down & 2:2 pull-down detection and recovery.
- The proprietary advanced colour engine technology for fresh colour.
- Intensified contrast and details. Vivid skin tone. Sharp edges.
- 3D noise reduction.
- Operates through on-screen OSD menu control and remote control.



Input	Output	Scaler	Description	Code
DVI/PC	DVI/PC	3D	DVI Digital scaler with ultra high bandwidth	CP-255D



↓ DVI Converters

DVI-D TO VIDEO CVBS

The DVI to Video Scan Converter is designed to convert digital signal from DVI-D source to analog CVBS signal of NTSC or PAL system. The device is HDMI 1.2 & DVI 1.0 compliant and it features many great functions such like 3D noise reduction, frame rate conversion, adaptive contrast enhancement... and etc. Further, a simplify OSD function is available allowing user with easy viewing on the displaying status.

- Accepts a wide range of DVI-D input resolution from 480p to 1080p@60Hz and PC from VGA to WUXGA@60Hz
- DVI 1.0 compliant signal display on TV monitor
- PC Graphic Card signal display on CRT display
- Converts video signal from DVI-D source to NTSC or PAL signal
- 3D noise reduction in both temporal and spatial domain
- Frame rate conversion
- Adaptive contrast enhancement
- OSD Display
- Overscan and underscan adj.
- Phase and Aspect adj.



Note: This product does not process HDCP input. When receiving content that has HDCP encryption there will be no video output

Input	Output	Scaler	Description	Code
DVI-D	CVBS	VGA to WUXGA	DVI-D to Video Scan Converter	CV-401D

DVI TO PC/HDTV CONVERTER BOX

DVI TO PC/COMPONENT CONVERTER BOX

This box is designed to convert digital DVI-D to Analog PC/RGB or HD YPbPr output. It enables the DVI sources display through analog PC monitor, Projector or TV. Its high bandwidth capability supports a wide range of PC and HDTV resolutions.

- Supports DVI-D input and Analog PC/RGB or HD YPbPr output.
- Supports output selection between YPbPr and RGB.
- Supports input/output resolution as below:
- PC: 640x480, 800x600, 1024x768, 1152x864, 1280x1024, 1600x1200, 1920x1200
- HD: 480i, 576i, 480p, 576p, 720p, 1080i, 1080p



Input	Output	Scaler	Description	Code
DVI	PC/HDTV	1080p	DVI to PC/Component Converter Box	CP-1262DE

Note: Due to the limitation of tri-level synchronised output the image will shift to the left side of the screen when component output at 720p/1080i/1080p, This can be horizontally trim adjusted on a compatible display monitor. If Does not support HDCP decryption. (High-bandwidth Digital Content Protection) no output displayed if encrypted.

DVI TO PC FORMAT CONVERTER

NON HDCP

The DVI to VGA format converter converts digital DVI/RGB signal to analog PC RGB signal. It allows you to connect the DVI output from PC or Video equipment to the HD-15 VGA input of the analogue monitors. Its high bandwidth capability supports a wide range of PC and HDTV resolutions.

- Connects computers with DVI-D connectors to analog monitors or projectors.
- Supports up to 1600x1200@60 for PC input and 1920x1080p@60 for HD input.
- Supports DDWG standard for DVI compliant monitors.



Input	Output	Scaler	Description	Code
DVI	PC		DVI to PC Format Converter (non HDCP)	CP-262DPC

DVI TO PC/HDTV SCALER SXGA

DVI-D TO D-SUB OR YUV WITH UP/DOWN SCALING WITH OSD ADJUST

CP-253 is a high performance PC/HDTV two-way scaler which accepts Digital DVI-D input and converts to analog RGB output.

- The input to the CP-253 is digital PC or HDTV signal in the format of either RGBHV or YPbPr / YCbCr data bitstream via 24-pin DVI connector.
- Output is Analog PC or HDTV signal in RGBHV or YPbPr
- Includes RCA (YUV) breakout cable via a HD-15 VGA connector.
- The input resolution is automatically detected while the output resolution and refresh rate can be selected through OSD menu and front panel push buttons.
- 48MB frame memory for frame rate conversion.
- Output picture adjustment on Brightness, Contrast, Colour and H-V position.



Input	Output	Scaler	Description	Code
DVI	SXGA/YUV	Yes	DVI to VGA Scaler Box	CP-253



↓ DVI Converters

DVI-I TO HDTV SCALER 1080P

DVI-I WUXGA TO COMPONENT (HD) SCALER BOX

This scaler Box is designed to upscale DVI-I input sources to HD output of wide-range HDTV resolutions. This unit has a comprehensive OSD menu that allows users to select a variety of output resolutions and adjust for the best picture quality.

- DVI 1.0 compliant.
- Scales PC/HD resolutions to HD (480i ~ 1080p) resolutions.
- Input 480i to 1080p, VGA(60-85Hz) to WUXGA(60Hz) 1920x1200px
- Provides output picture adjustment on contrast, brightness, hue, saturation, sharpness, RGB (colour tone) level and aspect ratio size.
- Supports high resolution output.
- SD/HD: 480i, 576i, 480p, 576p, 720p, 1080i and 1080p

Input	Output	Scaler	Description	Code
DVI	YUV	Yes	DVI-I to Component (HD) Scaler Box	CP-292



DVI / COAXIAL & HDMI CONVERTER

DVI-D & COAXIAL AUDIO TO/FROM HDMI CONVERTERS

Convert DVI/Coaxial to HDMI output. It allows users to connect the DVI source and digital audio to a HDMI digital display. This converter box also amplifies signal for incoming TMDS data before re-transmitting them with optimal quality regardless of the incoming signal quality.

- HDMI 1.2, HDCP 1.1 and DVI 1.0 compliant.
- Supports DVI/Coaxial input and HDMI output.
- Input format auto detection: Digital RGB or YPbPr.
- Optical input supports LPCM 2CH, Dolby Digital 5.1CH and DTS 5.1CH digital audio.
- Operation Frequency: 165MHz
- Frequency Bandwidth: 1.65Gbps (single link).
- Supports audio sampling frequencies: 32, 44.1 and 48kHz.
- Supports high resolution input/output:
- PC: VGA, SVGA, XGA, SXGA, (all at 60/75/85Hz), UXGA at 60Hz.
- SD/HD: 480i/p, 576i/p@60Hz, 720p, 1080i@50/60Hz and 1080p@24/25/30/50/60Hz.
- Easy to install and to operate.

Input	Output	Scaler	Description	Code
DVI/Coax	HDMI	No	DVI/Coaxial to HDMI Converter	CP-268S
HDMI	DVI & Coax	No	HDMI to DVI /Coaxial Converter with Digital Audio Out	CP-267S



DVI / PC / HDTV / HDMI TO HDMI SCALER BOX

SOURCE SELECT, OSD AND ANALOGUE TO DIGITAL AUDIO

This Scaler Box is designed to display your PC/HD images with a better viewing quality. It can upscale PC & DVI input sources to HDMI output for wide-range resolutions. This unit allows users to select a variety of output resolutions and adjust for the best picture quality. Furthermore, it also transfer sounds through HDMI, so users can enjoy both HD images and sounds with great satisfaction.

- HDMI 1.2, HDCP 1.1 and DVI 1.0 compliant.
- Supports PC/HD resolution input:
- HDMI: 480p~1080p50/60
- DVI : VGA~WUXGA
- PC : VGA~WUXGA
- HD : 480i~1080p50/60Hz
- Scale PC/HD/DVI/HDMI resolutions to XGA/UXGA/720p/1080p resolutions.
- Supports PC/HD&DVI/HDMI to HDMI output.
- Transfers L/R and coaxial sounds to HDMI.
- Input and output selection buttons for quick and easy function choose.

Input	Output	Scaler	Description	Code
DVI/PC	HDMI	Yes	HD/PC/DVI/HDMI to HDMI Scaler Box	CP-290



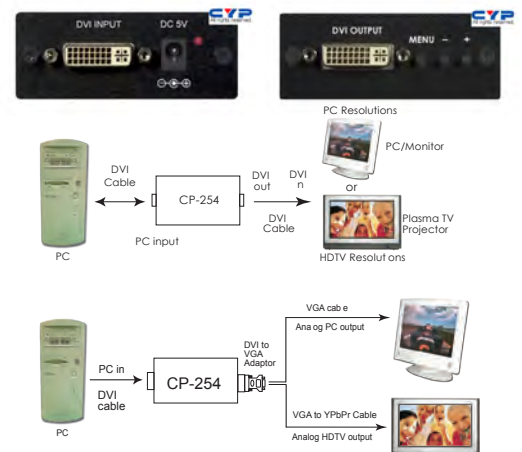
DVI-I TO DVI-I SCALER BOX

INTEGRATED DIGITAL & ANALOGUE CONVERTER

DVI-I to DVI-I Scaler Box is an innovative DVI-I in to DVI-I output digital scaler.

- High performance PC/HDTV two-way scaler that accepts both digital DVI-D input and analogue RGBHV input for conversion to digital or analogue DVI-I output.
- Also accepts PC/HDTV input signal in the format of either RGBHV or YPbPr/YCbCr data bitstream via 24-pin DVI connector.
- The output is digital+analog PC or HDTV signal in the format of digital RGBHV bitstream plus analog RGBHV, known as DVI-I (Integrated digital and analog).
- The input resolution is automatically detected while the output resolution and refresh rate can be selected through OSD menu and front panel push buttons.
- 48 MB frame memory for frame rate conversion.
- Output picture adjustment on brightness, contrast, colour, RGB level, and H-V position.
- A DVI-I to VGA adaptor is included to transfer the analog RGB output contained in the DVI-I connector into HD-15 VGA connector so that the output can also connects to any display units that has VGA input.

Input	Output	Scaler	Description	Code
DVI	DVI-I	Yes	DVI to DVI-I Scaler Box - H/V Position	CP-254





↓ HDMI Converters

HDMI TO HDMI SCALER BOX

HDMI TO HDMI SCALER BOX

This Scaler Box is designed to display your HD images on a HDTV. It can upscale HDMI input sources to HDMI output for a wide-range of HD resolutions; the resolution supported include XGA/UXGA/720p/1080p/1366 x 768/1440 x 900/1400 x 1050. This unit provides you with a variety of output resolutions in order to give you the best picture quality. Move over, with a built-in hot-key OSD this Scaler helps users to view and select the desired resolution instantly. PC timing converted into HD timing. HD timing converted into PC timing.

- HDMI 1.2, HDCP 1.1 and DVI 1.0 compliant.
- HDCP compliant.
- Input supports HDMI v1.3 8 bit.
- Supports HD resolution input. VGA~WSXGA, WUXGA@60 1366x768 / 1440x900 / 1400x1050.
- 480p@60, 720p@60, 1080p@60.
- Fast switch hot key from 720p to 1080p / 1280x800 / 1366x768 / 1920x1200px.
- Auto – Detection and Hot plug.
- Interlaced - progressive conversion with various picture display.



Input	Output	Scaler	Description	Code
HDMI	HDMI	Yes	HDMI to HDMI Scaler Box	CP-298H

HDMI TO HDMI SCALER BOX

FULL HDTV 1080p UPSCALER WITH TNR, BAR & MNR ADVANCED SIGNAL PROCESSING

This Scaler Box is designed for the Blu-ray DVD players, Digital TV, Cable and Satellite Set-Top Box (STB), Internet Digital Media Adapters, Audio-Video Receivers and Digital Recorders markets. This Scaler Box is unlike anything you have ever purchased. Giving you the freedom to enjoy the full benefits of high resolution video by recreating a cinema like experience in the comfort of your home, this device is a worthy addition to any home entertainment system. In addition, the HD inputs have been improved, allowing this Scaler Box to deliver crisp, stunning and noise free full HD video. Up scales low resolution video quality to HD resolution. To improve incoming low resolution to noise free full HD video.

- Full HQV de-interlacing.
- Adaptive motion processing for difficult and poor quality video scenes.
- Temporal Noise Reduction (TNR) - Reduces noise caused by on film grain, random noise, sensor noise and light fluctuations.
- Block Artifact Reduction (BAR) - Reduces Compression block artifact.
- Mosquito Noise Reduction (MNR) - Reduces mosquito noise.
- 12-bit colour space conversion on input and output.
- Supports Deep Colour at 36-bit colour depth and xvYCC colour gamut.
- HDMI output resolution 480p@50/60Hz, 720p@50/60Hz, 1080p@50/60Hz.
- Powered by its USB connection, or by an AC connection using an adaptor.



Input	Output	Scaler	Description	Code
HDMI	HDMI	1.3 TNR BAR MNR	HDMI Scaler box	CHQV-2H

HDMI TO HDMI SCALER BOX

FULL HDTV 1080p UPSCALLER WITH 3D MOTION ADAPTIVE TECHNOLOGIES

Cypress CP-259H is a compact yet versatile HDMI to HDMI Scaler Box. It accepts HDMI input with a separate Toslink or analog audio and scale it to HDMI output (at a number of selectable resolutions) with additional Toslink and analog audio output. CP-259H has a comprehensive OSD menu that allows user to select a variety of output resolutions and adjust for best picture quality. It is ideal for using between incompatible HDMI source and display by changing picture resolution and frame rate of HDMI source to match the native resolution of the HDMI display.

- HDMI 1.2, HDCP 1.1 and DVI 1.0 compliant.
- Scales any PC (VGA ~ WUXGA) /HD (480i ~ 1080p) resolutions to/ from another PC/HD resolutions.
- Automatically detect the factory setting of the connected display and output the corresponding resolution and refresh rate, when the NATIVE output is selected.
- Supports 50/60Hz frame rate conversion.
- Supports 3-D motion video adaptive, 3-D de-interlacing, and 3:2 / 2:2 pull-down detection and recovery.
- Provides output picture adjustment on contrast, brightness, hue, saturation, sharpness, RGB level, and scan size.
- Supports high resolution input/output.
- PC: VGA, SVGA, XGA, SXGA, UXGA, WXGA, WSXGA, WUXGA.
- HDTV: 480i, 576i, 480p, 576p, 720p, 1080i, and 1080p.
- Supports digital and analog audio input and output.



Input	Output	Scaler	Description	Code
HDMI	HDMI	3D	HDMI Digital scaler with ultra high bandwidth	CP-259H



↓ HDMI Converters

DUAL HDMI TO HD COMPONENT CONVERTER

HDMI x2 SWITCH TO YUV & 3.5mm AUDIO OUTPUT

The Dual HDMI to HD Component Converter is an HDMI to component (YPbPr) converter with audio output. It allows you to switch between 2 HDMI sources and convert it to component and analog audio (L/R) or digital audio (Coaxial) output at the same time. It supports high definition up to 1080p, and output resolution follows input.

- HDMI or DVI (with converter cable) signal display on analog display
- HDMI audio signal output to digital or analog audio speaker
- Converting HDMI signal to analog signal
- HDMI v1.3 and DVI 1.0 compliant
- Supports 2 HDMI inputs and 2 audio (coaxial, L/R) output
- HDMI input support 8/10/12 bits, component output support 8 bits
- HDMI input compatible with DVI format when using HDMI to DVI adaptor
- HDMI audio input support LPCM 2CH and sampling rate support from 32KHz to 192KHz
- Component output support tri-level sync for 720p, 1080i and 1080p
- Built-in EDID



Note: This product does not process HDCP input. When receiving content that has HDCP encryption there will be no video & audio output.

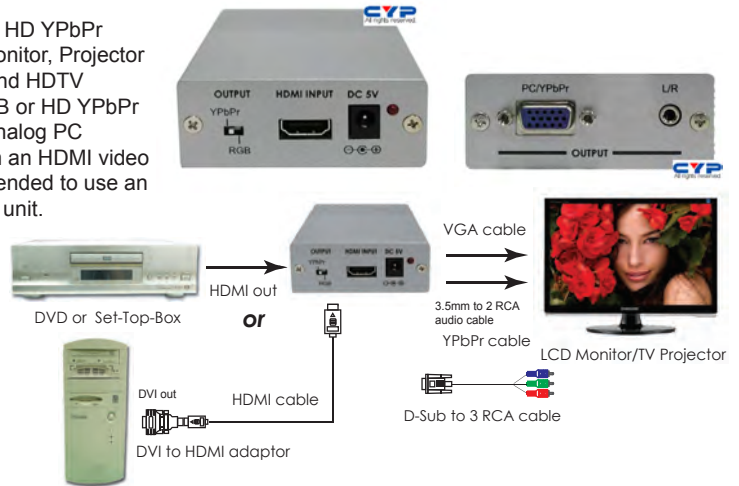
Input	Output	Scaler	Description	Code
HDMI x2	YUV/Coax/3.5mm	No	Dual HDMI to HD Component Converter	CP-1283HDT

HDMI & PC/HD CONVERTER WITH AUDIO

HDMI TO PC/COMPONENT CONVERTER WITH AUDIO BOX

This box is designed to convert digital HDMI to Analog PC/RGB or HD YPbPr output. It enables the HDMI sources display through analog PC monitor, Projector or TV. Its high bandwidth capability supports a wide range of PC and HDTV resolutions. The CP-262H converts digital HDMI to analog PC/RGB or HD YPbPr with audio. It enables you to connect your new HDMI sources to analog PC monitors, Projectors or TVs. The CP-262H can receive power from an HDMI video source through its 18 pin HDMI connection. However it is recommended to use an external power adaptor to ensure enough power is provided to the unit.

- Supports HDMI input and Analog PC or SD/HD output.
- Timing sync & resolution remains input to output.
- Supports output selection between YPbPr and RGB.
- Supports many input/output resolutions.
- PC: 640x480px to 1920x1200px WUXGA60 (154MHz).
- HD: 480i, 576p, 720p, 1080i, 1080p.
- Build-in EDID.
- HDMI 1.3 Compliant.
- Lets you watch new HDMI source signal (from Set Top Box, or DVD player) on your older analog TVs or monitor.
- Output YPbPr & RGB switchable.
- Plug and Play, easy to install.
- Can operate without external DC power supply.



Connection 1 (RGB out)
Connection 2 (YPbPr out)

Input	Output	Scaler	Description	Code
HDMI	PC/YUV	No	HDMI to PC/Component Converter with Audio Box	CP-1262HE

Note: Due to the limitation of Tri-level synchronizes output the image will shift to the left side of the screen when component output is at 720p/1080i/1080p. If HDMI source includes HDCP(High-bandwidth Digital Content Protection), output display does not support HDCP decryption and no image display.

HDMI TO VIDEO SCAN CONVERTER

HDMI TO VIDEO SCAN CONVERTER

The HDMI to CVBS Converter is designed to convert digital signal from HDMI source to analog signal of NTSC or PAL system, with L/R stereo audio. This device provides a convenient application that allows the users to store high definition movie in a standard resolutions of 480i or 576i on DVR or VCR machine. The device is HDMI 1.2 & DVI 1.0 compliant and it features many great functions such like 3D noise reduction, frame rate conversion, adaptive contrast enhancement...and etc. Further, a simplify OSD function is available allowing user with easy viewing on the displaying status.

- HDMI 1.2, HDCP1.1 and DVI1.0 compliant.
- Converts video signal from HDMI source to NTSC or PAL signal.
- Converts digital audio from HDMI source to analog stereo audio.
- Accepts a wide range of HDTV input resolutions, from 480p to 720p@60Hz and PC from VGA@60Hz to WXGA@60Hz.
- Output picture size Underscan / Overscan.
- 3D noise reduction in both temporal and spatial domain.
- Frame rate conversion with arbitrary adaptive contrast enhancement.



This product does not process HDCP input. When receiving content that has HDCP encryption there will be no video output.

Input	Output	Scaler	Description	Code	
HDMI	CV & L/R	480p/576p/720p	VGA to WXGA	HDMI to Video Scan Converter	CV-400H
HDMI	CV & L/R	480i/p to 1920x1200		High Input Resolution Support	CV-401H
				HDMI to Video Scan Converter	



↓ HDMI Converters

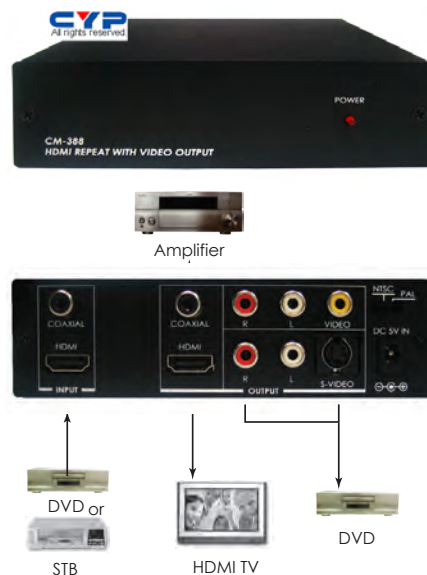
HDMI TO CV/SV CONVERTER - WITH HDMI BYPASS

HDMI THROUGH & CV/SV DOWN SCALER WITH AUDIO OUTPUT

The HDMI to CV/SV Converter is designed to convert digital signal from HDMI (or DVI + Coaxial) source to analog signal of NTSC or PAL system, with L/R stereo audio. Besides S-Video and Composite Video outputs, it also provides one bypass HDMI output to deliver the original signal, and a Coaxial output to send S/PDIF digital audio to audio amplifier. The product provides a convenient application that allows the users to watch high definition movie while recording it (in standard resolutions 480i or 576i) to DVR or VCR machine.

- HDMI 1.2, HDCP1.1 and DVI1.0 compliant
- Converts video signal from HDMI source to NTSC or PAL signal selectable
- Converts digital audio from HDMI or Coaxial source to analog stereo audio
- Accepts HDTV input of wide resolutions, from 480p to 1080p@60Hz (except 1080p@24Hz) and PC from VGA@60Hz to UXGA@60Hz.
- When the signal from HDMI or DVI source is protected by HDCP (Highbandwidth Digital Content Protection), the HDMI or DVI display needs to support HDCP to be able to show picture, and there will be no analog video output.
- Not compatible with HDCP source.

Input	Output	Scaler	Description	Code
HDMI	CV/SV	No	HDMI to CV/SV Converter - with HDMI Bypass	CM-388

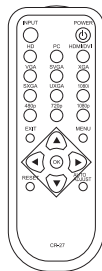


CV/SV/PC/HD/HDMI 1080P SCALER BOX

MULTIPLE ANALOGUE SOURCE SELECTOR AND UPSCALER TO HDMI OUTPUT WITH AUDIO INJECTOR AND REMOTE CONTROL

Scaler Box is designed to upscale digital/analog video signal from Composite, S-Video, PC, Component (HD) and HDMI input sources, to digital HDMI output of wide-range HDTV and PC resolutions, up to 1080p and WUXGA (1920 x 1200). Besides video upscaling, the scaler box also converts digital/analog audio signal to digital format, then output either through HDMI combining with the video, or Coaxial Toslink separately. Comprehensive OSD menu that allows user to select a variety of output resolutions and adjust for best picture quality.

- HDMI 1.2, HDCP 1.1 and DVI 1.0 compliant.
- Scales any PC (VGA ~ WUXGA), HD (480i ~ 1080p) resolutions to/from other PC/HD resolutions.
- Automatically detect the factory setting of the connected display and output the corresponding resolution and refresh rate, when the NATIVE output is selected.
- Supports 50/60Hz frame rate conversion.
- Supports 3-D motion video adaptive, 3-D de-interlacing and 3:2 / 2:2 pull-down detection and recovery.
- Provides output picture adjustment on contrast, brightness, hue, saturation, sharpness, RGB (colour tone) level, and aspect ratio size.
- Supports high resolution input/output.
- PC: VGA, SVGA, XGA, SXGA, UXGA, WXGA, WSXGA, WUXGA
- HDTV: 480i, 576i, 480p, 576p, 720p, 1080i, and 1080p.
- Supports digital and analog audio input and output.



Input	Output	Scaler	Description	Code
CV/SV/YUV/WUXGA/HDMI	HDMI	3D	CV/SV/PC/HD/HDMI 1080p Scaler Box	CP-2551

INSTANT HQV HDMI 1.3 SCALER BOX

DELUXE CV/SV, HDTV & HDMI CONVERTER & SCALER BOX WITH AUDIO

The Instant HQV HD Scaler box allows you to maximize the full benefits of the today's HDTV's. Using the Industry leading HQV Realta Video Processor to convert standard definition content (PAL/NTSC) into a crisp and detailed HD version, this Scaler box is unlike anything you have ever purchased. Giving you the freedom to enjoy the full benefits of high resolution video by recreating a cinema like experience in the comfort of your home, this device is a worthy addition to any home entertainment system. In addition, the HD inputs have been improved, allowing this HQV scaler to deliver crisp, stunning and noise free full HD video.

- 3D video decoder for optimal NTSC/PAL/SECAM video quality.
- HDMI1.3 Tx / Rx with Deep Colour and xvYCC colour gamut.
- True 10-bit HQV video processing.
- Motion adaptive four field de-interlacing for SD and HD input.
- AnyNoise™-Automatically detects different types of noise and applies the appropriate reduction algorithm.
- AnyCadence™-Automatically detects all different cadences including 3:2:3:2:2 and animation.
- MDDF (Multi Directional Diagonal Filtering) eliminates jaggies for both SD and HD input resolutions.
- Lip-sync audio delay.
- HQV Detail Enhancement - Processes the SD input image quality to approach HD output image quality.



Input	Output	Scaler	Description	Code
CV/SV/YUV	YUV/HDMI 1.3	HQV Realta CPU	HQV HDMI Scaler Box & Switch Deluxe	CSOT-2

This product does not process HDCP input. When receiving content that has HDCP encryption there will be no video output.



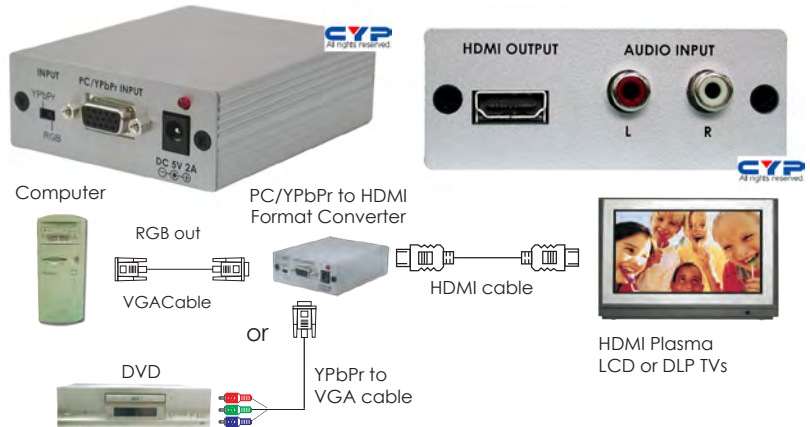
↓ HDMI Converters

PC/HD WITH AUDIO TO HDMI FORMAT CONVERTER

PC/HD WITH AUDIO TO HDMI FORMAT CONVERTER

The PC/HD to HDMI format converter converts analog PC RGBHV/YPbPr and audio signal to digital HDMI format. It allows you to connect the analog HD-15 RGBHV/YPbPr output from PC or Video equipment to the digital HDMI input of the latest HD ready plasma, LCD or DLP TV. Its high bandwidth capability supports a wide range of PC and HDTV resolutions.

- It enables you to connect computers with analog PC output or DVDs with YPbPr output to HDMI input of HD ready plasma, LCD or DLP TV.
- You can select input format as PC/RGBHV or HD/YPbPr.
- HDMI is compliant with HDMI 1.2
- Supports up to 1600 x 1200 @ 60 for PC input and 1920 x 1080p @ 60 for HD input.



Input	Output	Scaler	Description	Code
PC/YUV	HDMI		PC/HD With Audio to HDMI Format Converter	CP-261H

PC TO HDMI 1080P SCALER BOX

PC TO HDMI 1080P SCALER BOX

This Scaler Box is designed to upscale analog video signal from PC input source to digital HDMI output of wide-range HDTV and PC resolutions. Besides video upscaling the scaler box also converts input audio signal from TOSLink or L/R to both digital and analog formats, then output to HDMI combining with the video, TOSLink (optical fibre), and phone jack (L/R audio) simultaneously. This unit has a comprehensive OSD menu that allows users to select a variety of output resolutions and adjust for the best picture quality.

- HDMI 1.2, HDCP 1.1 and DVI 1.0 compliant.
- Scales any PC resolutions to PC (VGA ~ WUXGA)/ HD (480i ~ 1080p)
- Automatically detect the factory setting of the connected display and output the corresponding resolution and refresh rate, (NATIVE selected).
- Provides output picture adjustment on contrast, brightness, hue, saturation, sharpness, RGB (colour tone) level and aspect ratio size.
- Supports high resolution output.
- PC: VGA, SVGA, XGA, SXGA, UXGA, WXGA, WSXGA, WUXGA.
- SD/HD: 480i, 576i, 480p, 576p, 720p, 1080i and 1080p
- Supports stereo LPCM analog/digital audio input and stereo LPCM analog/digital output. Simply select among the audio input sources in the OSD menu, then output the audio to HDMI, TOSLink and phone jack.

Input	Output	Scaler	Description	Code
YUV/WUXGA	HDMI	Yes	PC to HDMI 1080p Scaler Box	CP-293



SCART TO HDMI SCALER BOX

RGB SCART TO HDMI SD [NO AUDIO]

A simple plug & play Scart to HDMI 720p scaler.

- Scales up SCART RGB video to HDTV 720p format.
- Automatic lip-sync (audio delay) ensures audio video synchronization.
- 720p HDMI output at 50Hz or 60Hz vertical rate, selectable using switch on the front panel.
- SCART audio is incorporated into HDMI out as well as pass through to phone-jack output.
- Input video systems - NTSC3.58 / PAL / RGB 50Hz / RGB 60Hz auto-detection.
- DVI compatible by using HDMI to DVI adaptor.

Input	Output	Scaler	Description	Code
SCART(RGB)	HDMI	Yes	Scart to HDMI scaler box	CS-720PHD





↓ HDMI Converters

CV/SV TO HDMI CONVERTER WITH AUDIO INPUT

ANALOGUE VIDEO TO HDMI CONVERTER WITH AUDIO INPUT

This is a Video to HDMI™ converter box that can convert CV/SV (NTSC or PAL system) to HDMI resolutions of XGA to UXGA or HD resolutions of 480p to 1080p. With frame rate conversion feature that allows users to view DVD, VCR or video game sources on the HD monitor/TV this device has an On-Screen Display function that allows users to easily select the output resolution and the audio input, after which both the video and audio signal are combined into an HDMI signal so they can be output to a compatible display.

- Operates in NTSC 3.58 and PAL system.
- Can convert CV/SV to HDMI format.
- PC resolutions: XGA, SXGA, UXGA.
- Component resolutions: 480p/576p, 720p, 1080p.
- 3D (frame based) motion adaptive YNR/CNR noise reduction.
- On-Screen Display.
- Advance 3D motion adaptive de-interlace.
- Automatic 2:2 & 3:2 film mode detection.
- 50/60 Hz frame rate conversion ensures glitch-free display.
- High-resolution output picture.
- Plug & play - no drive software required.



Input	Output	Scaler	Description	Code
CV/SV	HDMI	1080p	CVBS/SV to HDMI Converter with Audio Input	CM-398H
CV/SV	DVI-I	UXGA	CVBS/SV to DVI-I Converter	CM-398DI
CV/SV	PC/HD	UXGA	CVBS/SV to D-Sub or YUV	CM-398M

CV/SV TO HDMI SCALER BOX

VIDEO & AUDIO TO HDMI SCALER BOX WITH REMOTE

CM392 is designed to convert Composite and S-Video to a variety of computer and HDTV resolutions. It handles video input from TV systems of NTSC, PAL TV standards. Cypress CM-392 has many great features to enhance video performance and is ideal for use in professional large screen presentation.

- Motion adaptive 3D Y/C separation comb filter.
- 3D (Frame Based) motion adaptive YNR/CNR noise reduction.
- Advanced 3D motion adaptive de-interlace.
- Supports 50Hz to 60Hz frame rate conversion.
- Video quality improvement:
- DCTI (Digital chroma transient improve),
- DLTI (Digital luminance transient improve),
- Black level extension.
- Average picture level.
- Automatic contrast limiter.
- OSD menu for picture quality adjustment.
- Built in 8-bit DAC for RGB or YPbPr output.
- Front panel and IR remote control.
- Automatic NTSC/PAL video format detection and switching.



Input	Output	Scaler	Description	Code
CV/SV	HDMI	3D DCT1 DLT1	Video and L/R to HDMI Scaler Box	CM-1392M

CV/SV TO PC/HDTV SCALER

VIDEO TO PC & HDTV CONVERTERS

This economical Video to PC converter box that can convert CV/SV (NTSC or PAL system) to supported PC resolution like XGA to UXGA or HD resolutions of 480p to 1080p. With frame rate conversion feature that allows users to view DVD, VCR or Game sources on the PC monitor, this device also has an On-Screen Display that allows users to easily select their desired output resolution.

- Operates in NTSC 3.58MHz and PAL system.
- Can scale CV/SV to PC or Component format.
- PC resolutions: XGA, SXGA, UXGA (1600x1200px)
- Component resolutions: 480p/576p, 720p, 1080p.
- 3D (frame based) motion adaptive YNR/CNR noise reduction.
- On-Screen Display.
- Advance 3D motion adaptive de-interlace.
- Automatic 2:2 & 3:2 film mode detection.
- 50/60 Hz frame rate conversion ensures glitch-free display.
- Play video games on your VGA monitors.
- High-resolution output picture.
- Plug & play - no drive software required.

Input	Output	Scaler	Description	Code
CV/SV	PC/HD	UXGA	CVBS/SV to D-Sub or YUV	CM-398M
CV/SV	DVI-I	UXGA	CVBS/SV to DVI-I Converter	CM-398DI
CV/SV	HDMI	1080p	CVBS/SV to HDMI Converter with Audio Input	CM-398H





↓ HDMI Converters

CV/SV TO HDMI FULL HD SCALER & AUDIO

TV TO HDMI 1.3V 1080P UP-SCALER WITH AUDIO INJECTOR & TOSLINK OUTPUT

This Scaler Box is designed to upscale analog video signal from CV/SV input source to digital HDMI output of wide-range HDTV and PC resolutions. Besides video upscaling, the scaler box also converts digital/analog audio signal to digital/analog format, then output to HDMI combining with the video, TOSLink (Optical fibre), and phone jack (L/R audio) simultaneously. This unit has a comprehensive OSD menu that allows users to select a variety of output resolutions and adjust for the best picture quality.

- HDMI 1.2, HDCP 1.1 and DVI 1.0 compliant.
- Scales any video resolutions to PC (VGA ~ WUXGA) / HD (480i ~ 1080p) resolutions.
- Automatically detect the factory setting of the connected display and output the corresponding resolution and refresh rate, when the NATIVE output is selected.
- Supports 50/60 Hz frame rate conversion.
- 3-D motion video adaptive, 3-D de-interlacing and 3:2:2 pull down detection and recovery.
- Provides output picture adjustment on contrast, brightness, hue, saturation, sharpness, RGB (colour tone) level and aspect ratio size.
- PC output: VGA, SVGA, XGA, SXGA, UXGA, WXGA, WSXGA, WUXGA.
- SD/HD output: 480i, 576i, 480p, 576p, 720p, 1080i and 1080p
- Supports stereo LPCM analog/digital audio input and stereo LPCM analog/digital output. Simply select among the audio input sources in the OSD menu, then output the audio to HDMI, TOSLink and phone jack simultaneously.



Input	Output	Scaler	Description	Code
CV/SV	HDMI	Yes	CV/SV to HDMI 1080p Scaler Box	CP-295N

CV/SV TO HDMI FULL HD SCALER

TV TO HDMI 1.3V 1080P UP-SCALER WITH AUDIO INJECTOR

This scaler Box is designed to display your composite video/S-video images on the HDTV with better viewing resolutions. It can upscale any composite video & S-Video's input sources to HDMI output with wide-range resolutions. Further, this device also can inject audio for user to enjoy both HD images and sounds consistently. Convert video to HDMI 1.3 at 1080P for HDMI LCD TV / LCD monitor.

- HDMI 1.3 supports deep colour 12 bit, HDCP 1.1, DVI 1.0 compliance.
- Scales up Video or S-Video to HDTV 1080p format.
- Automatic lip-sync (audio delay) ensures audio video synchronization.
- Supports 8/10/12 bit deep colour on HDMI output up to 6M long cable.
- DVI compatible by using HDMI to DVI adaptor.
- HQE (High Quality Image enhancer) function.
- Digital Noise Reduction - Minimises picture noise, reproducing images true to original.
- Block Noise Reduction - Effectively minimizes all MPEG noise, Improving the digital quality of HDTV broadcasts in particular, where block noise happens most.
- MPEG Noise Reduction - Reduce mosquito noise video images without losing detail.
- Motion adaptive 3D Y/C separation comb filter.
- 3D (frame based) motion adaptive noise reduction.
- Advanced 3D motion adaptive de-interlace.
- Automatic 2:2/3:2 film mode detection.
- Automatic resolution selection and individual resolution selection button.



Input	Output	Scaler	Description	Code
CV/SV	HDMI 1.3	3D HQE DNR	Video to HDMI 1.3 Scaler Box	CVLUX-1080P

SCART TO HDMI 1.3 FULL HD SCALER BOX

RGB SCART CONNECTOR TO HDMI WITH AUDIO INJECTOR

This scaler Box is designed to display your analog video/RGB images on HDTV's with better viewing resolutions. It can upscale any SCART input source to HDMI output with a wide-range of resolutions. Incredibly, this device can also transfer sounds allowing everyone to enjoy both HD images and sounds. Convert video to HDMI 1.3 at 1080P for HDMI LCD TV / LCD monitor. Up scales video quality to HDMI resolution.

- Supports HDMI 1.3 12 bit deep colour, HDCP 1.1, DVI 1.0
- Scales up SCART to HDTV 1080p.
- Automatic lip-sync (audio delay) ensures audio video synchronization.
- Input video systems NTSC/PAL.
- Supports 8/10/12 bit deep colour HDMI output up to 6 metres away.
- DVI compatible by using an HDMI to DVI adaptor.
- HQE (High Quality Image enhancer) function.
- Digital Noise Reduction – Minimizes picture noise.
- Block Noise Reduction – Effectively minimizes all MPEG noise, Improving the digital quality of HDTV broadcasts particularly, where block noise happens most.
- MPEG Noise Reduction – Reduce mosquito noise for images without losing detail.
- 3D (frame based) motion adaptive noise reduction.
- Advanced 3D motion adaptive de-interlace.
- Automatic 2:2/3:2 film mode detection.
- Automatic and individual resolution selection buttons.
- HDMI output with RGB colour space design.



Input	Output	Scaler	Description	Code
SCART	HDMI 1.3	3D HQE DNR	SCART to HDMI 1.3 Scaler Box	CSLUX-1080P



↓ HDMI Converters

COMPONENT WITH DIGITAL AUDIO TO HDMI FORMAT CONVERTER

COMPONENT WITH DIGITAL OR ANALOGUE AUDIO INJECTOR

The component with digital audio to HDMI format converter is designed to convert analog YCbCr/YPbPr and Toslink to digital HDMI format. It allows you to connect the YCbCr/YPbPr output from DVD or Set-Top-Box receiver to the digital HDMI input of HDTV. Its high bandwidth capability supports HDTV resolution from 480i up to 1080p.

- It enables you to connect Set-Top-Boxes or DVDs with YPbPr/YCbCr and Toslink output to HDMI input of HD ready plasma, LCD or DLP TV.
- The input format is YCbCr/YPbPr and digital Toslink audio.
- HDMI 1.2 compliant.
- Supports up to 1920x1080p@60Hz.



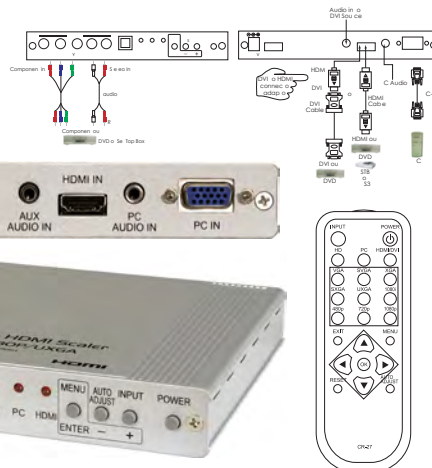
Input	Output	Scaler	Description	Code
YUV/Toslink	HDMI	No	Component to HDMI format With Fibre Optic Audio Input	CP-280H
YUV/Coax/3.5mm	HDMI	No	YPbPr/YCbCr+Audio to HDMI converter	CP-281H

COMPONENT/PC/HDMI TO HDMI SCALER UXGA

DIGITAL SCALER WITH ULTRA HIGH BANDWIDTH

An ideal company to your HDMI TVs, CP-255 series is a professional universal scaler with ultra high bandwidth (205MHz). It accepts both analog and digital input and outputs a variety of scaled DVI or HDMI resolutions.

- Both digital and analog inputs are format converted and pixel re-scaled.
- Outputs a big range of formats and resolutions to ensure highest picture quality.
- Analog RGB compliant input.
- Supports PC RGB input up to WUXGA @60Hz.
- Supports HDTV RGB/YPbPr/YCbCr up to 1080p @60Hz.
- DVI/HDCP/HDMI compliant input.
- Operates up to 165Mhz (Up to UXGA @60Hz).
- Integrated 8-bit triple-ADC/PLL.
- Integrated DVI/HDCP/HDMI compliant receiver.
- Dual high quality scaling engines. 3D noise reduction.
- Dual 3-D motion video adaptive deinterlacers with adaptive edge oriented adaptive algorithm for smooth low-angle edge.
- Automatic 3:2 pull-down & 2:2 pull-down detection and recovery. Proprietary Advanced Colour Engine technology.
- Brilliant and fresh colour. Intensified contrast and details.
- Vivid skin tone. Sharp edges. Independent colour control.
- Operates through on-screen OSD menu control and remote control.



Input	Output	Scaler	Description	Code
HDMI/YUV	HDMI	3D	HDMI Digital scaler with ultra high bandwidth	CP-255H

COMPONENT TO HDMI/OPTICAL/3.5mm AUDIO SCALER BOX

HD TO HDMI 1080P SCALER BOX

This Scaler Box is designed to upscale digital video signal from HD input source to digital HDMI output of wide-range HDTV and PC resolutions. Besides HD upscaling, the scaler box also converts digital/analog audio signal to digital/analog format, then output to HDMI combining with the video, Toslink (Optical fibre), and phone jack (L/R audio) simultaneously. This unit has a comprehensive OSD menu that allows user to select a variety of output resolutions and adjust for best picture quality.

- HDMI 1.2, HDCP 1.1 and DVI 1.0 compliant.
- Scales any HD resolutions to PC (VGA ~ WUXGA) / HD (480i ~ 1080p) resolutions.
- Automatically detect the factory setting of the connected display and output the corresponding resolution and refresh rate, when the NATIVE output is selected.
- Provides output picture adjustment on contrast, brightness, hue, saturation, sharpness, RGB (colour tone) level and aspect ratio size.
- Supports high resolution output.
- PC: VGA, SVGA, XGA, SXGA, UXGA, WXGA, WSXGA, WUXGA.
- SD/HD: 480i, 576i, 480p, 576p, 720p, 1080i and 1080p.
- Supports stereo LPCM analog/digital audio input and stereo LPCM analog/digital output.

Input	Output	Scaler	Description	Code
YUV	HDMI	Yes	YUV HD to HDMI 1080p Scaler Box	CP-294





↓ Analogue Converters

CV TO SCART RGB

RGB EXTRACTOR

Cypress CCR-2SRGB is a simple plug and play unit that let you view video without any quality loss, also great for enhancing picture quality.

- Automatically recognizes TV system of the video input and converts it to Scart RGB Sync.
- Regenerates Sync. and restored colour burst of the Video input to achieve an error-free standard RGB output.
- Ideal for use with TVs equipped with scart connector for enhancing picture quality.
- Audio source loop-through.



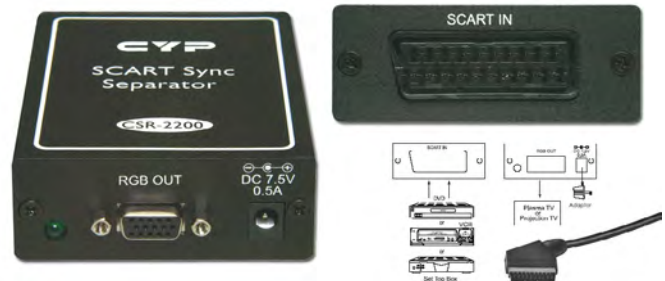
Input	Output	Scaler	Description	Code
CV	SCART	RGB Sync restore	Video to SCART converter	CCR-2SRGB

SCART-RGB TO VGA SYNC SEPARATOR

SCART-RGB TO HD15 RGB-HV

Not a scaler or format converter. Electronically separates the Horizontal and Vertical Sync information from RGB (SCART) connection for HD15 devices such as LCD & Plasma TVs, Projectors, Monitors, etc. Compact. Convenient. Input is SCART. Output is RGB-HV HD15. No audio.

- Operates in PAL, PAL M, PAL N, NTSC, NTSC 4.43, SECAM.
- Enhances picture quality by utilizing RGB input of your TV.
- Ideal for use with TVs that accepts 15KHz RGB input.



Input	Output	Scaler	Description	Code
SCART	RGB-HV	No	Sync Separator	CSR-2200

SCART RGB TO YUV CONVERTER

Cypress CSY-2100 is a high quality format converter designed to convert from RGB SCART to YUV component video (Y, R-Y, B-Y). This allows the older RGB type video sources to be displayed on the latest in high quality TV Monitor equipped with the new YUV inputs.

- Direct SCART socket in, converts RGB signal to the highest quality YUV (Y-Cb-Cr) signal as used with modern digital and analogue video equipment such as the new high grade TVs and even some digital screens. Now you can plug in your older, premium quality video sources into the latest technology!



Input	Output	Scaler	Description	Code
SCART	YUV	No. (Analogue)	RGB SCART to YUV RCA	CSY-2100

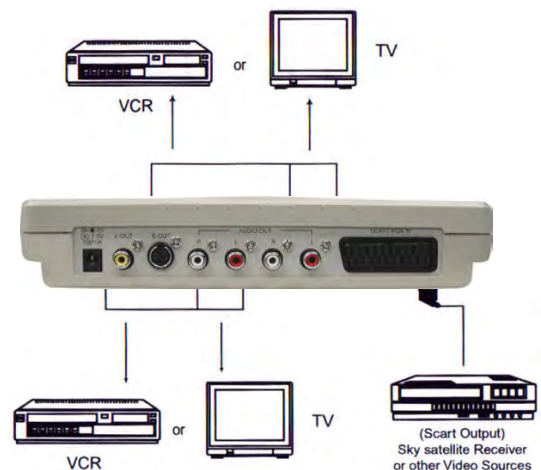
SCART RGB TO CV/SV CONVERTER

COMPONENT VIDEO & S-VIDEO OUTPUT

Cypress CRS-2000 SCART to SVHS converter is ideal for digital satellite receivers or DVD players that do not have a suitable S-Video output to feed a video projector or picture signal to a surround sound system.

- RGB to S-VHS/Composite Converter Plus Video Stabiliser

Input	Output	Scaler	Description	Code
SCART	CV/SV	Sync. Stabiliser	RGB to Video	CRS-2000



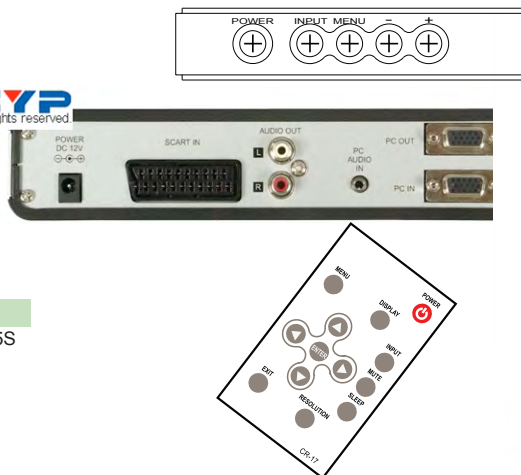


↓ Analogue Converters

SCART RGB & CV TO XGA SCALER

SCART RGB TO XGA CONVERTER

- High quality video scaler.
- Supports SCART RGB and Composite video input.
- Supports PC output resolution up to XGA(1024 x 768).
- 50/60 Hz frame rate conversion ensures glitch-free display of PAL source on any monitors.
- 3D motion adaptive de-interlacing jaggy-free picture.
- Adaptive non-linear noise reduction.
- Adaptive scan rate conversion.
- Luminance/Colour Transient improvement.
- OSD Controls: Brightness, Contrast, Tint, Colour and Sharpness adjustment.
- Includes remote control.
- Requires SCART to Composite or RGB type lead.



Input	Output	Scaler	Description	Code
SCART	PC	XGA	SCART RGB to XGA Converter	CM-345S

CV/SV TO XGA SCALER WITH TUNER

XGA PC ANALOGUE TUNER BOX

- High quality video scaler with TV tuner.
- Extensive video, audio and PC inputs: CV/SV/YCrCb/PC bypass/TV aerial as well as stereo and PC audio.
- Supports PC output up to XGA (1024x768).
- 50/60 Hz frame rate conversion ensures glitch-free display of PAL source on any monitors.
- Additional TV video out for recording or viewing on TV.
- 3D motion adaptive de-interlacing ensures jaggy-free picture.
- Adaptive non-linear noise reduction.
- Adaptive scan rate conversion.
- Movie mode reverse 3:2 pull down.
- Luminance/Colour Transient Improvement.
- Video over VGA Picture-on-Picture.
- Antenna/Cable auto programming and channel memory.
- PLL frequency synthesizer/full channel memory.
- MTS/SAP Stereo.

Input	Output	Scaler	Description	Code
CV/SV	PC	XGA	XGA PC Analogue Tuner Box	CM-345T



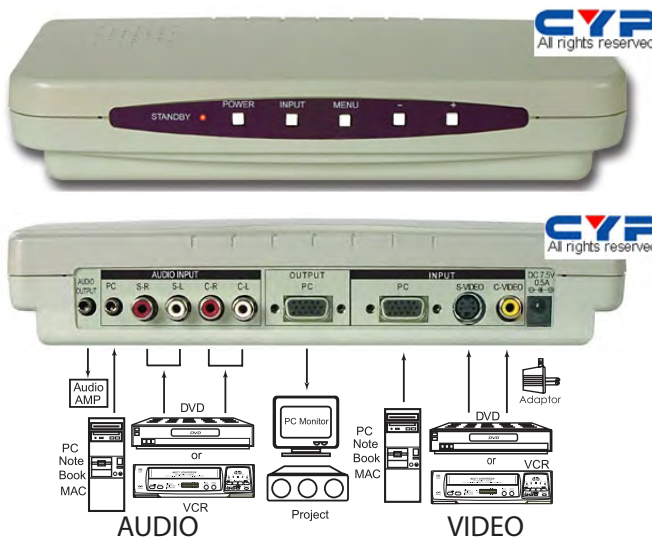
CV/SV TO VGA/XGA OPTIONAL TUNER

VIDEO TO XGA WITH PC AND AUDIO BYPASS

A low cost Video-to-XGA converter for LCD/PC monitor. Unlike similar products that convert video only to 640x480 VGA, CM-340 also converts video up to 800x600 SVGA and 1024x768 XGA. Each input has its own associated stereo audio connector, so it's easy to switch between a composite Video, S-Video or PC Input without moving around any cables. Accepts external composite video & S-Video and audio from a Video Game, VCR, Camcorder, Laser Disk, DVD Player or virtually any other video source for display on computer monitor.

- Up-conversion from Video to VGA, SVGA or XGA.
- Operates in NTSC, PAL input automatically.
- Superior VGA, (SVGA & XGA) output quality.
- Adjustable control on Colour, Brightness, Contrast and Tint.
- Plug & Play - No driver software required.
- On Screen Display (OSD) adjustment.
- Stereo audio input and output.
- Bypassed PC output saves the work of re-plugging when changing between video and PC sources.

Input	Output	Scaler	Description	Code
CV/SV	PC	VGA	Video to VGA	CM-331
CV/SV	PC	VGA	With Analogue Tuner	CM-331T





↓ Analogue Converters

PC TO VIDEO CONVERTER UXGA

D-SUB VGA & UXGA TO CV/SV INTERLACED DOWN SCALER

The CPT-385A PC to Video scan converter box is designed to convert a variety of computer images, from 640x480 up to 1600x1200, to interlaced NTSC or PAL video. It supports output formats including composite and S-Video. It is ideal for use in applications like video conference, home theatre, business presentation, lecturing room or viewing PC image on TV.

- Automatically detects and down converts the incoming PC images to NTSC or PAL.
- Support high resolution PC input up to UXGA (1600x1200@60Hz).
- Scale down PC video to Composite/S-Video.
- Switch between NTSC/PAL.
- Image Overscan/Underscan selection.
- Easy to install and simple to operate.
- Easy to carry with palm size design.
- Power supply:DC 5V, 1A



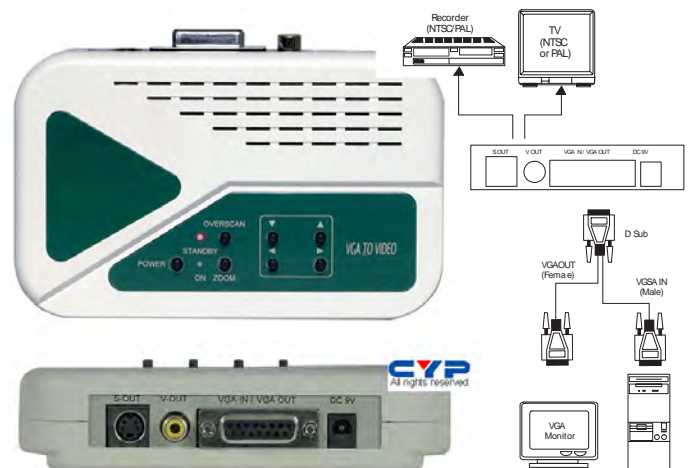
Input	Output	Scaler	Description	Code
PC	CV/SV	UXGA	1600x1200px PC to Video Converter	CPT-385A

PC TO VIDEO SCALER XGA

D-SUB TO D-SUB & CV/SV INTERLACED DOWN SCALER

Turn Your PC masterwork into Crisp Video Image. Enjoy PC games, PC movies and Internet on TV. Education and business presentation.

- CPT-350 converts three VGA modes - 1024x768, 800x600, 640x480 - into NTSC or PAL
- Plug-and-play design, no software drivers required.
- Cross-platform compatibility for PC, Macintosh and Notebook.
- Traditional Zoom & Pan.
- Vertical and horizontal overscan/underscan control.
- Simultaneous display on PC and TV monitor.
- Composite, S-Video (S-VHS or Hi-8) output.
- Automatically supports scan rate from 50 Hz up to 100 Hz.
- Selective high clarity 5-line anti-flicker filter.
- Palm size, ideal for hand held.



Input	Output	Scaler	Description	Code
PC	CV/SV	XGA	1024x768px PC to Video Converter	CPT-350

PC/HD TO VIDEO CVBS CONVERTOR

PC/HD TO VIDEO CVBS CONVERTOR

The PC/HD to Video Scan Converter is designed to down scale PC/Component source to analog CVBS (NTSC,PAL) signal. Supporting PC resolution up to WUXGA@60hz, this scaler also helps connects new video sources to older displays. The device features many great functions such like 3D noise reduction, frame rate conversion, adaptive contrast enhancement, etc. Further, a simplified OSD function is available allowing user with easy viewing of the displaying status.

- Security camera display
- Displaying PC signal on any TV display
- Converts video signal from PC/component source to NTSC or PAL signal
- Accepts a wide range of component input resolution from 480i to 1080p@60Hz and PC from VGA to WUXGA@60Hz
- 3D noise reduction in both temporal and spatial domain
- Frame rate conversion (PC to CV)
- Adaptive contrast enhancement
- OSD Display
- Overscan and underscan adjustment
- Phase and Aspect adjustment
- No software installation required
- Compact and elegant design
- Does not support interlace source signal conversion between 50/60Hz
- Does not support 480i and 1080i@60 to PAL frame rate conversion
- Does not support 576i and 1080i@50 to NTSC frame rate conversion



Input	Output	Scaler	Code
VGA	CVBS	VGA to WUXGA	CV-401V



↓ Analogue Converters

CV/SV TO PC SCALER

COMPOSITE & S-VIDEO TO D-SUB UP-SCALE

A low cost video to PC converter that converts Composite or S-Video (NTSC or PAL system) to PC resolutions of either XGA, SXGA, WXGA (or UXGA). Allows you to view your DVD, VCR or game video source on your PC monitor.

- Operates in NTSC 3.58 and PAL system.
- Motion adaptive 3D Y/C separation comb filter (for composite video input).
- 3D (frame based) motion adaptive YNR/CNR noise reduction (for Y/C video input).
- Advance 3D motion adaptive de-interlace.
- Automatic 2:2 & 3:2 film mode detection.
- 50/60Hz frame rate conversion ensures glitch-free display.
- Play video games on your VGA monitors.
- High-resolution output picture.
- Plug & play - No drive software required, easy to install.
- Palm size.
- Power supply: DC 3.3V, 1.5A

Input	Output	Power	Scaler	Description	Code
CV/SV	PC	3.3V 1.5A	WXGA	1366x768px Up-Scaler	CM-396A
CV/SV	PC	5V, 1A	UXGA	1600x1200px Up-Scaler	CM-398



CV/SV TO PC/HD SCALER

VIDEO TO PC/HD SCALER BOX

Convert Composite Video, S-Video, YCbCr, and RGB signals to a variety of computers and HDTV resolutions. It accepts video input of all video systems - NTSC, PAL and SECAM. CM-347 has many great features to upgrade video source to high resolution PC or HDTV quality and is ideal for use in professional large screen presentation.

- Video inputs are 3D de-interlaced and scaled up to PC or HDTV output resolution.
- Automatically accommodates worldwide input video systems of NTSC 3.58, NTSC 4.43, PAL, PAL M, PAL N, and SECAM.
- High performance adaptive digital 4H Comb filter Y/C separator with adjustable vertical peaking.
- Motion compensated de-interlacing algorithms to produce a clear and artifact-free progressive scan video signal.
- Built-in adaptive film mode 3:2/2:2 pull-down provides clear and crisp de-interlacing of video originating from 24 fps, such as DVD movies.
- Frame rate up conversion from 50 up to 85Hz.
- Vertical temporal filter (VT) removes jaggy and other de-interlacing artifacts from normal video.
- OSD menu with adjustable control on Colour, Sharpness, Brightness, Contrast and Tint (NTSC).
- Last memory for all adjustments.

Input	Output	Scaler	Description	Code
CV/SV	PC/HD	SXGA	1080i or 1280x1024px max.	CM-347



CV/SV TO YUV/RGB FORMAT CONVERTER

CV/SV TO YCbCr/RGB FORMAT CONVERTER

CP-VSRGB is designed for converting Composite Video/S-Video signal such as iPod, DVD, X-Box to the component or RGB for connecting to SDTV or projector.

- Automatically recognizes the source system.
- Suitable for worldwide video system of NTSC 3.58, NTSC 4.43, PAL, PAL-M, PAL-N and SECAM.
- Supports Composite video and S-Video input.
- The Output format is selectable between RGB and YCbCr.
- Power saving mode.
- Simple plug and play unit.

Input	Output	Scaler	Description	Code
CV/SV	YUV/RGB	SD	CV/SV to YCbCr/RGB Format Converter	CP-VSRGB





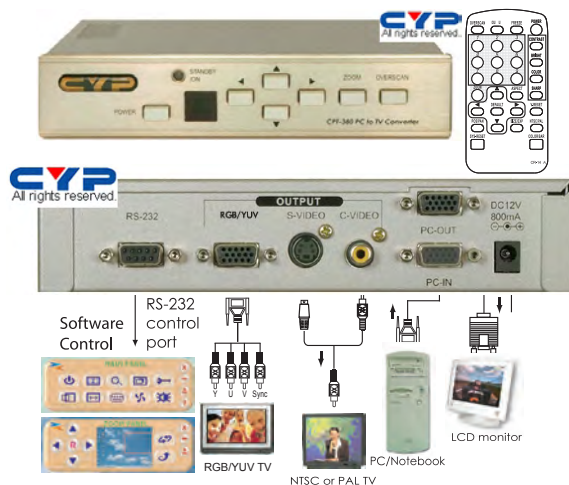
↓ Analogue Converters

PC TO TV CONVERTER

D-SUB TO D-SUB & RGB / YUV / SV / CV

The CPT-380RGB PC to TV scaler converter is designed to convert a variety of computer images from 640x480 up to 1600x1200@60Hz, to interlaced NTSC / PAL / RGB or YUV. It is ideal for use in applications like video conference, home theatre, business presentation, lecturing room or viewing PC image on TV.

- Automatically detects and down converts the incoming PC images to NTSC, PAL, RGB or YUV.
- Support high resolution PC input up to UXGA (1600x1200@60Hz).
- Output video format is selectable between composite/S-Video, YUV and RGB through a control button on the remote.
- Support high input refresh rate up to 140Hz(VGA).
- Adjustable images scaling.
- Pan, Position and Zoom.
- Advance 2-D flicker filter ensures flicker-free picture.
- Adjustment and control through RS-232 interface.
- Useful functions, overscan, freeze, test pattern, magnifier.
- Remote control and OSD operation display.



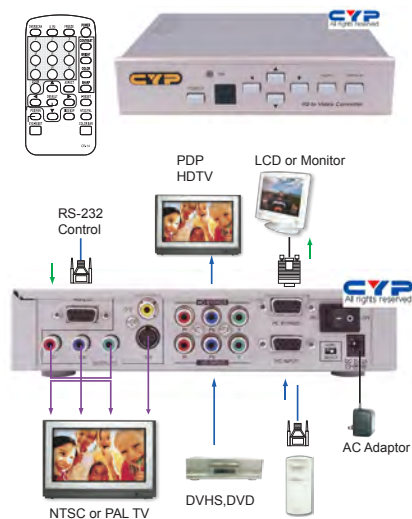
Input	Output	Scaler	Description	Code
PC	CV/SV	XGA 1024x768px	PC to RGB/YUV/SV/CV	CPT380-RGB

PC/HDTV TO CV/SV/YUV SCAN CONVERTER

UXGA 1600x1200px/1080i to CV/SV/YUV

CHD-380A is a high performance and multi-format Video Scan Converter. It is designed to convert not only PC but also HDTV images to interlaced NTSC/PAL and component output. It is ideal for use in applications like video conference, home theatre, business presentation, lecturing room or viewing PC/HDTV images on TV.

- PC or HDTV input and down converters to NTSC or PAL, Component output.
- Supports PC input up to UXGA (1600 x 1200@60Hz) HDTV input up to 1080i@60Hz.
- Output video format is selectable between composite/S-video and component (YCbCr).
- Supports high input refresh rate up to 140Hz (VGA)
- Additional HD-15 and 3 RCA connectors for looping through PC and HDTV input signal.
- Adjustable image scaling: Pan, Position and Zoom.
- Advanced 2-D flicker filter ensures flicker-free picture.
- Aspect adjustment for wide-screen HDTV source.
- Adjustment contrast, brightness, colour, sharpness.
- Useful function-overscan, freeze, test pattern, magnifier.
- Adjustment and control through RS-232 interface.
- Remote control, OSD operation display.



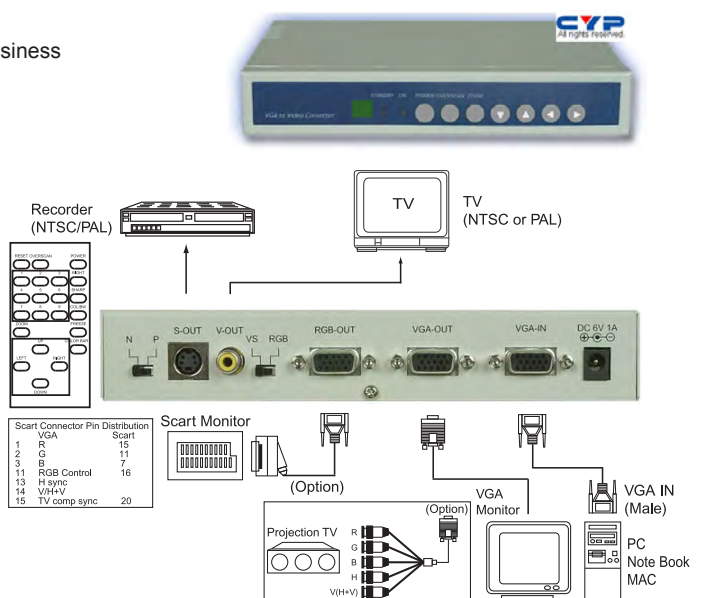
Input	Output	Scaler	Description	Code
PC/HD	CV/SV/YUV	UXGA 1600x1200px	PC/HDTV to Video Scan Converter	CHD-380

DELUXE PC TO VIDEO CONVERTER

DELUXE PC TO VIDEO CONVERTER

Turn your PC masterwork into Crisp Video Image. Education and business presentation. Enjoy PC games, PC movies and Internet on TV.

- It converts three most often used PC modes - 1024x768, 800x600, 640x480 into NTSC and PAL with a touch of the remote control.
- Plug-and-play design, no software drivers required.
- Cross-platform compatibility for PC, Macintosh and Notebook.
- 3 levels of brightness control plus 8 levels of sharpness control.
- Traditional Zoom & Pan.
- 2X Zoom for one specific area.
- Screen freeze/unfreeze.
- Vertical and horizontal overscan/underscan control.
- Simultaneous display on PC and TV monitor.
- Composite, S-Video (S-VHS or Hi-8) and RGB output.
- Video output available in NTSC and PAL.
- Automatically supports scan rate from 50 Hz up to 100Hz.
- Selective high clarity 5-line anti-flicker filter.
- Built-in colour bar generator.



Input	Output	Scaler	Description	Code
PC	CV/SV	XGA 1024x768px	Deluxe PC to Video Converter	CPT-360



↓ Analogue Converters

YUV TO PC/RGB COLOUR SPACE CONVERTER

COMPONENT TO RGB COLOUR SPACE CONVERTER

Component to RGB colour Space Converter is a plug-n-play component (YPbPr/YCbCr) to RGBHV colour space converter. It allows you to view HDTV programs from your DVD players, video games or HDTV Set Top Box on the PC monitors or projectors via PC VGA input.

- Simple to operate, plug and play.
- Hot plug-n-play
- Supports all component interlaced and progressive formats.
- Output is RGBHV on HD-15 connector.
- Most of PC monitors accept multi-sync input and can lock onto the signal timing of the device's RGB output and show picture

Input	Output	Scaler	Description	Code
YUV	RGBHV	Sync Converter	Component to RGB colour space converter	CP-265



HDTV TO CV/SV CONVERTER

SCALE DOWN & TIMING

This is a HD to Video with HD bypass scan converter box. It is designed to convert a variety of HD images, from 480p up to 1080p and converts them to NTSC or PAL standards video and HD images bypass. Simply use switch to select NTSC/PAL output format, users also can adjust the overscan/underscan from the front panel. It is ideal for modern use in older technologies, recording to VCR, watch on CRT-TV, etc.

- Supports high resolution HD input from 480p up to 1080p.
- Supports component (YPbPr) input and scale down to Composite video/S-video output or HD bypass.
- Switch between NTSC/PAL
- Image Overscan/Underscan selection.
- Easy to install and to operate.

Input	Output	Scaler	Description	Code
YUV	CV/SV	Down	HD to Video Converter	CPT-387



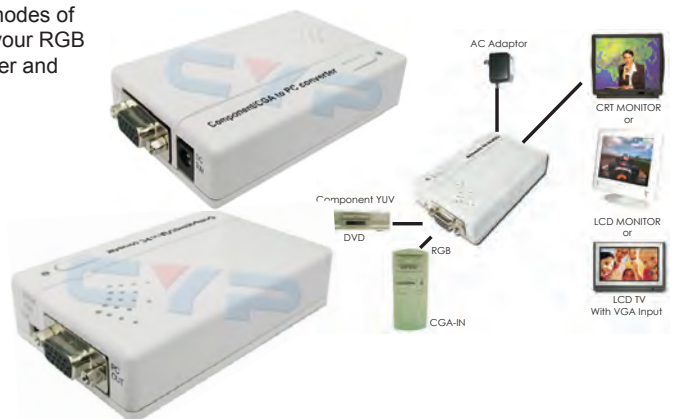
COMPONENT/RGB TO PC CONVERTER

COMPONENT/RGBHV, RGB H+V or RGsB TO PC CONVERTER

Converts CGA (RGB) or Component (YCbCr) format to HD15 out. 3 PC modes of VGA/XGA and WXGA are available for output. It enables you to connect your RGB or YCbCr signal source such as game boards to a PC display. Inbuilt scaler and frame rate converter.

- Accepts RGB or YCbCr format and converts to PC format.
- Scales CGA/Component YCbCr 480i/576i up to VGA/XGA/WXGA
- 50/60Hz frame rate conversion ensures glitch-free display.
- RGBHV, RGB H+V or RGsB (sync. on G)
- Play video games on your PC monitors.
- Automatic 3:2/2:2 film mode detection.
- High-resolution output picture.
- Plug & Play - No driver software required, easy to install.

Input	Output	Scaler	Description	Code
RGB/YUV	PC	WXPA	Component/RGB to 1280x768px	CM-397





↓ Analogue Converters

PC/HDTV TO PC/HDTV SCALER SXGA

D-SUB OR YUV TO D-SUB OR YUV WITH UP/DOWN SCALING WITH OSD ADJUST

High-performance universal PC/HDTV to PC/HDTV converter. It combines the functions of a video scaler, scan converter, format converter and is packed into a compact and durable metal housing with easy to use touch buttons. The CP-251F is controlled via push button and OSD menu. The controls include input/output setup, picture adjustment, H/V phase adjustment, system information and many other advance features.

- CP-251F not only is a video scaler it is also a scan converter and a format converter.
- The resolution of any PC or HDTV inputs can be scaled up or scaled down to any other PC or HDTV resolution, along with its frame rate converted to a selectable frequency.
- 48 MB frame memory for frame rate conversion.
- Signal format conversion between RGBHV and YPbPr.
- Input: PC(VGA/SVGA/XGA/SXGA)+
- Input: HDTV(480i/576i/480p/567p/720p/1080i), Fv: 60 to 85 Hz
- Output: PC(VGA/SVGA/XGA/SXGA)+
- Output: HDTV(480p/576p/720p/1080i).
- Input mode auto detection.
- Input Setup allows for fine-tuning the output picture to a best condition through the adjustment of ADC sampling clock, and phase.
- Easy to use push buttons and OSD menu control.



Input	Output	Scaler	Description	Code
SXGA/YUV	SXGA/YUV	Res & Fps	PC/HDTV to PC/HDTV Converter	CP-251F

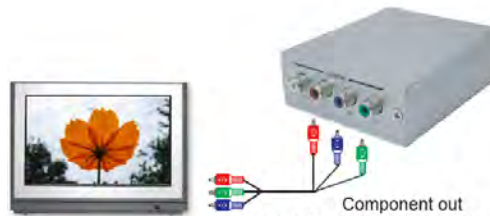
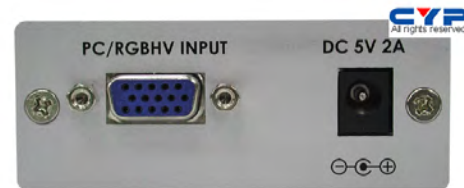
PC TO YUV COLOUR SPACE CONVERTER

RGBHV TO YPBPR COLOUR SPACE CONVERTER

The RGBHV to YPbPr Colour Space Converter is designed to convert PC RGB signal to YPbPr signal for display on HDTV/PDP/LCD TV. This device is built with a plug-n-play function for user's convenience and enables users to view PC graphic image on HDTV via YPbPr connector. Since the input signal is not scaled, the signal timing of input and output are the same.

- Simple to operate, plug and play.
- View PC image on component HDTV.
- Compatible with both interlaced and progressive RGB input.

Input	Output	Scaler	Description	Code
PC	YUV	No Scale/Sync	480p/720p colour space Converter	CP-264



Component HD display

- Component out
- : No, similar, or matching resolution in YPbPr domain.
 - ▲ : Since the timing of component out does not exactly match a standard HD 720p, some TVs may not be able to show picture.
 - : Output acceptable by all TVs.



PC TO YUV

1600x1200 TO YUV

This is a scan converter box to convert a variety of computer image to Component signal. It supports input resolution up to UXGA (1600x1200@60Hz) and output resolution supports 480i or 576i. This is ideal for use in applications like video conference, home theatre, business presentation, lecturing room or viewing PC image on TV.

- Scale down the input PC image and convert it to Component signal.
- Supports high resolution PC input up to UXGA (1600x1200@60Hz).
- Supports output resolution: 480i or 576i.
- Easy to carry with palm size design.

Input	Output	Scaler	Resolution	Description	Code
PC	YUV	UXGA To 480i/576i	480i	1600x1200 to YUV	CPT-386



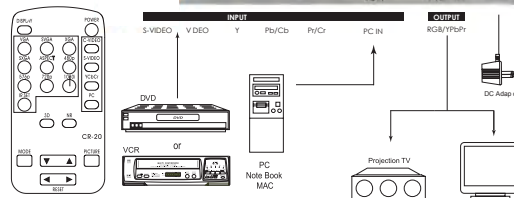


↓ Analogue Converters

CV/SV/YUV/PC TO YUV/PC PROFESSIONAL SCALER PROFESSIONAL SXGA

Cypress's CSC-200P is designed to convert Composite S-Video and YCbCr signals to a variety of computer and HDTV resolutions. It handles video input from TV systems NTSC, PAL and SECAM TV standards. Cypress CSC-200P has many great features to enhance performance and is ideal for use in professional large screen presentation.

- Video inputs are de-interlaced and scaled up to output resolution as below:
- PC output : 640x 480, 800x 600 (SVGA), 1024 x768 (XGA), 1280 x 1024(SXGA).
- HDTV output: 852 x 480p, 852 x 576p, 1280 x 720p, 1920 x 1080i.
- Automatically accommodates input video systems of NTSC 3.58, PAL and SECAM.
- High performance adaptive 3D Comb filter Y/C separator.
- Per-pixel motion compensated de-interlacing algorithms to produce artifact-free progressive scan video signal.
- Built in Adaptive film mode 3:2 pull-down provides clear and crisp de-interlacing of video originating from 24 fps film, such as DVD movies.
- Frame rate conversion from 50Hz up to 60Hz (PAL), or 60Hz up to 60Hz (NTSC).
- Vertical temporal filter (VT) removes jaggy and de-interlacing artifacts from video.
- OSD menu with control on Colour, Sharpness, Brightness, Contrast and Tint (NTSC).
- Built-in DCTI/DLTI circuit for colour/luminance transient improvement.
- The PC loop-through allows for easy change between video and PC source.
- Last memory for all adjustments.
- IR Remote control.



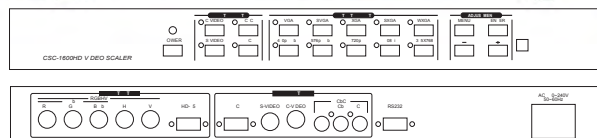
Input	Output	Scaler	Description	Code
CV/SV/YUV/SXGA	SXGA/YUV	3D	Video Scaler Pro with RS-232	CSC-200

CV/SV/YUV/PC TO YUV/PC PROFESSIONAL SCALER PROFESSIONAL WXGA

SCALE UP TO WXGA 1365x768px 1080i 85Hz

CSC-1600HD is a high performance intelligent video scaler for converting any standard of video to, among others, non-interlaced high resolution HDTV 720P picture or SXGA (1280 x 1024) PC resolution. With a variety of output pixel rate, you can always choose a suitable resolution to match the native resolution of your display TV/Monitor such that the final displayed picture is free of distortion and at highest quality.

- Video inputs are de-interlaced and scaled up to output resolutions:
- PC output : 640x 480, 800x 600 (SVGA), 1024 x768 (XGA), 1280 x 1024(SXGA), 1280 x 768(WXGA), 1365 x 768
- HDTV output: 852x480p, 852x576p, 1280x720p, 1920x1080i 16:9
- Automatically accommodates worldwide input video systems of NTSC 3.58, NTSC 4.43, PAL, PAL M, PAL N, and SECAM.
- adaptive 4H Comb filter Y/C separator with adjustable vertical peaking.
- Per-pixel motion compensated de-interlacing algorithms to produce artifact-free progressive scan video signal.
- Built in Adaptive film mode 3:2 pull-down provides clear and crisp de-interlacing of video originating from 24 fps film, such as DVD movies.
- Frame rate up conversion from 50Hz / 60Hz / 75Hz / 85Hz.
- Vertical temporal filter (VT) removes jaggy and de-interlacing artifacts.
- OSD menu control Colour, Sharpness, Brightness, Contrast.
- Built-in DCTI/DLTI circuit for colour/luminance transient improvement.
- RS-232 interface allows remote control from PC.



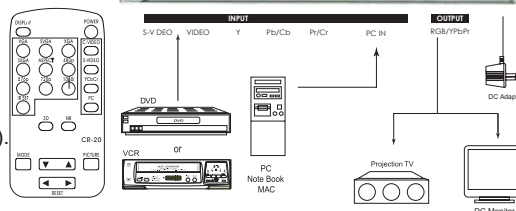
Input	Output	Scaler	Description	Code
CV/SV/YUV/WXGA	YUV/WXGA	VT DCT1 DLT1	Video to WXGA Scaler Pro Grade	CSC-1600HD

CV/SV/YUV/PC TO YUV/PC PROFESSIONAL SCALER PROFESSIONAL UXGA

VIDEO TO UXGA 1600X1200PX SCALER

CSC-210 is designed to convert Composite, S-Video and YCbCr/YPbPr or PC signals to a variety of computer resolutions. It handles video input from TV systems NTSC, PAL TV standards. Cypress CSC-210 has many great features to enhance performance and is ideal for use in professional large screen presentation using VGA type HD15 connections.

- Professional scaler/de-interlacer for CV, SV, YCbCr/YPbPr and PC inputs.
- All inputs can be scaled up to output resolution as below
- PC output: 640x480, 800x600(SVGA), 1024x768(XGA), 1280x1024(SXGA), 848x480(WVGA), 1280x768(WXGA), 1360x768, 1600x1200(UXGA).
- Automatically accommodates input video systems of NTSC 3.58 and PAL.
- High performance adaptive 3D Comb filter Y/C separator.
- Per-pixel motion compensated de-interlacing algorithms to produce artifact-free progressive scan video signal.
- Built in Adaptive film mode 3:2 pull-down provides clear and crisp de-interlacing of video originating from 24 fps film, such as DVD movies.
- Frame rate conversion 50Hz / 60Hz.
- Vertical temporal filter (VT) removes jaggy de-interlacing artifacts.
- OSD menu with control on Colour, Detail, Brightness, Contrast and Hue (NTSC).
- Built-in DCTI/DLTI circuit for colour/luminance transient improvement.
- Last memory for all adjustments.
- RS-232 interface allows remote control from PC.



Input	Output	Scaler	Description	Code
CV/SV/YUV	UXGA	VT DCT1 DLT1	Video to UXGA Scaler	CSC-210



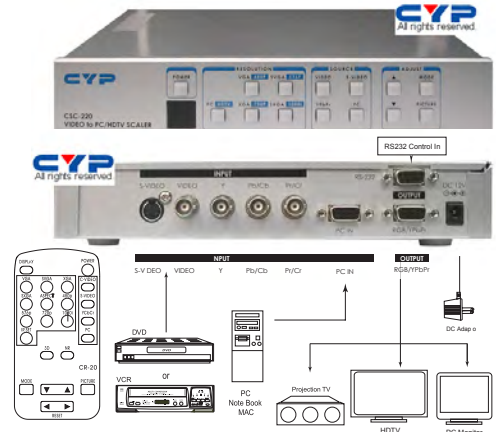
↓ Analogue Converters

CV/SV/YUV TO PC/HDTV SCALER DE-INTERLACER PROFESSIONAL

VIDEO TO SXGA / 1080i SCALER

Cypress's CSC-220 is designed to convert Composite, S-Video, YCbCr/YPbPr and PC signals to a variety of computer and HDTV resolutions. It handles video input from TV systems NTSC, PAL and SECAM TV standards. Cypress CSC-220 has many great features to enhance performance and is ideal for use in professional large screen presentations using HD15 or HDTV type inputs.

- Professional universal scaler/de-interlacer.
- Inputs CV, SV, YCbCr/YPbPr and PC inputs.
- All inputs can be scaled up to output resolution as below.
- PC output : 640x480(VGA), 800x600(SVGA), 1024x768(XGA), 1280x1024(SXGA).
- HDTV output: 480p, 576p, 720p, 1080i.
- Automatically accommodates input systems of NTSC, PAL SECAM.
- High performance adaptive 3D Comb filter Y/C separator.
- Per-pixel motion compensated de-interlacing algorithms to produce artifact-free progressive scan video signal.
- Adaptive film mode 3:2 pull-down deinterlacing of 24 fps film, such as DVD movies.
- Frame rate conversion from 50Hz / 60Hz.
- Vertical temporal filter (VT) removes jaggy and other de-interlacing artifacts.
- OSD menu with control on Colour, Detail, Brightness, Contrast and Hue (NTSC).
- Built-in DCT1/DLTI circuit for colour/luminance transient improvement.
- RS-232 interface allows remote control from PC.
- IR Remote control.



Input	Output	Scaler	Description	Code
CV/SV/YUV	UXGA/YUV	VT DCT1 DLT1	Video to UXGA Scaler	CSC-220

CV/SV TO PC/HD SCALER BOX

VIDEO TO WUXGA OR YPbPr CONVERTER SCALER

This professional video scaler is designed to convert Composite and S-Video signal into PC(RGB) or HD(YPbPr) format. Scales it up to a maximum output of WUXGA 1920 x 1200 @ 60 fps (when used with a PC monitor) or 1080p resolution (when used with an HDTV display). Capable of handling NTSC and PAL TV standards, this device has many built-in processing features to enhance the quality of your video.

- Motion adaptive 3D Y/C separation comb filter (for improved composite video conversion).
- 3D (frame Based) motion adaptive YNR/CNR noise reduction.
- Advanced 3D motion adaptive de-interlace.
- Automatic 2:2/3:2 film mode detection.
- 50Hz or 60Hz frame rate conversion (480p/576p excluded).
- Video quality improvement.
- Digital Chroma Transient Improvement.
- Digital Luminance Transient Improvement.
- Black level extension.
- Average Picture Level.
- Automatic Contrast Limiter.
- OSD menu for picture quality adjustment.
- Built-in 10-bit DAC for RGB or YPbPr output.
- Front Panel and IR remote control.
- Automatic NTSC/PAL video format detection and switching.



Input	Output	Scaler	Description	Code
CV/SV	WUXGA/YUV	3D DCT1 DLT1	Video to WUXGA-YUV Scaler Box	CM-1390M

PC/HD TO PC/HD SCALER WUXGA

D-SUB OR YUV TO D-SUB OR YUV WITH UP/DOWN SCALING WITH OSD ADJUST

This Scaler Box is designed to upscale PC/HD input sources to PC/HD output of wide-range PC/HD resolutions; This unit has a comprehensive OSD menu that allows users to select a variety of output resolutions and adjust for the best picture quality.

- Scales any PC/HD resolutions to PC (VGA ~ WUXGA)/HD (480i ~ 1080p) resolutions.
- Provides output picture adjustment on contrast, brightness, hue, saturation, sharpness, RGB (colour tone) level and aspect ratio size.
- Supports high resolution output.
- PC: VGA, SVGA, XGA, SXGA, UXGA, WXGA, WSXGA, WUXGA.
- SD/HD: 480i, 576i, 480p, 576p, 720p, 1080i and 1080p.
- Supports YPbPr/RGBHV input/output.

Input	Output	Scaler	Description	Code
YUV/WUXGA	YUV/WUXGA	Yes	WUXGA scaler with ultra high bandwidth	CP-291





20 MISC HOME THEATRE

↓ Analogue Converters

PC TO VIDEO OVERLAY

SUPER-IMPOSE PC GRAPHICS OVER A VIDEO IMAGE

The PC to Video overlay system is designed to overlay PC/Graphics on to video signal and also can convert a variety VGA sources to Video signal. It is ideal for using in applications like video conference, home theatre, business presentation and lecturing room.

- Superimpose PC text and graphics on to another video signal.
- Support VGA to Video conversion.
- VGA: 640 x 480, 800 x 600, 1024 x 768, 1280 x 1024, 1600 x 1200
- Video: NTSC, NTSC4.43, PAL, PAL-M, PAL-N or SECAM
- Support Zoom and Pan functions.
- Support vertical and horizontal overscan/underscan control.
- Automatically support frame rate conversion from 56Hz up to 85Hz.
- Cross-platform compatibility for PC, Macintosh and Note book.
- Plug-and-Play design, no software driver required.
- Simultaneously display on the PC and TV monitor.

Input	Output	Scaler	Description	Code
PC & CV/SV	CV/SV	1600x1200px	PC to Video Overlay	CPT-1370



VIDEO STABILIZER

DIGITAL-HOLD HI-RESOLUTION VERSION

Now with S-Video connections. A premium quality, hi-res unit with digital circuitry for best results & Hi-RES. The CCR9 has composite and S-VHS. Rebuilds the sync for stability. This digital version is needed for use between newer videos and especially recording to DVD-R. Record between DVD and/or VCRs. Also plugs inline between your Digital Pay-TV box and system for additional stability.

Input	Output	Scaler	Description	Code
CV/SV	CV/SV	Sync.	Stabiliser	CCR-9



↓ PAL-NTSC Converters

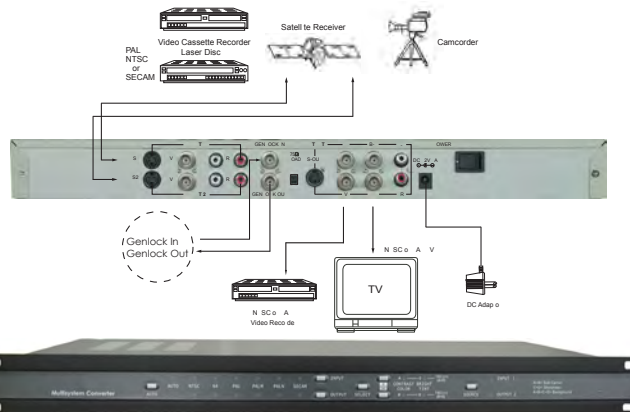
PAL/NTSC SYSTEM CONVERTER DIGITAL TBC

PROFESSIONAL GRADE WITH TBC/GENLOCK

CDM-831T Multi-system Converter provides broadcast quality conversion between numerous worldwide broadcast television standards N3, N4, PAL, PAL M, PAL N, Secam.- Built-in TBC Genlock capability for synchronizing multiple asynchronous video sources.

- Two sets of video and S-VHS inputs. Input system auto detection.
- One output for each of composite video, S-VHS and Y, B-Y, R-Y.
- Digital conversion from input TV signals of NTSC 3.58, NTSC 4.43, PAL, PAL M, PAL N, SECAM to output signals of NTSC 3.58, NTSC 4.43, PAL, PAL M, PAL N, SECAM.
- Digital comb filter for input system decoding.
- Built-in Time Base Correction function for signal synchronization.
- Built-in automatic gain control (AGC) function ensures 1 Vp-p output signal (input level can range from 0.5 Vp-p to 2 Vp-p).
- Full digital decoding and encoding; highly integrated digital processing reduces the board size and ensures reliable quality.
- A colour-bar pattern will automatically appear on the TV screen when there is no video signal present on the input.
- TBC is active at all time, even in the bypass mode.
- Built-in TBC. Genlock for synchronizing multiple video sources.
- Adjustable control on contrast, brightness, colour, Tint.
- Horizontal/Vertical phase of TBC video.

Input	Output	Scaler	Description	Code
CV/SV	CV/SV	Digital Field & Line	Worldwide Super Multi-system Converter with TBC/GENLOCK	CDM831-TR



CYPRESS VIDEO SYSTEM CONVERTER CV/SV

FRAME RATE AND RESOLUTION CONVERSION

Digital Converter 8Mb cache NTSC/PAL/SECAM to PAL/NTSC 525 lines to/from 625 lines Refresh 50Hz to/from 60Hz Composite video In Out and S-Video In and Out Fine tune off-set adjust Sampling frequency 13.5MHz Digital Code Bit: 8 bits 5Vdc Power-Pack supplied Optional Car Supply available Metal 145x95x33mm.

- Supports digital conversion from NTSC, N4, PAL, PAL M, PAL N and SECAM to NTSC/PAL.
- Converts 525 lines to/from 625 lines.
- Converts refresh frequency between 60Hz and 50Hz.
- Provides colour bar pattern when there is no signal present.
- System is capable with 8 Mb field memory.

Input	Output	Scaler	Description	Code
CV/SV	CV/SV	Digital Field & Line	Video System Converter	CDM-160





↓ PAL-NTSC Converters

PAL/NTSC SYSTEM CONVERTER ANALOGUE

This analogue version converts the colour information from NTSC to PAL. The rest of the picture signal is maintained. This includes the line and refresh frequencies. This unit is designed for one way operation for Playback of any NTSC source, (Tape, Disk, Satellite, etc.) on a PAL television. The resulting signal is PAL colour with 525 lines (not 625) at 60Hz (not 50). This may result in a picture with a black band on the top & bottom of the screen. Most TVs are compatible with 50 & 60Hz vertical frequencies, but since they were made for Australia, do not contain the NTSC colour interpreter. This converter will be compatible with those units, and therefore suitable with most modern TV sets. For older sets it may be necessary to adjust the vertical hold to resize the picture correctly. Power pack included.



Input	Output	Scaler	Description	Code
CV(NTSC)	CV(PAL)	No. (Analogue)	NTSC to PAL	CN-100P

PAL/NTSC SYSTEM CONVERTER DIGITAL CV

NTSC/PAL/SECAM

RCA Composite Video In/Out in a compact 12Vdc package. Automatically accepts any video system input and then converts it to a system as selected by dip switches. Premium picture quality and stability from Cypress using digital conversion and filtering technologies 6 Meg buffer for jitter-free 8 Bit RGB Conversion 13.5MHz 50/60Hz frame rate conversion 525/625 full resolution Low noise metal cased RCA Socket to Socket.



Input	Output	Scaler	Description	Code
CV	CV	Digital Field & Line	Multi-system Video Converter	ADC-660

MULTI-SYSTEM VIDEO CONVERTER

MULTI-SYSTEM VIDEO CONVERTER

CDM-660 allows you to convert between any worldwide television standards.

- Built-in Colour bar.
- Input auto detecting.
- Digital conversion from input TV signal of NTSC, N4, PAL, PAL M, PAL N, SECAM to output signals of NTSC, PAL.
- Digital line (525 <-> 625 lines) and field (60 <-> 50 field) conversion.
- Input/Output video: Composite or S-Video.
- Full digital processing: 6M bit field memory (but not fully used).



Input	Output	Scaler	Description	Code
CV/SV	CV/SV	Digital Field & Line	Multi-system Video Converter	CDM-660

PAL/NTSC SYSTEM CONVERTER DIGITAL CV/SV

Digital Multi-Scan Converter to NTSC & PAL

Multi-system Converter provides best conversion picture between numerous worldwide broadcast television standards N3, N4, PAL, PAL M, PAL N, Secam. Built-in TBC Genlock capability for synchronizing multiple asynchronous video sources.

- Y/C input and output provides best conversion picture.
- Convert any video system to any other video systems.
- Input video system is auto detected
- Digital conversion from input TV signals of NTSC 3.58, NTSC 4.43, PAL, PAL M, PAL N, SECAM to output signals of NTSC 3.58, NTSC 4.43, PAL, PAL M, PAL N.
- 8-bit broadcast quality colour decoding.
- Digital comb filter for input system decoding.
- Built-in Time Base Correction function for signal synchronization.
- Built-in Automatic Gain Control (AGC) function ensures 1 Vp-p output signal (Input level can range from 0.5Vp-p to 2Vp-p).
- Full digital decoding and encoding; highly integrated digital processing reduces the board size and ensures reliable quality.
- A colour-bar pattern will automatically appear on the TV screen when there is no video signal present on the input.
- TBC is active constantly, even in the bypass mode.
- Adjustable control on Contrast, Brightness, Colour, Tint.



Input	Output	Scaler	Description	Code
CV/SV	CV/SV	Digital Field & Line	Digital Multi-Scan Converter w/o VGA output	CDM640A



↓ Flat Screen Stands

OMB FLAT SCREEN MONITOR WALL STANDS AND ACCESSORIES

When choosing a support solution for your TV there are some important things to consider; Attractive styling to integrate with your decor And above-all, assurance of safety & quality OMB Support-TV from Italy fits the bill!



TILT AND SWING DELUXE

Evolutionary fashion house partnered with OMB for an a new style support Premium grade professional installation. Cast iron joint. Made in Italy.

Arm	max	VESA	Colour	Suit	Code
(0)	116mm	30Kg	200x200	Black	10"-37" 25-94cm OMB06131
(0)	116mm	30Kg	100x100	Black	10"-37" 25-94cm OMB06130



O-1

TILT AND SWING

Arm	max	VESA	Colour	Suit	Code
(0)	75mm	30Kg	200x200	Silver	10"-32" 25-82cm OMB26105
(0)	75mm	30Kg	200x200	Black	10"-32" 25-82cm OMB06105
(0)	75mm	30Kg	100x200	Silver	10"-32" 25-82cm OMB26094
(0)	75mm	30Kg	100x200	Black	10"-32" 25-82cm OMB06094
Security	Screws	Padlock	Black	LUNAR 1	OMB06095
Security		Key	Suit	OMB06095	OMB06097



LUNAR 1

TILT AND SWING SIMPLICITY

Arm	max	VESA	Colour	Suit	Code
(0)	90mm	20Kg	200x200	Silver	10"-30" 25-74cm OMB26100
(0)	90mm	20Kg	200x200	Black	10"-30" 25-74cm OMB36070
(0)	90mm	20Kg	100x200	Silver	10"-30" 25-74cm OMB26070
(0)	90mm	20Kg	100x200	Black	10"-30" 25-74cm OMB06070



MONO-SOLUTION

TILT AND SWING - SINGLE ARM DELUXE

Elegance in a curved aluminium arm with cable cavity and articulated joints.

Arm	max	VESA	Colour	Suit	Code
(1)	344mm	30Kg	200x200	Black	10"-37" 25-94cm OMB06133
(1)	344mm	30Kg	100x100	Black	10"-37" 25-94cm OMB06132



O-2

TILT AND SWING - SINGLE ARM CAST ALUMINIUM

Arm	max	VESA	Colour	Suit	Code
(1)	253mm	30Kg	200x200	Silver	10"-32" 25-82cm OMB26107
(1)	253mm	30Kg	200x200	Black	10"-32" 25-82cm OMB06107
(1)	253mm	30Kg	100x200	Silver	10"-32" 25-82cm OMB26091
(1)	253mm	30Kg	100x200	Black	10"-32" 25-82cm OMB06091
Security	Screws	Padlock	Black	LUNAR 2	OMB06096
Security		Key	Suit	OMB06096	OMB06097



LUNAR 2

TILT AND SWING - SINGLE ARM STEEL DELUXE

Inclinable wall bracket with two articulations and tilt. Metal arm is hollow for holding AV & power cables.

Arm	max	VESA	Colour	Suit	Code
(1)	240mm	30Kg	200x200	Black	10"-37" 25-94cm OMB06147



SLIM 2

TILT AND SWING - SINGLE ARM STEEL HEAVY-DUTY

Step up to the next level in beautiful European interior design style

Arm	max	VESA	Colour	Suit	Code
(1)	290mm	30Kg	200x200	Silver	10"-32" 25-82cm OMB26115
(1)	290mm	30Kg	200x200	Black	10"-32" 25-82cm OMB06115
(1)	290mm	30Kg	100x200	Silver	10"-32" 25-82cm OMB26114
(1)	290mm	30Kg	100x200	Black	10"-32" 25-82cm OMB06114



EASY-TWO EXTRA

TILT AND SWING - SINGLE ARM STEEL

Wall mounted articulated flat screen TV support with style & assurance Easy range offers quality and safety at an excellent value for money

Arm	max	VESA	Colour	Suit	Code
(1)	280mm	20Kg	100x200	Silver	10"-330" 25-74cm OMB26077
(1)	280mm	20Kg	100x200	Black	10"-330" 25-74cm OMB06077



EASY-TWO

TILT AND SWING - SINGLE ARM STEEL & PLASTIC SHROUD

Arm	max	VESA	Colour	Suit	Code
(1)	260mm	20Kg	200x200	Silver	10"-30" 25-74cm OMB26101
(1)	260mm	20Kg	200x200	Black	10"-30" 25-74cm OMB06101
(1)	260mm	20Kg	100x200	Silver	10"-30" 25-74cm OMB26071
(1)	260mm	20Kg	100x200	Black	10"-30" 25-74cm OMB06071



BI-SOLUTION



PININFARINA DESIGN STUDIO - DOUBLE ARM

Combination of beautiful European design with premium build quality safety
This range uses cast-metal joints and curved arms with concealed cabling.

O-3

Arm	max	VESA	Colour	Suit	Code
(2) 512mm	30Kg	100x200	Black	10"-37" 25-94cm	OMB06135
(2) 512mm	30Kg	50x100	Black	10"-37" 25-94cm	OMB06134



DOUBLE ARM 20" LONG REACH SUPPORT

Arm	max	VESA	Colour	Suit	Code
(2) 448mm	30Kg	200x200	Silver	10"-32" 25-82cm	OMB26108
(2) 448mm	30Kg	200x200	Black	10"-32" 25-82cm	OMB06108
(2) 448mm	30Kg	100x200	Silver	10"-32" 25-82cm	OMB26092
(2) 448mm	30Kg	100x200	Black	10"-32" 25-82cm	OMB06092



LUNAR 3

TILT AND SWING - ELBOW ARM STEEL DELUXE 200

Inclinable wall bracket with Three articulations and tilt.
Metal arm is hollow for holding AV & power cables.

SLIM 3

Arm	max	VESA	Colour	Suit	Code
(2) 400mm	30Kg	200x200	Black	10"-37" 25-94cm	OMB06148



DELUXE FLAT-SCREEN TV SUPPORT

Arm	max	VESA	Colour	Suit	Code
(2) 440mm	30Kg	200X200	Silver	10"-32" 25-82cm	OMB26117
(2) 440mm	30Kg	200X200	Black	10"-32" 25-82cm	OMB06117
(2) 440mm	30Kg	100X200	Silver	10"-32" 25-82cm	OMB26116
(2) 440mm	30Kg	100X200	Black	10"-32" 25-82cm	OMB06116



EASY-THREE EXTRA

METAL ARMS CLAD IN A PLASTIC SHROUD

Arm	max	VESA	Colour	Suit	Code
(2) 450mm	20Kg	200x200	Silver	10"-30" 25-74cm	OMB26102
(2) 450mm	20Kg	200x200	Black	10"-30" 25-74cm	OMB06102
(2) 450mm	20Kg	100x200	Silver	10"-30" 25-74cm	OMB26072
(2) 450mm	20Kg	100x200	Black	10"-30" 25-74cm	OMB36072



TRI-SOLUTION

TRIPLE JOINT SINGLE ARM TV SUPPORT

Wall mounted articulated flat screen TV support with style & assurance
Easy range offers quality and safety at an excellent value for money

EASY-THREE

Arm	max	VESA	Colour	Suit	Code
(2) 430mm	20Kg	100x200	Silver	10"-30" 25-74cm	OMB26078
(2) 430mm	20Kg	100x200	Black	10"-30" 25-74cm	OMB06078



ROOF ONLY MOUNT - HANG FROM THE CEILING

Arm	max	VESA	Colour	Suit	Code
500-850mm	20Kg	200x200	Silver	10"-30" 25-74cm	OMB26103
500-850mm	20Kg	200x200	Black	10"-30" 25-74cm	OMB06103
500-850mm	20Kg	100x200	Silver	10"-30" 25-74cm	OMB26073
500-850mm	20Kg	100x200	Black	10"-30" 25-74cm	OMB06073



HI-SOLUTION

Flat Screen Stands

FDMI-VESA FLAT DISPLAY MOUNTING INTERFACE STANDARD

All LCD & Plasma TV Monitors have a standard mounting size shown as "VIS
Due to space constraints, each & every VESA size is not shown on each item
It can be assumed that ALL VESA sizes up-to & including the size indicated

ADAPTOR PLATE SQUARE LARGE

Up-Sizes only OMB tilt-head by replacing
Suits OMB LUNAR, EASY & SOLUTION

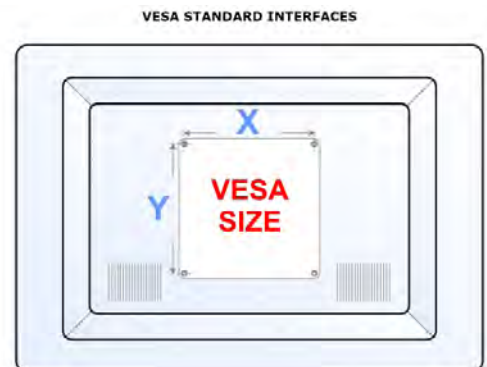
VESA
200x200



ADAPTOR PLATE RECTANGULAR

Up-Sizes only OMB tilt-head by replacing
Suits OMB LUNAR, EASY & SOLUTION

VESA
100X200



SCREWS TO SUIT

OMB Does Not Supply the VESA Screws. See Section 14...

The original VESA mount (MIS-D) consisted of four screws arranged in a square, with the horizontal and vertical distance between the screw centres being 100mm. This is still the most commonly used configuration for desktop computer displays. A 75x75mm layout was defined for smaller displays. MSI-D typically used a M4 Threaded screw.

The more recent MIS-F standard was updated for today's larger displays with VESA sizes up to 800x400mm. Screw holes have an M6, M8 or M10 thread and are typically 12mm deep. Appropriate fasteners are often supplied with the display due to known compatibility, but they are also available from Section 14, see the last few pages...
Type required varies between displays, thus OMB do NOT supply screws. Beware of the screw depth is not too long.





↓ Flat Screen Stands

TRIPLE JOINT SINGLE ARM TV SUPPORT DELUXE

Wall mounted articulated flat screen TV support with style & assurance. Easy range offers quality and safety at an excellent value for money. Heavy-duty model for extra weight and stability in arm & hinges.

Arm	max	VESA	Colour	Suit	Code	
(2)	410mm	35Kg	400x400	Black	20"-40" 50-100cm	OMB06118



EASY-THREE 400

TRIPLE JOINT SINGLE ARM TV SUPPORT DELUXE 800

Arm	max	VESA	Colour	Suit	Code	
(2)	470mm	45Kg	800x400	Black	37"-63" 94-160cm	OMB06149

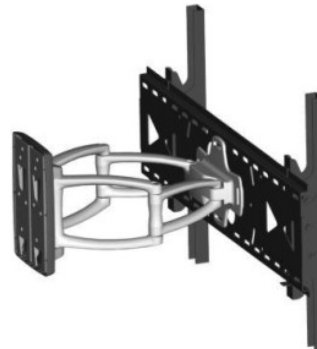


EASYTHREE 800

HEAVY-DUTY 50Kg LARGE-SCREEN TV & PLASMA SUPPORT

VESA FDMI fully adjustable mounting system with screen tilt included. Two x Double arms for secure stable support of larger LCD Plasma TVs.

Arm	max	VESA	Colour	Suit	Code	
(4)	360mm	50Kg	800x400	Silver	30"-50" 76-125cm	OMB26093
(4)	360mm	50Kg	800x400	Black	30"-50" 76-125cm	OMB06093



LUNAR REACH

DOUBLE ARM EXTENSION

Arm	max	VESA	Colour	Suit	Code
30-63"	75Kg	800x400	Black	76-160cm	OMB06123

Dual double arm extension support triple articulation



REACH-STOP

DOUBLE ARM EXTENSION

Arm	max	VESA	Colour	Suit	Code
30-63"	75Kg	800x400	Black	76-160cm	OMB06124

Dual double arm extension support triple articulation with screen tilt



REACH-GO

**FULL OMB CATALOGUE
AVAILABLE FROM WES:**

Code CATOMB
Cost FREE





↓ Flat Screen Stands

WALL BRACKET WITH TILT

Arm	max	VESA	Colour	Suit	Code
50mm	20Kg	100x100	Black	32" 82cm	OMB06142
50mm	25Kg	200x200	Black	40" 100cm	OMB06143



EASY-GO

WALL HANGER

Arm	max	VESA	Colour	Suit	Code
22mm	60Kg	800x400	Silver	30"-50" 76-125cm	OMB26066
22mm	60Kg	800x400	Black	30"-50" 76-125cm	OMB06066



EASY-BIG

WALL HANGER

Arm	max	VESA	Colour	Suit	Code
22mm	40Kg	400x400	Silver	20"-32" 50-76cm	OMB26079
22mm	40Kg	400x400	Black	20"-32" 50-76cm	OMB06079



EASY-FOUR

WALL HANGER

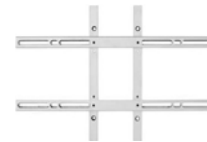
Arm	max	VESA	Colour	Suit	Code
50mm	60Kg	800x400	Black	30"-50" 76-125cm	OMB06087



EASY-TILT

VESA ADAPTOR

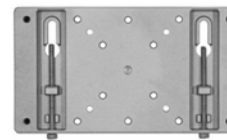
Arm	max	VESA	Colour	Suit	Code
TO	30Kg	400x400	Silver	100	OMB26088
TO	30Kg	400x400	Black	100	OMB36088



UNIVERSAL ADAPTOR

WALL BRACKET

Arm	max	VESA	Colour	Suit	Code
14mm	20Kg	200x200	Silver	10"-30" 25-74cm	OMB26076
14mm	20Kg	200x200	Black	10"-30" 25-74cm	OMB06076



EASY-SMALL

WALL BRACKET

max	VESA	Colour	Suit	Code
50Kg	600x400	Black	28"-52" 65-130cm	OMB06144



SLIM 600

WALL BRACKET WITH TILT

max	VESA	Colour	Suit	Code
50Kg	600x400	Black	26"-52" 65-130cm	OMB06145



SLIM TILT 600

WALL BRACKET

max	VESA	Colour	Suit	Code
60Kg	800x400	Black	30"-63" 76-160cm	OMB06139



SLIM 800

WALL BRACKET WITH TILT

max	VESA	Colour	Suit	Code
60Kg	800x400	Black	30"-63" 76-160cm	OMB06129



SLIM TILT 800

LIFT TO SUIT SLIM SERIES

max	VESA	Colour	Suit	Code
75Kg	-	Black	Slim/Tilt 600/800	OMB06055



SLIM LIFT



WALL HANGER BRACKET PAIR

max	VESA	Colour	Suit	Code
80Kg	any size 100+	Black	Any size TV	OMB06127



QUICK LEVEL

WALL HANGER

max	VESA	Colour	Suit	Code
25Kg	200x400	Black	Any size TV	OMB06128



LED FIX

WALL HANGER

max	VESA	Colour	Suit	Code
20Kg	200x200	Black	10"-32" 25-80cm	OMB06154



SLIM 200

MOTORISED TILT

max	VESA	Colour	Suit	Code
50Kg	600x400	Black	37"-52" 94-132cm	OMB06150

Reacts to your TV remote control. Tilts down when the TV is on, returns flat when TV is off.



REMOTE TILT

MOTORISED SWING

max	VESA	Colour	Suit	Code
40Kg	600x400	Black	32"-42" 82-107cm	OMB06151

Remote controlled swing angle of 0° - 90°



REMOTE SWING

FREE STANDING TROLLEY

max	VESA	Colour	Suit	Code
50Kg	800x500	Black	50" 125cm	OMB06104

Professional trolley for LCD, LED and plasma monitors. Complete with 4 wheels. Can accommodate 2 Lunar DVD supports.



NEW MAGELLANO

CONFERENCE ADD-ON

max	VESA	Colour	Suit	Code
3Kg	-	Black	-	OMB06153

NEW MAGELLANO - TOP SHELF FOR ADDING AN OPTIONAL CAMERA
Does not include camera.



DROP-DOWN SCREEN HANGER

Arm	max	VESA	Colour	Suit	Code
Swing	5Kg	100x100	Silver	10"-20" 25-50cm	OMB26075

Swings down 90° and Rotates 360°



OYSTER DROP-DOWN

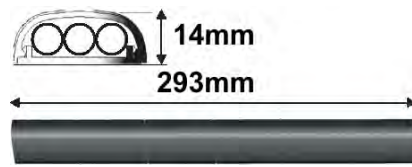


↓ Cable Management

CABLE STASH 12" LONG TUBE

Tube	Width	Colour	Suit	Code
(1) 293mm	14x35mm	Silver	Lunar	OMB26122
(1) 293mm	14x35mm	Black	Lunar	OMB06122

Connects vertically between LUNAR SUPPORTS matching Italian style
Hides interconnecting cables & power leads between TV & DVD units

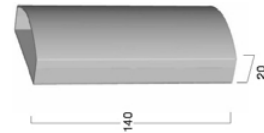


LUNAR TUNNEL

CABLE STASH 6" LONG TUBE

Arm	max	VESA	Colour	Suit	Code
140mm	-	100x20mm	Black	Magix, Easy	OMB06008
140mm	-	100x20mm	Silver	Magix, Easy	OMB26008

Connects vertically between MAJIX SUPPORTS matching Italian style
Hides interconnecting cables & power leads between TV & DVD units

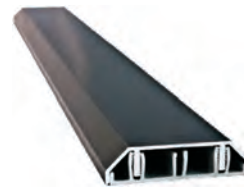


MAJIX/EASY TUNNEL

ALUMINIUM TUNNEL

Arm	max	VESA	Colour	Suit	Code
500mm	60x15mm	60mm	Black	Universal	OMB06138
500mm	60x15mm	60mm	Silver	Universal	OMB26104

This personalized modular system is a stylish solution in aluminium
designed to hide unsightly wires.



ALUM TUNNEL

OMB AESTHETICS - BOX

Arm	max	VESA	Colour	Suit	Code
265mm	125x140mm	-	Black	Lunar Genio	OMB06109

Hide power boards and cords at the base of a Tunnel.



LUNAR POWER

DVD & TV SUPPORT COMBO' KIT

HORIZONTAL OR VERTICAL WALL MOUNT

Wall mounted 10"-37" flat screen TV support with DVD/Foxtel support arm
Combining the two Lunar supports in one unit gives added strength & style
Also offering cable concealment and quick install easy solution from OMB
Bar mounted vertically or horizontally with adjustable unit positioning Kit
includes LUNAR-1 & LUNAR-DVD plus a 1100mm metal wall mount bracket

Arm	max	VESA	Colour	Suit	Code
(1) 1100mm	30Kg	200x200	Black	-	OMB06106



FULL OMB CATALOGUE AVAILABLE FROM WES:

Code CATOMB
Cost FREE





↓ OMB Special

MONO-MAGIX 30

Arm	max	VESA	Colour	Suit	Code
(x1) 470mm	30Kg	CRT-TV	Black	14"-19"	OMB06000
(x1) 470mm	30Kg	CRT-TV	Silver	14"-19"	OMB26000



BI-MAGIX 30

BI-MAGIX 60

Arm	max	VESA	Colour	Suit	Code
(x1) 475mm	30Kg	CRT-TV	Black	19"-21"	OMB06001
(x1) 475mm	30Kg	CRT-TV	Silver	19"-21"	OMB26001



Arm	max	VESA	Colour	Suit	Code
(x1) 625mm	60Kg	CRT-TV	Black	25"-32"	OMB06003
(x1) 625mm	60Kg	CRT-TV	Silver	25"-32"	OMB26003

TRI-MAGIX 30

TRI-MAGIX 60

Arm	max	VESA	Colour	Suit	Code
(x2) 715mm	30Kg	CRT-TV	Black	14"-21"	OMB06004



Arm	max	VESA	Colour	Suit	Code
(x2) 725mm	60Kg	CRT-TV	Black	29"-32"	OMB06006
(x2) 725mm	60Kg	CRT-TV	Silver	29"-32"	OMB26006

MONO-SFERO 30

MONO-SFERO 50

Arm	max	VESA	Colour	Suit	Code
(x1) 330mm	30Kg	CRT-TV	Black	14"-19"	OMB06024



Arm	max	VESA	Colour	Suit	Code
(x1) 400mm	50Kg	CRT-TV	Black	19"-25"	OMB06025

BI-SFERO 30

BI-SFERO 50

Arm	max	VESA	Colour	Suit	Code
(x1) 525mm	30Kg	CRT-TV	Black	19"-21"	OMB06031
(x1) 525mm	30Kg	CRT-TV	Silver	19"-21"	OMB26031



Arm	max	VESA	Colour	Suit	Code
(x1) 600mm	50Kg	CRT-TV	Black	21"-25"	OMB452026
(x1) 600mm	50Kg	CRT-TV	Black	21"-25"	OMB252026

TRI-SFERO 50

Arm	max	VESA	Colour	Suit	Code
(x2) 490mm	50Kg	CRT-TV	Black	25"-29"	OMB06041
(x2) 490mm	50Kg	CRT-TV	Silver	25"-29"	OMB26041



SYSTEM PLUS

USE IN ADDITION TO THE SFERO RANGE (ABOVE) TO HOLD DVD & SET TOP UNITS

Arm	max	VESA	Colour	Suit	Code
290-510mm	8Kg	-	Black	VCR/DVD H60/105mm	OMB05042
290-510mm	8Kg	-	Silver	VCR/DVD H60/105mm	OMB25042



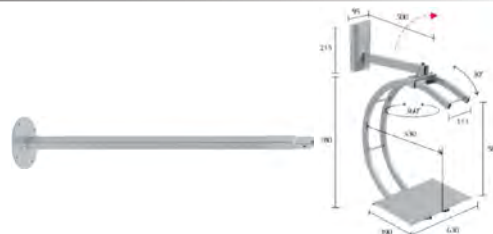
ARM PAIR ONLY. Dos NOT include TV stand (extra)

POLYLUX 29

Arm	max	VESA	Colour	Suit	Code
(x1) 300mm	75Kg	CRT-TV	Black	21"-29"	OMB6052
(x1) 300mm	75Kg	CRT-TV	Silver	21"-29"	OMB26052

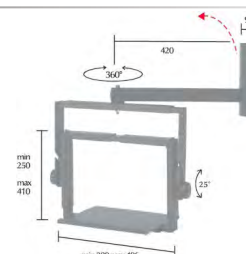
POLYLUX ARM - EXTENDS POLYLUX 29

Arm	max	VESA	Colour	Suit	Code
(+1) 1000mm	75Kg	-	Black	CRT-TV	OMB6057
(+1) 1000mm	75Kg	-	Silver	CRT-TV	OMB26057



MAGNUM

Arm	max	VESA	Colour	Suit	Code
(x1) 850mm	50Kg	CRT-TV	Black	14"-21"	OMB6012
(x1) 850mm	50Kg	CRT-TV	Silver	14"-21"	OMB26012
(x1) 950mm	60Kg	CRT-TV	Black	21"-29"	OMB6013
(x1) 950mm	60Kg	CRT-TV	Silver	21"-29"	OMB26013
(x1) 1050mm	85Kg	CRT-TV	Black	29"-39"	OMB6016
(x1) 1050mm	85Kg	CRT-TV	Silver	29"-39"	OMB26016





↓ Equipment Stands

MICRO

Arm	max	VESA	Colour	Suit	Code
340-520mm	60Kg	-	Black	Retractable	OMB07060
340-520mm	60Kg	-	White	Retractable	OMB17060
340-520mm	60Kg	-	Silver	Retractable	OMB27060



BI-STAFF

Arm	max	VESA	Colour	Suit	Code
330-450mm	25Kg	-	White	Microwave	OMB17063



SLIMLINE

Arm	max	VESA	Colour	Suit	Code
350x580mm	60Kg	-	Black	Rotates 360	OMB05030
350x580mm	60Kg	-	Silver	Rotates 360	OMB25030



LIBERTY

Arm	max	VESA	Colour	Suit	Code
355x515mm	60Kg	-	Black	Rotates 360	OMB05010
355x515mm	60Kg	-	Silver	Rotates 360	OMB25010



DOUBLE

Arm	max	VESA	Colour	Suit	Code
355x515mm	60Kg	-	Black	TV Cabinet	OMB05011
355x515mm	60Kg	-	Silver	TV Cabinet	OMB25011



CIRCLE

Arm	max	VESA	Colour	Suit	Code
300mmØ	60Kg	-	Black	Rotates 360	OMB05031



↓ Speaker Stands

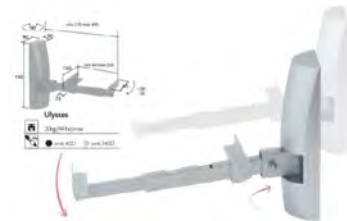
PUNTO

Arm	max	Colour	Suit	Code
90mm	25Kg	Silver	Speaker	OMB24040
90mm	25Kg	Black	Speaker	OMB4040



ULYSSES

Arm	max	Suit	Colour	Code
270-400mm	20Kg	Speaker	Silver	OMB24032
270-400mm	20Kg	Speaker	Black	OMB4032



NEW-FLEX

Arm	max	Colour	Suit	Code
90mm	5Kg	White	Speaker	OMB14041
90mm	5Kg	Silver	Speaker	OMB24041
90mm	5Kg	Black	Speaker	OMB4041



APOLLO

Arm	max	Colour	Suit	Code
650-1150mm	2.5Kg	Silver	Speaker	OMB24013



NEW-FLEX +ADAPTOR

Arm	max	Colour	Suit	Code
90mm	5Kg	White	Speaker	OMB14042
90mm	5Kg	Silver	Speaker	OMB24042
90mm	5Kg	Black	Speaker	OMB4042





20 MISC HOME THEATRE

20 MISC HOME THEATRE

↓ Projector Stands

PROJECTOR WALL MOUNT FOR SANYO XL 50A XL 51A

max	VESA	Colour	Suit	Code
20Kg	-	White	-	OMB16153

A wall mount suitable for video projectors such as Sanyo XL 50A and XL51A (may suit other models). The wall distance can be adjusted manually and its distinctive mechanism permits even the slightest tilt accuracy.



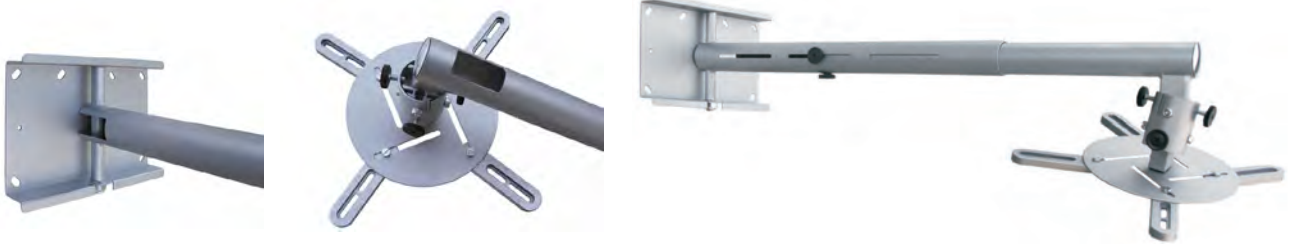
PROJECTOR MAST WALL MOUNT

Arm	max	VESA	Colour	Suit	Code
525mm	15Kg	-	Silver	Universal Projector Mount	OMB26084



PROJECTOR ARM WALL MOUNT

Arm	max	VESA	Colour	Suit	Code
510-850mm	15Kg	-	Silver	Universal Projector Mount	OMB26150



EXTENSION ARMS TO SUIT PROJECTOR ARM

Arm	max	VESA	Colour	Suit	Code
800-1200mm	10Kg	-	Silver	OMB26150 Arm Extension	OMB26151
1200-1600mm	10Kg	-	Silver	OMB26150 Arm Extension	OMB26152



**FULL OMB CATALOGUE
AVAILABLE FROM WES:**
Code CATOMB
Cost FREE



PROJECTOR CEILING

Arm	max	VESA	Colour	Suit	Code
145mm	15Kg	-	Silver	Universal Projector Mount	OMB26080



EXTENSION ARMS TO SUIT PROJECTOR CEILING

Arm	VESA	Colour	max	Suit	Code
900-1700mm		Silver	15Kg	OMB26080	OMB26083
500-900mm		Silver	15Kg	OMB26080	OMB26082
300-500mm		Silver	15Kg	OMB26080	OMB26081

EXTENSION



Easily extends the drop of the MONO PROJECTOR 26080 Ceiling mounting bracket assembly.



↓ Equipment Stands

SUPPORTS DVD & DECODING EQUIPMENT IN THE STYLE OF "O"

Arm	max	Width	Colour	Suit	Code
(2) 290mm	30Kg	100-350mm	Black	O (Opera)	OMB06136

Premium grade professional installation. Cast iron joint. Made in Italy.
Adjustable arms (by width) for holding DVD and decoders, etc.



O-DVD

SUPPORTS DVD & DECODING EQUIPMENT IN THE STYLE OF "LUNAR"

Arm	max	Width	Colour	Suit	Code
(2) 290mm	30Kg	100-350mm	Silver	Lunar, Easy, Plasma	OMB26121
(2) 290mm	30Kg	100-350mm	Black	Lunar, Easy, Plasma	OMB06121

Adjustable arms swing to change width depending on equipment 100-350mm
Same attractive Italian styling as the LUNAR TV Supports.



LUNAR-DVD

SUPPORTS DVD & DECODING EQUIPMENT IN THE STYLE OF "MAGIX"

Arm	max	Width	VESA	Colour	Suit	Code
300x360mm	30Kg	360mm+	360mm+	Black	Easy & Solution	OMB06007

Non-adjustable version to suit the "Easy" and other styles Two fixed arms for holding electronic equipment like DVDs etc.



AUDIO-MAGIX

WALL BRACKET WITH A/V CAVITY

Arm	max	VESA	Colour	Suit	Code
60mm	30Kg	200x200	Black	Touch Plasma	OMB06120



To fix directly on wall or to a support

↓ OMB Special

FIX-PLASMA 400

FLAT SCREEN SUPPORT FOR WALL OR OPTIONAL ARM CONNECT

Mount the following brackets either directly to a wall or to arm extension Below the brackets are solutions for ceiling hangers or wall arm add-ons

Arm	-	-
max	40Kg	40Kg
VESA	400x400	400x400
Colour	Silver	Black
Suit	20"-32"	20"-32"
	50-82cm	50-82cm
Code	OMB26085	OMB06085

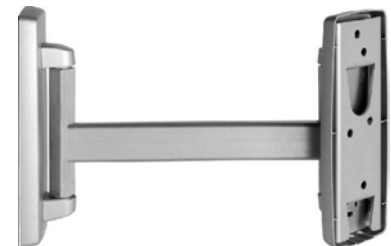


TWIST-PLASMA M

FLAT SCREEN SUPPORT FOR WALL OR OPTIONAL ARM CONNECT

Mount the following brackets either directly to a wall or to arm extension Below the brackets are solutions for ceiling hangers or wall arm add-ons

Arm	30-300mm
max	75Kg
VESA	-
Colour	Silver
Suit	Requires FIX/TOUCH
Code	OMB26063



TOUCH-PLASMA M

FLAT SCREEN SUPPORT FOR WALL OR OPTIONAL ARM CONNECT

Mount the following brackets either directly to a wall or to arm extension Below the brackets are solutions for ceiling hangers or wall arm add-ons

Arm	-	-
max	40Kg	40Kg
VESA	400x200	400x200
Colour	Silver	Black
Suit	20"-32"	20"-32"
	50-82cm	50-82cm
Code	OMB26086	OMB06086

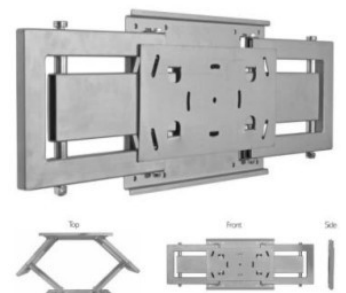


REACH-PLASMA

FLAT SCREEN SUPPORT FOR WALL OR OPTIONAL ARM CONNECT

Mount the following brackets either directly to a wall or to arm extension Below the brackets are solutions for ceiling hangers or wall arm add-ons.

Arm	30-480mm	30-480mm
max	75Kg	75Kg
VESA	-	-
Colour	Silver	Black
Suit	Requires FIX/TOUCH	Requires FIX/TOUCH
Code	OMB26069	OMB06069





↓ OMB Special

MONO-SFERO

Aluminium CRT-TV Heavy duty strength Wall supports Painted coating Professional grade

MONO-SFERO 50

Arm	(x1) 400mm
max	50Kg
VESA	CRT-TV
Colour	Black
Suit	CRT-TV
Code	OMB06025



MONO-SFERO 30

Arm	(x1) 330mm
max	30Kg
VESA	CRT-TV
Colour	Black
Suit	14"-19"
Code	OMB06024



BI-SFERO

BI-SFERO 30

Aluminium CRT-TV Heavy duty strength Wall supports Painted coating

Arm	(x1) 525mm	(x1) 525mm
max	30Kg	30Kg
VESA	CRT-TV	CRT-TV
Colour	Black	Silver
Suit	CRT-TV	CRT-TV
Code	OMB06031	OMB26031



BI-SFERO 50

Arm	(x1) 600mm	(x1) 600mm
max	50Kg	50Kg
VESA	CRT-TV	CRT-TV
Colour	Black	Black
Suit	CRT-TV	CRT-TV
Code	OMB452026	OMB252026



TRI-SFERO 50

Aluminium CRT-TV Heavy duty strength Wall supports Painted coating

Arm	(x2) 490mm	(x2) 490mm
max	50Kg	50Kg
VESA	CRT-TV	CRT-TV
Colour	Black	Silver
Suit	CRT-TV	CRT-TV
Code	OMB06041	OMB26041



SFERO SYSTEM PLUS

Unit bracket ONLY. Suits Sfero. Two extension arms supplied.

Arm	290-510mm	290-510mm
max	8Kg	8Kg
VESA	-	-
Colour	Black	Silver
Suit	VCR/DVD	VCR/DVD
	H60/105mm	H60/105mm
Code	OMB05042	OMB25042



MONO-MAGIX 30

Attractive plastic covering conceals TV wire connects and adds interior decorator styling

Arm	(x1) 470mm	(x1) 470mm
max	30Kg	30Kg
VESA	CRT-TV	CRT-TV
Colour	Black	Silver
Suit	CRT-TV	CRT-TV
Code	OMB06000	OMB26000



BI-MAGIX

BI-MAGIX 30

Interior decorator styling

Arm	(x1) 475mm	(x1) 475mm
max	30Kg	30Kg
VESA	CRT-TV	CRT-TV
Colour	Black	Silver
Suit	CRT-TV	CRT-TV
Code	OMB06001	OMB26001



BI-MAGIX 60

Arm	(x1) 625mm	(x1) 625mm
max	60Kg	60Kg
VESA	CRT-TV	CRT-TV
Colour	Black	Silver
Suit	CRT-TV	CRT-TV
Code	OMB06003	OMB26003



TRI-MAGIX

TRI-MAGIX 30

Full 3 point articulation.

Arm	(x2) 715mm
max	30Kg
VESA	CRT-TV
Colour	Black
Suit	CRT-TV
Code	OMB06004



TRI-MAGIX 60

Arm	(x2) 725mm	(x2) 725mm
max	60Kg	60Kg
VESA	CRT-TV	CRT-TV
Colour	Black	Silver
Suit	CRT-TV	CRT-TV
Code	OMB06006	OMB26006

MAGIX EQUIPMENT STAND

AUDIO-MAGIX

Premium grade wall support with the addition of attractive plastic covering conceals TV wire connects and adds interior decorator styling

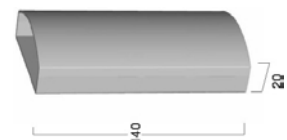
Arm	300x360mm
max	30Kg
VESA	360mm+
Colour	Black
Suit	AV UNIT
	360mm
Code	OMB06007



TUNNEL-MAGIX

Premium grade wall support with the addition of attractive plastic covering conceals TV wire connects and adds interior decorator styling

Arm	140mm	140mm
VESA	100x20mm	100x20mm
Colour	Black	Silver
Suit	Lunar, Easy	
Code	OMB06008	OMB26008





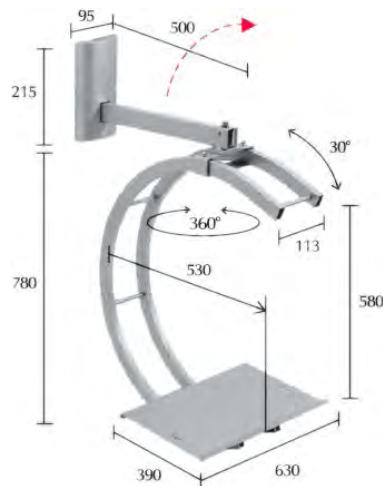
↓ **OMB Special**

CRT BRACKET MEDIUM

POLYLUX 75Kg

Ceiling or wall Rotate or tilt
 Suit 21" 29"
 Base 390x630mm

Colour	Code
Black	OMB6052
Silver	OMB26052



CRT BRACKET ARM

PROLUNGA PLUS

Replaces the Polylux Arm to extend to 1M
 Arm Only. Stand Extra. Suits Ceiling only.

Colour	Length	Code
Black	1000mm	OMB6057
Silver	1000mm	OMB26057



MICRO

Premium grade wall support with the addition of attractive plastic covering conceals TV wire connects and adds interior decorator styling

Arm	340-520mm	340-520mm	340-520mm
max	60Kg	60Kg	60Kg
VESA	-	-	-
Colour	Black	White	Silver
Suit	Retractable	Retractable	Retractable
Code	OMB07060	OMB17060	OMB27060



BI-STAFF

Premium grade wall support with the addition of attractive plastic covering conceals TV wire connects and adds interior decorator styling

Arm	330-450mm
max	25Kg
VESA	-
Colour	White
Suit	Microwave
Code	OMB17063

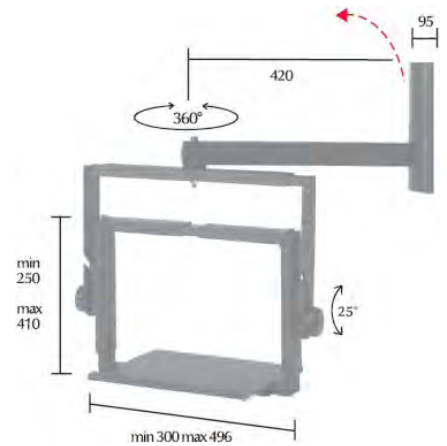


CRT BRACE SMALL

MAGNUM 50Kg

Ceiling or wall Rotate or tilt
 Suit 14" 21"
 Girth 410x496mm

Colour	Code
Black	OMB6012
Silver	OMB26012

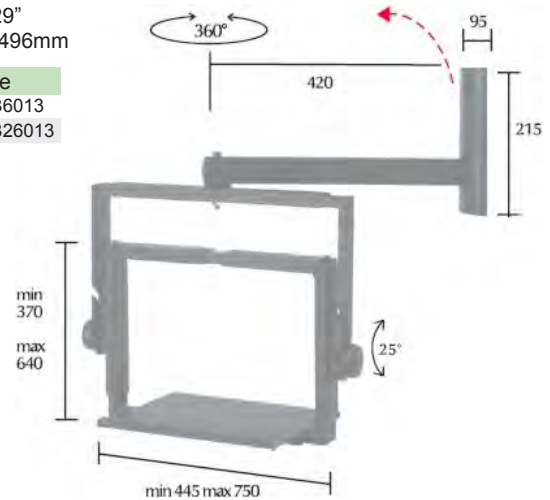


CRT BRACE MEDIUM

MAGNUM 60Kg

Ceiling or wall Rotate or tilt
 Suit 21" 29"
 Girth 410x496mm

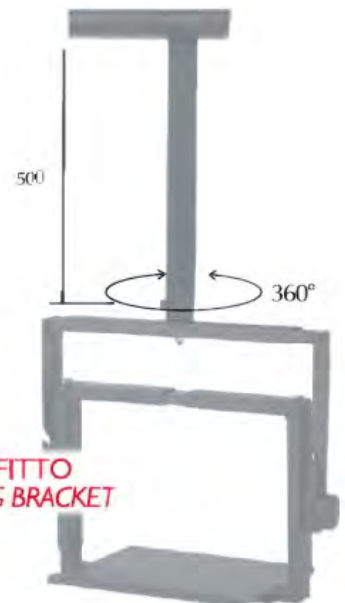
Colour	Code
Black	OMB6013
Silver	OMB26013



CRT BRACE LARGE

Ceiling hang ONLY Rotate or tilt
 Suit 29" 39"
 Girth 800x1010mm

Colour	Code
Black	OMB6016
Silver	OMB26016





20 MISC HOME THEATRE

20 MISC HOME THEATRE

Media Brackets

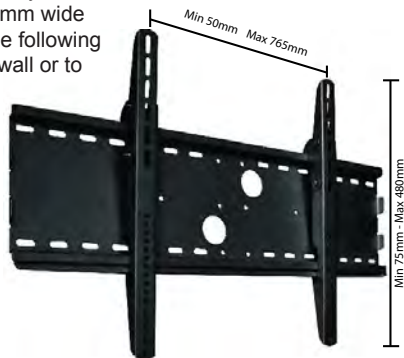
WALL BRACKET - LARGE FLAT SCREEN

FIXED FLAT SCREEN SUPPORT

Fixed Wall Bracket, with lock system. Maximum hole pattern 865mm wide and 480mm high. Mount the following bracket either directly to a wall or to arm extension.

Suits	32"-63" 82-160cm
VESA	800x400
Max.	75Kg
Colour	Black
Code	BKT1010

Not an OMB product.



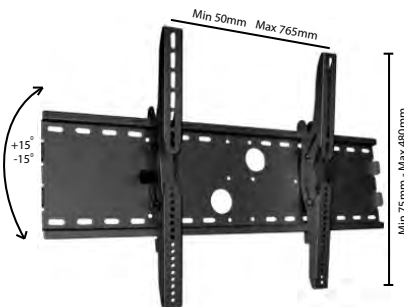
WALL BRACKET TILT - LARGE FLAT SCREEN

ADJUSTABLE TILT ANGLE

Universal mounting pattern with $\pm 15^\circ$ tilt. Maximum hole pattern 865mm wide and 480mm high. Mount the following brackets either directly to a wall or to arm extension.

Suits	32"-63" 82-160cm
VESA	800x400
Max.	75Kg
Colour	Black
Code	BKT1020

Not an OMB product.



CEILING MOUNT MAST

REQUIRES ADDITIONAL BRACKET

Ceiling bracket for use with BKT1010 & BKT1020 tv brackets. 360° rotation with drop of adjustable 1050mm to 1620mm.

Suits	BKT1010 & BKT1020
Length	1050-1620mm
Max.	80Kg
Colour	Black
Code	BKT1030

Not OMB product.



VESA DISPLAY MOUNTING INTERFACE STANDARD

All LCD & Plasma TV Monitors have a standard mounting size shown as "VESA". Due to space constraints, each & every VESA size is not shown on each item. It can be assumed that ALL VESA sizes up to & including the size indicated are applicable.

FULL OMB CATALOGUE AVAILABLE FROM WES:

Code CATOMB
Cost FREE



GAS-SPRING MONITOR ARM

360° ROTATE

With desk edge clamp
Reclaim desk space
Self supporting arm Gas spring holds position firmly Premium quality Alloy finish
VESA 50/50
Clam 1-6cm
Holds 6Kg

Code LCDT2

NOT OMB



LCD MONITOR ARM

15Kg. Max. 13"-23"

Double arm for large range of motion. Heavy duty built cast aluminium. Desk edge clamp height adjustable. VESA Mount 75/100mm.

Holds Code
10Kg LCD-T6

NOT OMB



DUAL LCD MOUNTING BRACKET

DUAL DESK RACKET FOR LCD MONITORS

Heavy duty built cast aluminium. Desk edge clamp height adjustable. Suitable for the size 13" to 23". Full arm extension up to 440mm. 60° up and down tilt, 360° swivel, 360° landscape to portrait rotate. VESA mount 75x75x100x100mm.

Holds Code
15Kg CMS1004

NOT OMB



MULTIPLE SCREEN MOUNTING BRACKET

THREE MONITOR ARM

Aluminium alloy finish. Holds 3 LCD Monitors/TVs up to 24"(Maximum monitor width 57cm). 360° rotation at 2 points. Swivel left or right up to 180°. Tilt 45 to 60° up or downwards. VESA mounting 75x75x100x100mm. Clamp to the Desk Edge.

Holds Code
30Kg(10x3) CMS1005

NOT OMB

