HDMI® SPLITTERS + MULTI-VIEWER

**A HDMI® SPLITTER**
1 INPUT / 2 OUTPUTS

The all new CS-1X2HDMSP5 gives you the ability to take any standard resolution and downscale it to match each of the connected displays (up to 2). For example, show 4K@60Hz content on a 4K display while also showing the same content scaled down on a 1080p display.
- Supports HDMI® 2.0 and HDCP 2.2 (and earlier versions)
- Supports: 480p/i, 720p, 1080p/i, 3D, 4K/@30/60Hz 4:4:4 up to 18Gbps
- Built-in scaling and EDID management to allow multiple resolutions simultaneously
- All HDR formats supported

**CS-1X2HDMSP5** 1 INPUT | 2 OUTPUTS

**B HDMI® SPLITTER**
1 INPUT / 4 OUTPUTS

The all new CS-1X4HDMSP5 gives you the ability to take any standard resolution and downscale it to match each of the connected displays (up to 4). For example, show 4K@60Hz content on a 4K display while also showing the same content scaled down on a 1080p display.
- Supports HDMI® 2.0 and HDCP 2.2 (and earlier versions)
- Supports: 480p/i, 720p, 1080p/i, 3D, 4K/@30/60Hz 4:4:4 up to 18Gbps
- Built-in scaling and EDID management to allow multiple resolutions simultaneously
- All HDR formats supported

**CS-1X4HDMSP5** 1 INPUT | 4 OUTPUTS

**C HDMI® 4X1 MULTI-VIEWER**

The all new CS-4X1MVU gives you the ability to simultaneously show up to 4 sources with different resolutions on one display. For example, show multiple sports games on one screen or a computer display and a Blu-ray player, or show a video game and a cable box at the same time. This also allows you to select which input's audio is sent to the display.
- View up to 4 sources simultaneously on one display
- Multiple split screen viewing modes
- Selectable audio with included IR remote
- Supports HDMI® 1.4
- Inputs supports 720p, 1080p, 1440p & 4K@30Hz
- Output supports 720p, 1080p, 1440p & 4K@30Hz

**CS-4X1MVU**

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CALL TO ORDER 386.255.0234
ORDER ONLINE MetraHomeTheater.com
**HDMI® EXTENDER + DE-EMBEDDER**

**CALL TO ORDER** 386.255.0234
**ORDER ONLINE** MetraHomeTheater.com

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**HDMI® AUDIO DE-EMBEDDER WITH PASS-THROUGH**

The newly improved CS-HDMABO3 allows you to take any HDMI® source and de-embed the audio* for use on either an optical audio Toslink connection or a 3.5mm stereo analog connection, all while still passing audio through on the HDMI® output.

- Easily obtain an analog or digital audio output connection from an existing HDMI® source
- HDMI® pass-through with de-embedded audio
- Selectable HDMI® audio on HDMI® output for native pass-through, 5.1 CH or 2 CH
- Audio outputs: optical audio Toslink and 3.5mm stereo analog
- Optical digital audio supports multi-channel and 2 channel
- Supports HDMI® 2.0 and HDCP 2.2 (and earlier versions)
- Supports 1080p, 3D, 4K/60Hz 4:4:4 up to 18Gbps

* Does not de-embed Dolby Atmos

**CS-HDMABO3**

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**HDMI® EXTENDER OVER SINGLE CAT6**

- Carries 1080p HDMI® signals up to 50 Meters over single CAT6
- HDMI® loop out on transmitter
- Supports IR pass back, IR blaster & IR receiver
- Extender kit is powered on the transmitter

**CS-HDEXTSRPOE**

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**HDMI® ALL-IN-ONE CORRECTION TOOL**

**SECOND GENERATION HDM-AIO2**

While no device can fix every problem, this one tool fixes most by preventing more truck rolls and long nights of overtime thanks to its ability to solve the most common HDMI® problems installers see in today’s home theater projects. The second generation HDM-AIO2 is exclusively engineered by Metra Home Theater Group and supports 24Gbps bandwidth, now with a smaller footprint and lower retail price. The technology has been completely redesigned with a new and improved circuit board to increase efficiency and provide faster input switching.

Providing a quick, easy and efficient solution, this is the only product on the market designed to repair the majority of HDMI® issues. Simply plug in this device, and its cutting-edge technology will do the rest. No need to stress while troubleshooting for hours at the end of a project.

**THE PROBLEM**

When an HDMI® signal is initiated there is a 5V trigger sent from the source to the display to wake the display up, the display responds with the Hot Plug Return Trigger to let the source know that it is there and ready to negotiate. However, this process can get sidetracked quite easily by a number of factors.

These factors can include:
- Voltage and or current that is too low on either the 5V / Hot Plug return.
- Hot Plug is not interrupted between source selections (this is necessary for the EDID reset).
- Insufficient voltage and current being returned down the TMDS channels.
- EDID (DDC) Rise Time is too high due to capacitive loading on the low speed data bus

**THE SOLUTION**

The HDM-AIO2 provides a hot plug interrupt, fixes EDID start up issues, supplements voltage/current in the TMDS feed, 5V feed and hot plug feed, plus provides voltage matching for both input and output of the device. This ensures that the common rail voltage is consistent from source to sink. Its EDID capacitive stripping corrects the most common EDID problems, including audio dropouts, “Mode Not Supported” and “Frequency Out of Range” error messages. It supports up to 24Gbps bandwidth and all versions of HDCP formats. It includes impulse synchronization and overall, the most cutting edge technology available to solve HDMI® headaches. No other product on the market has all of these features in one device.
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SPECIFICATIONS:
• Supports all HDCP formats
• Supports 24Gbps, (4 x 6 Gbps)
• Supports 4K/60, 4:4:4, HDR, 12bit color
• Regulated 5 volt injection
• Regulated Hot Plug injection (controlled by contact closure on a control system)
• Hot Plug return delay of 100ms
• TMDS voltage and current insertion
• EDID capacitive stripping
• Corrects most common EDID problems, including:
  - Audio dropouts
  - “Mode not supported”
  - “Frequency out of range”
• Faster input switching
• Impulse synchronization
• 5V 1A power supply and instruction manual included

FIX HDMI® ISSUES
SAY GOODBYE TO BLACK SCREENS AND ERROR MESSAGES!
• Supports all HDCP formats
• Supports 24Gbps, (4 x 6 Gbps)
• Supports 4K/60, 4:4:4, HDR, 12bit color
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• Hot Plug return delay of 100ms
• TMDS voltage and current insertion
• EDID capacitive stripping

SOURCE
5V 1A Power Supply
HDMI Cable
HDM-AIO2
Trigger
Control System
HDMI Cable
DISPLAY
Integrators can now provide video distribution without defaulting to the lowest resolution in the system, allowing legacy and new 4K technology to co-exist. The CS-44MHDBTS 4x4 HDMI® Matrix provides your HDMI® distribution system with the technology required to send up to 4 separate sources at different resolutions to 4 displays. This is a very flexible matrix! It supports 4K/60, HDR, HLG and Dolby Vision as well as digital coax multi-channel output and/or 3.5mm stereo PCM connections, plus resolution scaling on the mirrored HDBaseT outputs.

- HDMI® and HDBaseT (mirrored) outputs
- 18Gbps uncompressed on HDMI® outputs
- 18Gbps with minimal loss compression on HDBaseT outputs
- 4K/60, HDR @ 70 meters on HDBaseT outputs
- Supports HDCP, all versions up to and including 2.2
- Built-in EDID management
- Digital coax multi-channel and PCM analog audio outputs
- 4 IR inputs (sending to display)
- 4 IR outputs (receiving from display)
- IP, RS232 and IR control + direct front panel control
- Rack ears included
- Pre-built drivers for most control systems: Crestron, C4, RTI and more
- Receiver sold separately: CS-RECHDBT

CS-44MHDBTS

The CS-44M 4x4 HDMI® Quick Switching Matrix provides your HDMI® distribution system with the technology required to send up to 4 sources to 4 displays. Supporting 4K/60, HDR, HLG and Dolby Vision as well as digital coax multi-channel output and/or 3.5mm stereo connections. Since your system setup and testing is a vital part of your installation, we also include a built-in signal generator to make your job even simpler. Pre-built drivers for the most commonly used control systems make smart-home integration easy.

- Quick switching capability reduces user wait
- 18Gbps uncompressed on HDMI® outputs
- 4K/60, HDR, HLG and Dolby Vision
- Supports HDCP, all versions up to and including 2.2
- Built-in EDID management
- Digital coax multi-channel and PCM analog audio outputs
- 4 IR inputs (sending to display)
- 4 IR outputs (receiving from display)
- IP, RS232 and IR control
- Direct front panel control
- Rack ears included
- Pre-built drivers for most control systems: Crestron, C4, RTI and more

CS-44M
Integrators can now provide video distribution without defaulting to the lowest resolution in the system, allowing legacy and new 4K technology to co-exist. The CS-88MHDBTS 8x8 HDMI® Matrix provides your HDMI® distribution system with the technology required to send up to 8 sources at different resolutions to 8 displays.

- HDMI® and HDBaseT (mirrored) outputs
- 18Gbps uncompressed on HDMI® outputs (also Dolby Vision)
- 18Gbps with minimal loss compression on HDBaseT outputs
- 4K/60, HDR @ 70 meters on HDBaseT outputs
- Supports HDCP, all versions up to and including 2.2
- Built-in EDID management
- Digital coax multi-channel and PCM analog audio outputs
- 8 IR inputs (sending to display)
- 8 IR outputs (receiving from display)
- IP, RS232 and IR control
- Pre-built drivers for most control systems: Crestron, C4, RTI and more

Receivers sold separately: CS-RECHDBT

The CS-88M 8x8 HDMI® Quick Switching Matrix provides your HDMI® distribution system with the technology required to send 8 sources to 8 displays. Supporting 4K/60, HDR, HLG and Dolby Vision as well as digital coax multi-channel output and/or 3.5mm stereo connections.

- Quick switching capability reduces user wait
- 18Gbps uncompressed on HDMI® outputs
- 4K/60, HDR, HLG and Dolby Vision
- Supports HDCP, all versions up to and including 2.2
- Built-in EDID management
- Digital coax multi-channel and PCM analog audio outputs
- 8 IR inputs (sending to display)
- 8 IR outputs (receiving from display)
- IP, RS232 and IR control + direct front panel control
- Rack ears included
- Pre-built drivers for most control systems: Crestron, C4, RTI and more

CS-88M

Take full advantage of all features offered from our HDBaseT Matrix models by adding this accessory, the CS-RECHDBT receiver.

- No need for external power
- Sold 1 per package

CS-RECHDBT
OM3 FIBER

**A** OM3 SIMPLEX FIBER
MULTI-MODE
- 3.0mm diameter
- Easy pull reel in box
- 1000’ (305m)
- OFNR Riser rated

FBR-SOM3-OFNR

**B** OM3 DUPLEX FIBER
MULTI-MODE
- 3.0mm diameter X2
- Easy pull reel in box
- 1000’ (305m)
- OFNR Riser rated

FBR-DOM3-OFNR

**C** OM3 SIMPLEX FIBER
MULTI-MODE
- 3.0mm diameter
- Easy pull reel in box
- 1000’ (305m)
- OFNP Plenum rated

FBR-SOM3-OFNP

**D** OM3 DUPLEX FIBER
MULTI-MODE
- 3.0mm diameter X2
- Easy pull reel in box
- 1000’ (305m)
- OFNP Plenum rated

FBR-DOM3-OFNP

*Call for additional fiber options
**OM3 CONNECTORS**

**A**

- OM3 CONNECTORS
  - SC 50/125
  - Quick connect design allows for incredibly easy fiber termination
  - Pack of 10
- CS-FBR5CT

**B**

- OM3 CONNECTORS
  - LC 50/125
  - Quick connect design allows for incredibly easy fiber termination
  - Pack of 10
- CS-FBRLCT

**C**

- BANANA PLUGS
  - TOP COVER
  - Never worry about forgetting to slide the cover on before attaching the banana plug. These helpful banana plugs have a cover that connects from the plug-side rather than the wire-side.
  - Plug-side cover instead of wire-side
  - Pack of 50 pairs
- CS-BAN4-50
**A FIBER CLEAVER**
HIGH PRECISION
- Fully adjustable
- Integrated waste container for safe handling of fiber scraps

**CS-FBRCLVR**

**B FIBER STRIPPER TOOL**
HIGH QUALITY
- 3-stage stripping
- Soft grip handles
- Adjustable cutting diameter

**CS-FBRSTRPR**
**FIBER TOOLS**

**A FIBER KEVLAR SCISSORS**

- High quality
- Easily cuts through Kevlar fibers
- Soft grip handles
- A must have fiber preparation tool

*CS-FBRSCSR*

**B FIBER VISUAL FAULT LOCATOR**

- High precision laser to detect damage to fiber cabling
- Compatible with SC and other connectors
- Requires optional adapter for use with LC connectors

*CS-FBRVFL*

**C ADAPTER**

- LC female to SC male
- Adapter used for testing LC terminated cable with visual fault locator

*CS-FBRLCFSCM*
A. **SURGE PROTECTOR**
12 OUTLET WITH 2 USB PORTS
- Surge protection: up to 4050 Joules
- 2 USB charging ports 2.1A
- Coax protection
- ETL listed

AS-HP-612004U

B. **SURGE PROTECTOR**
8 OUTLET WITH 2 USB PORTS
- Surge protection: up to 2160 Joules
- Two 2.1A USB charging ports
- 6ft power cable
- ETL listed

AS-HP-208U

C. **SURGE PROTECTOR**
7 OUTLET
- Surge protection: up to 900 Joules
- 6ft power cable
- ETL listed

AS-HP-207
**A** SURE PROTECTOR
6 OUTLET WITH 2 USB PORTS
- Surge protection: up to 1080 Joules
- Two 2.1A USB charging ports
- 6ft power cable
- ETL listed

**AS-HP-206U**

**B** SURE PROTECTOR
4 OUTLET WITH 2 USB PORTS
- Surge protection: up to 450 Joules
- Two 2.1A USB charging ports
- 6ft power cable
- ETL listed

**AS-HP-204U**

**C** SURE PROTECTOR
4 OUTLET
- Surge protection: up to 300 Joules
- 1.5ft power cable
- ETL listed

**AS-P-104**

**D** SURE PROTECTOR
6 OUTLET
- 4ft power cable
- UL listed

**AS-HLTS-6**
A  WALL TAP 5 OUTLET WALL TAP
• Surge protection: up to 450 Joules
• ETL listed
AS-P-6R

B  WALL TAP 5 OUTLET WALL TAP
• Surge protection: up to 450 Joules
• ETL listed
AS-HP-6R

C  WALL TAP 5 OUTLET WITH 2 USB PORTS
• Surge protection: up to 450 Joules
• 2 USB charging ports 2.1A
• ETL listed
AS-P-5R

D  WALL TAP 5 OUTLET WITH 2 USB PORTS
• Surge protection: up to 450 Joules
• 2 USB charging ports 2.1A
• ETL listed
AS-HP-5R
**A WALL TAP**
3 OUTLET WITH 2 USB PORTS
- Surge protection: up to 900 Joules
- 2 USB charging ports 3.1A
- ETL listed
**AS-P-3WTU**

**B WALL TAP**
3 OUTLET WITH 2 USB PORTS
- Surge protection: up to 900 Joules
- 2 USB charging ports 3.1A
- ETL listed
**AS-HP-3WTU**

**C WALL TAP**
2 OUTLET WITH 2 USB PORTS
- Surge protection: up to 245 Joules
- 2 USB charging ports 2.1A
- ETL listed
**AS-P-2WTU**
**POWER STRIPS + USB CHARGERS**

**A POWER STRIP 4 OUTLET WITH 5 USB PORTS**
- Five 2.4A USB charging ports (8A/40W maximum)
- 5ft power cable
- ETL listed

**AS-P-25U**

**B USB CHARGER DUAL OUTLET USB PORTS**
- One QC 3.0 USB quick charge port
- One 2.4A USB charge port
- UL listed

**AS-P-24U**

**C USB CAR CHARGER DUAL USB PORTS**
- 2 USB charging ports 3.1A

**AS-P-DC2U**
BLUETOOTH® RECEIVER

The AS-BTR converts Bluetooth® audio to analog stereo giving you the ability to turn any audio system with analog inputs into a Bluetooth® speaker system.

Functions & Features:
- Play high quality music wirelessly without cables
- Wide applications with the ability to receive stereo music from mobile device, PC’s and other devices with Bluetooth® functions
- Connect speakers with 3.5mm audio inputs converting ordinary speakers to wireless Bluetooth® speakers instantly
- Auto-connect after first connection
- Power supplied by USB interfaces including a computer USB port and other power supplies that are compatible with USB
- 10 meters (32.8’) Bluetooth® wireless connection distance in typical home and office applications and up to 20 meters (65.6’) line of sight without any obstructions
- Compact size like a matchbox and easy to carry

Contents:
- Bluetooth® receiver
- Mini USB cable
- 5V USB power supply
- Audio connection
- Manual

AS-BTR
Connect and clean home theater devices with the Helios retail AV Kit, combining four products into one kit for unmatched quality and convenience. This kit includes:

**ASH-HDM809 - 4K HDMI® + Ethernet Cable - 9ft**
- 4K/60Hz Super Ultra HD and 18Gbps High Speed Rated: provides the maximum bandwidth
- HDR compatible: provides a richer, wider range of colors with 32 audio channels to enhance sound quality
- Universally compatible: supports HDMI® 2.0, HDCP 2.2, and is backwards compatible with older versions
- Supports Ethernet: share an internet connection without the need for a separate Ethernet cable

**AS-T-200 - Optical Digital Audio Cable - 9ft**
- Precision polished terminals for maximum light transmission
- Supports 24bit 48Hz audio
- Male to male connector
- Compatible with receivers, DVD/Blu-ray players, TVs, satellite systems, soundbars and gaming consoles
- Braided jacket and durable terminals

**AS-SC001 - Screen Cleaning Kit**
- Safely clean any LCD screen or glass surface without leaving lint, scratches or streaks behind
- (2) 45 ml/ 1 oz bottles of screen cleaner
- Anti-static and no run formula with no ammonia or alcohol
- Safe and effective for delicate screens
- 8” scratch-free microfiber cloth included

**AS-P-206 - Surge Protection Power Strip - 6ft**
- 1080 joules of surge protection
- 6 power outlets and two USB 2.1A ports
- 6 ft power cord
- Includes a $110,000 equipment protection warranty

**AS-AVKIT2**
AV ACCESSORIES

AT YOUR FINGERTIPS

NEW PRODUCTS
INSTRUCTION VIDEOS

FEATURES
SHOW DATES
Q & A

TUNE IN!
TechTips
LIVE VIDEO WEBINAR
EVERY OTHER WEDNESDAY LIVE AT 11 A.M. EST

LIVE Q&A
PRODUCT UNBOXING
TECHNICAL TIPS & TROUBLESHOOTING
PRODUCT GIVEAWAYS

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