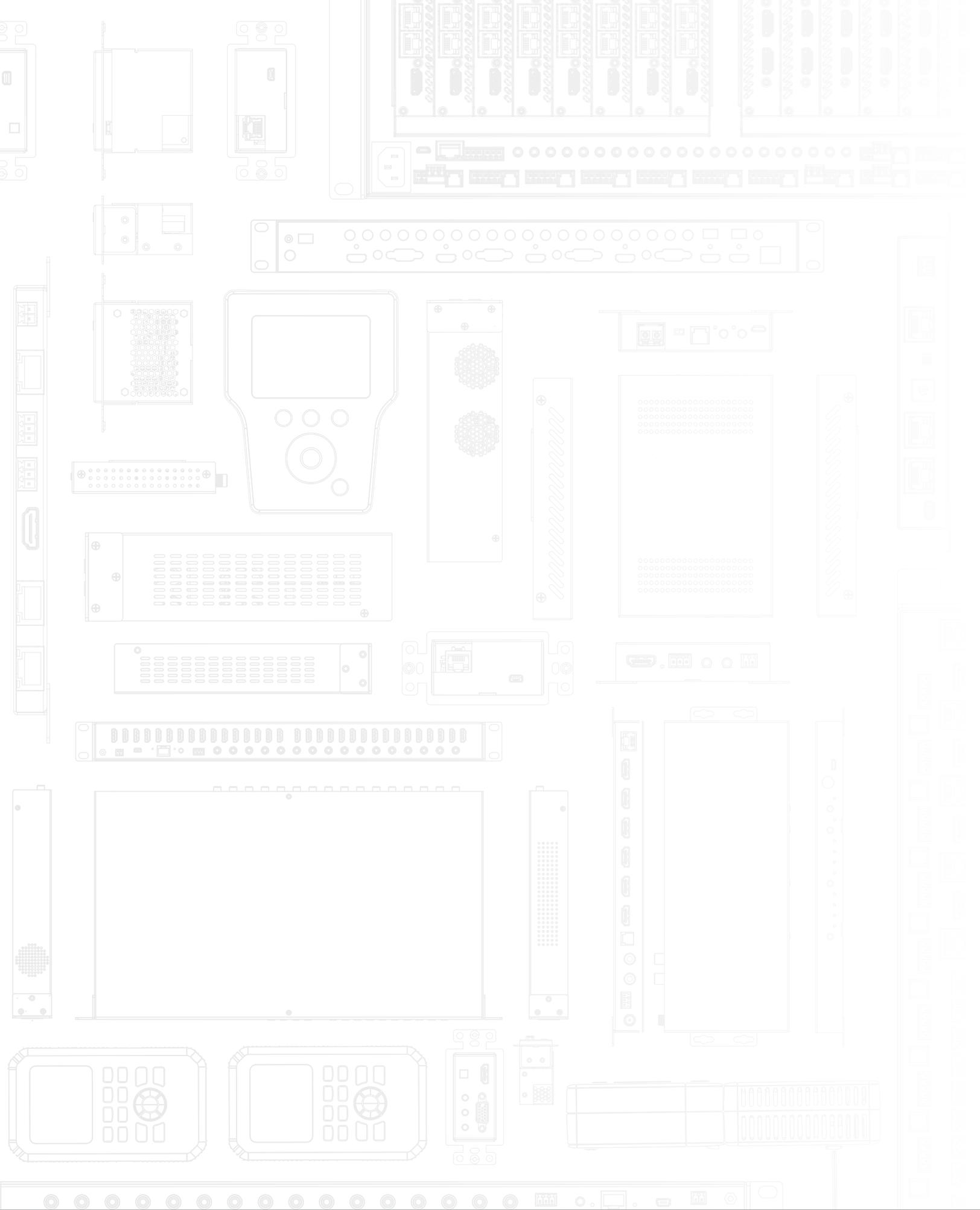


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PRODUCT GUIDE
2020





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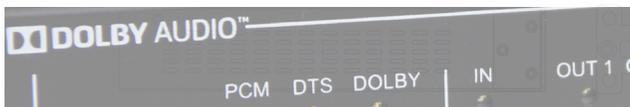
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THE SEVEN GENERATOR

[MU-GEN-SEVEN]

KEY FEATURES

- AN APPROVED TEST DEVICE FOR DOLBY VISION™ AND DOLBY AUDIO™
- ARC, eARC GENERATOR
- UP TO 120 FRAME VIDEO PLAYBACK AND TESTING
- A/V SYNC, AUDIO LATENCY, VIDEO LATENCY (AV SYNC & INPUT LAG)
- DOLBY VISION, HDR, HLG, SDR SUPPORT
- USER PATTERNS & VIDEO UPLOADS (USB 3.0)
- RAW YUV VIDEO & TEST PATTERN PLAYBACK
- DIVERSIFIED VIDEO SYSTEMS (DVS) HDR TEST PATTERN SUITE (YUV)
- OTHER CLIPS AND PATTERNS FROM ISF, PVA, SPEARS & MUNSIL, SONY PICTURES, PORTRAIT DISPLAYS, AND BILL WETZEL

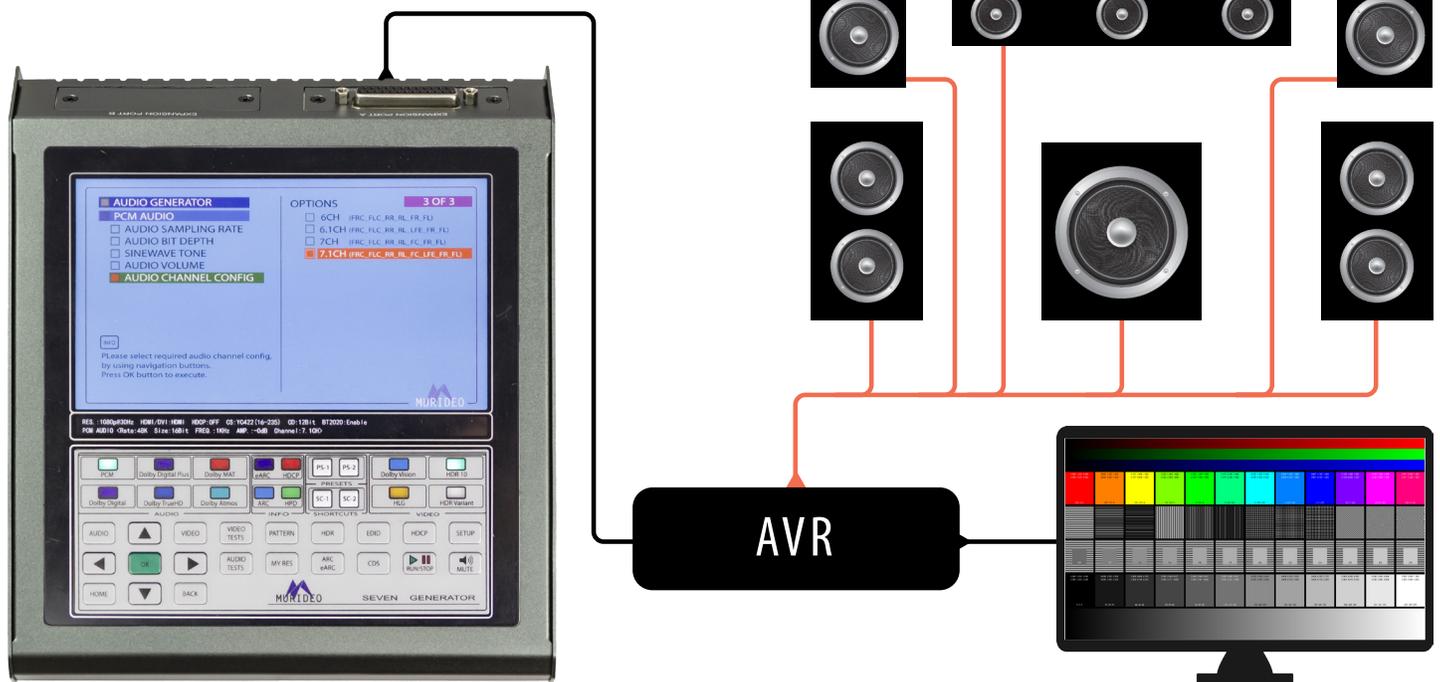


The SEVEN Generator is the next generation in HDMI test and measurement equipment from Murideo. An approved test device for Dolby Vision™ and Dolby Audio™, the SEVEN hosts an unmatched suite of audio and video tests. This device is the GO-TO tool for the video device, display, or repeater manufacturer as well as the consummate video professional.



SEVEN GENERATOR CONNECTION DIAGRAM

HDMI —
Speaker wire —



THE SIX-G GENERATOR

[MU-GEN-SIX-G-GEN2]

KEY FEATURES

- **HDMI 2.0 – 600MCSC, 2160P60 4:4:4 MAXIMUM RESOLUTION**
- **FULL HDR, DOLBY VISION, HDR10+ AND HLG SUPPORT**
- **EDID READ FUNCTIONALITY**
- **IMAGING SCIENCE FOUNDATION CERTIFIED**
- **IDEAL FOR VIDEO CALIBRATION**

This generator confirms HDMI 2.0 and HDCP 2.2 operation at the 18Gbps level. An excellent troubleshooting tool for distributed HDMI systems and reference source for video calibration that is compatible with CalMAN.

The SIX-G takes the guesswork out of troubleshooting by providing absolute information about HDMI components. It's designed to be extremely easy to use featuring front panel controls that allow access to 99% of the features plus free control software. Additionally, the SIX-G is the only unit to carry the complete suite of ISF test patterns, select-able color output level, RGB Triplets, and Constant APL (Average Picture Level) all in one unit, making it a calibrator's dream.



THE SIX-A ANALYZER

[MU-ANA-SIX-A-GEN2]

KEY FEATURES

- **18Gbps 4K60 (4:4:4) SUPPORT**
- **FULL HDR, DOLBY VISION, HDR10+ AND HLG SUPPORT**
- **18Gbps CABLE TESTING**
- **HDCP 2.2 ANALYSIS**
- **ADVANCED EDID TESTING**
- **BIT ERROR TESTING**

This 18Gbps 4K analyzer can read HDR, show a live video preview, and, when paired with the SIX-G, becomes a full testing system.

In today's world of mixed systems and multiple flavors of SD, HD, and UHD, this tool solves problems. Use the SIX-A for testing basic and complex switching solutions for maximum capability and performance, including complete high bandwidth HDMI cable testing, HDBaseT, and HDIP link testing up to 18Gbps (that means 8K SUHD, all HDR flavors, plus legacy sources like 480i/p). Plus, you can even use the SIX-A to monitor an unstable system with intermittent issues and capture the data required to fix the problem.



SIX-G & SIX-A FIELD TEST SUITE

[MU-SIX-PAIR]

Pair the SIX-G Generator and SIX-A Analyzer for an unrivaled testing and troubleshooting suite.



extender comparison

MODEL	MAX DISTANCE 4K	MAX DISTANCE 1080P	MAX BANDWIDTH	HDR SUPPORT	DOLBY VISION SUPPORT	ETHERNET
POINT TO POINT HDMI EXTENDERS						
AC-EXO-UNC-KIT	300 Meters	300 Meters	18 Gbps	Full	Yes	Yes (4 ports)
AC-EXO-444-KIT	2000 Meters	2000 Meters	18 Gbps	Full	Yes	No
AC-EX100-444-KIT	100 Meters	100 Meters	18 Gbps	Full	Yes	Yes (4 ports)
AC-EX70-444-KIT	70 Meters	150 Meters	18 Gbps	Full	Yes	Yes (4 ports)
AC-EX40-444-PLUS-KIT	40 Meters	70 Meters	18 Gbps	Full	Yes	No
AC-EX40-444-KIT	40 Meters	70 Meters	18 Gbps	Full	Yes	No
AC-EX100-UHD-KIT-P	70 Meters	100 Meters	10.2 Gbps	Limited	Limited	Yes (4 ports)
AC-EX70-UHD-KIT	40 Meters	70 Meters	10.2 Gbps	Limited	Limited	No
AC-EX70-UHD-BKT	40 Meters	70 Meters	10.2 Gbps	Limited	Limited	No
CONFERX WALL PLATE LINE-UP						
HDMI, Mini DisplayPort/ HDMI, USB-C/HDMI, VGA/HDMI	70 Meters	100 Meters	10.2 Gbps	Limited	Limited	No
AC-CXWP-HDMO-BKT	40 Meters	70 Meters	10.2 Gbps	Limited	Limited	No
STANDALONE Tx & RX						
AC-EX100-UHD-R3	70 Meters	100 Meters	10.2 Gbps	Limited	Limited	Yes (2 ports)
AC-EX100-UHD-T	70 Meters	100 Meters	10.2 Gbps	Limited	Limited	Yes (2 ports)
AC-EX70-UHD-R	40 Meters	70 Meters	10.2 Gbps	Limited	Limited	No
AC-EX70-444-RNE Only for use with HDBaseT Matrices	70 Meters	100 Meters	18 Gbps	Full	Yes	No
AC-EX150-HD-C9R Only for use with Cloud 9 Matrix	N/A	150 Meters	6 Gbps	No	No	No
AC-EX150VW-C9R Only for use with Cloud 9 Matrix	N/A	150 Meters	6 Gbps	No	No	No
AUDIO ONLY EXTENDER						
	MAX DISTANCE		AUDIO SUPPORTED (COAX)			
AC-AUDEX-DIGI	150 Meters		DD, DTS, Stereo, PCM/LPCM (6CH)			

IR/RS232 PASS- THROUGH	EDID MGMT	BI- DIRECTIONAL POWER	AUDIO EXTRACTION	TEST PATTERN	SCALING	LINK CABLE TYPE
Full	No	No	Yes (features ARC)	No	No	Multi or Single-Mode Fiber
Full	Full	No	Yes (features ARC)	Yes	Yes	Multi or Single-Mode Fiber
Full	Full	Yes	Yes (features ARC)	Yes	Yes	CAT 6a
Full	Full	Yes	Yes	Yes	Yes	CAT 6a
Full	Full	Yes	Yes (features ARC)	Yes	Yes	CAT 6a
Full	Full	Yes	Yes	Yes	Yes	CAT 6a
Full	Full	Yes	Yes	No	No	CAT 6a
Full	No	Yes	No	No	No	CAT 6a
Limited	No	Yes	No	No	No	CAT 6a
No	Yes	No	No	No	No	CAT 6a
No	No	No	No	No	No	CAT 6a
Full	Full	Yes	Yes	No	No	CAT 6a
Full	Full	Yes	Yes	No	No	CAT 6a
Full	No	Yes	No	No	No	CAT 6a
Full	No	Yes	Yes	No	No	CAT 6a
Limited	No	Yes	No	No	No	CAT 6a
Limited	No	Yes	No	No	No	CAT 6a
AUDIO SUPPORTED (TOSLINK)				CABLE TYPE		IDEAL FOR
DD, DD+, DTS, DTS-HD, PCM/LPCM (7CH)				CAT 6a		Audio Only/Audio Return to Rack

KIT = TRANSMITTER & RECEIVER, BKT = BASIC KIT

18GBPS 4K60 (4:4:4) HDBASET EXTENDER KITS

[AC-EX40-444-KIT, AC-EX40-444-PLUS-KIT, AC-EX70-444-KIT, AC-EX100-444-KIT-GEN2]

KEY FEATURES

- HDMI 2.0
- UNCOMPRESSED 18GBPS BANDWIDTH SUPPORT
- FULL HDR, HDR10+, DOLBY VISION AND HLG SUPPORT
- MULTI CHANNEL AUDIO EXTRACTION
- ARC SUPPORT
- ETHERNET

40, 70, and 100 Meter HDMI Extenders built to carry 18Gbps, 4K60 (4:4:4) signals including HDR, Wide Color Gamut, and Deep Bit Color.

Developed with AVPro Edge's proprietary ICT technology, these extenders carry full 18Gbps 4K60 (4:4:4) signals over single category cable. This allows integrators to install the latest sources with confidence and provide customers with an immersive HDR experience. With bi-directional power, left/right audio breakouts, EDID management, scaling, built-in 4K test patterns, IR, and RS-232 included, these extenders are unparalleled.

100 METER EXTENDER KIT [AC-EX100-444-KIT-GEN2]

Additionally features Ethernet (2 ports), bi-directional USB Extension and Audio Return Channel (ARC).



70 METER EXTENDER KIT [AC-EX70-444-KIT]

Additionally features Ethernet (2 ports) and long range mode for up to 150 meters 1080P.



40 METER PLUS EXTENDER KIT [AC-EX40-444-PLUS-KIT]

Additionally features bi-directional USB Extension and Audio Return Channel (ARC).



40 METER EXTENDER KIT [AC-EX40-444-KIT]



10.2 GBPS 70M HDBaseT EXTENDER KIT

[AC-EX70-UHD-KIT]

KEY FEATURES

- HDMI 2.0
- 4K60 4:2:0, 4K30 4:4:4
- DOLBY VISION SUPPORT UP TO 10.2 GBPS
- ULTRA SLIM (.47 INCH/12MM)
- HDCP 2.2 & EARLIER
- BI-DIRECTIONAL POWER



A super-slim 70 Meter HDMI via HDBaseT Extender over single category cable, the AVPro Edge primary extender is the most cost-effective and reliable single CAT 70 meter extender on the market today. The AC-EX70-UHD solves problems for both commercial and residential markets for distributing high-value 4K UHD content from rack to display.

70M BASIC HDBaseT EXTENDER KIT

[AC-EX70-UHD-BKT]

KEY FEATURES

- HDMI 2.0
- 4K60 4:2:0, 4K30 4:4:4
- HDCP 2.2 & EARLIER
- BI-DIRECTIONAL POWER
- BI-DIRECTIONAL IR PASS THROUGH (EYE ONLY)
- BI-DIRECTIONAL RS-232 PASS THROUGH



Anything but basic, this AVPro Edge extender is a cost-effective, state of the art, and reliable single CAT 70 meter extender featuring bi-directional power plus RS-232 and IR control. Pass 1080p HDMI signals 70 meters and 4K HDMI signal 40 meters all over readily available CAT-6a cable using HDBaseT technology.

THE SQUID RACK

[AC-EX70-RACK]

Clean up your installations with AVPro Edge's Squid Rack. Easily mount up to eight extenders in a rack at the same time.



THE POWER SQUID

[AC-PSU-EX70-SQUID-8]

The perfect solution to clean up any rack while getting rid of seven power supplies. The Power Squid was built to power eight Rx's or Tx's at the same time.





AVPRO TRAINING

REAL TRAINING FOR REAL PROFESSIONALS

Professional A/V Education is a career responsibility. With the constant change in trends and technologies, you are only at your best if you possess the most current and relevant knowledge at any given time. AVPro offers highly relevant courses for AV Professionals. We audit every course offering regularly to ensure only the most relevant and current trends are covered.



AVPro Academy is a 2-day training course covering the fundamentals of 4K & HDR, EDID Management, Multi-zone Optimization, and more. This training is a mixture of traditional classroom learning with a considerable portion of hands-on training. After you complete AVPro Academy and pass an exam, you will earn a certificate and become ISF Level I certified. AVPro Academy is CEDIA and AVIXA accredited and will earn you 7Rus or CEUs!



Join Joel Silver, 2018 CEDIA Lifetime Achievement Award winner, for this hands-on training advanced training in calibration, high bandwidth video distribution, and HDR. Learn and do what it takes to get a signal from a new UHD HDR player to every zone in the installation via various devices, including fiber optic (even terminating fiber), HDBaseT, and HDMI over IP. You will also explore and learn HDR-10, Dolby Vision, and HLG video calibration on today's latest display technologies, including flat panels and projectors.



HAA offers three training certifications and classes. These training courses provide three levels of certifications. Important discussion topics will include Dolby Atmos, new acoustical treatment strategies, a new, more efficient calibration process, and more. Attendees will learn the latest state-of-the-art techniques to design acoustically perfected listening rooms including correct speaker, seating, sub-woofer, and acoustical treatment placement.



The PVA Certified Professional Video Calibration course provides professional video calibrators an in-depth and comprehensive calibration training. PVA training workshops are based on years of expertise in the physics of video and psycho-visual perception. Proven facts, solid concepts, and decades of expertise come together in this unique, top-rate workshop.

FOR MORE INFORMATION AND COURSE SCHEDULES, PLEASE VISIT

WWW.AVPRO.TRAINING

matrix switcher comparison

MODEL	4K (9GBPS)	4K (HDR) 18GBPS)	HDBASET	SCALERS	EDID MGMT	SWITCH SPEED (AVG SEC)	AUDIO EXTRACTION	AUDIO PORTS
AC-MX42-AUHD	Yes	Yes	No	Yes (one)	Yes	5	OUTPUT	SPDIF Optical/L-R RCA
AC-MX82-AUHD / AC-MX82-AUHD-RM (Rack Mount Version)	Yes	Yes	No	Yes (one)	Yes	5	OUTPUT	SPDIF Optical/L-R RCA
AC-MX44-AUHD	Yes	Yes	No	Yes	Yes	8	IN/OUT/ MATRIX	5-pin terminal block (Balanced) & SPDIF Optical
AC-MX44-AUHD-HDBT	Yes	Yes	Yes	Yes*	Yes	3 HDMI/ 5 HDBT	IN/OUT/ MATRIX	5-pin terminal block (Balanced) & SPDIF Optical
AC-MX88-UHD-GEN2	Yes	No	No	No	Yes	3	IN/OUT/ MATRIX	3.5 mm & SPDIF Coax
AC-MX88-AUHD-GEN2	Yes	Yes	No	Yes	Yes	8	IN/OUT/ MATRIX	5-pin terminal block (Balanced) & SPDIF Optical
AC-MX88-AUHD-NSFS	Yes	Yes	No	No	Yes	3	IN/OUT/ MATRIX	3.5 mm & SPDIF Coax
AC-MX88-AUHD-HDBT- PLUS	Yes	Yes	Yes	Yes*	Yes	3 HDMI/ 5 HDBT	IN/OUT/ MATRIX	5-pin terminal block (Balanced) & SPDIF Optical
AC-MX88-AUHD-HDBT- AVDM	Yes	Yes	Yes	Yes*	Yes	3 HDMI/ 5 HDBT	IN/OUT/ MATRIX	5-pin terminal block (Balanced) & SPDIF Optical
AC-MX1616-AUHD	Yes	Yes	No	No	Yes	3	IN/OUT/ MATRIX	SPDIF Coax
AC-MX1616-AUHD-HDBT	Yes	Yes	Yes	Yes*	Yes	3 HDMI/ 5 HDBT	IN/OUT/ MATRIX	5-pin terminal block (Balanced) & SPDIF Optical
AC-MX1616-AUHD-HDBT- AVDM	Yes	Yes	Yes	Yes*	Yes	3 HDMI/ 5 HDBT	IN/OUT/ MATRIX	5-pin terminal block (Balanced) & SPDIF Optical
CONFEX MATRIX SWITCHERS								
AC-CX42-AUHD	Yes	Yes	Yes	Yes (one)	Yes	5	OUTPUT	5-pin terminal block (Balanced) & SPDIF Optical
AC-CX62-AUHD	Yes	Yes	Yes	Yes (one)	Yes	5	OUTPUT	5-pin terminal block (Balanced) & SPDIF Optical

*THE AC-MX44/88/1616-AUHD-HDBT MATRIX SWITCHERS WILL ONLY UPSCALE HD → 4K ON THE HDMI OUTPUT AND WILL ONLY DOWNSCALE 4K → HD ON THE HDBASET OUTPUT

A NOTE ON SCALING & SWITCHING TIMES: SWITCHING TIME INCREASES ON "SCALING" MATRICES DUE TO ADDITIONAL PROCESSING TIME FOR SOURCES/DISPLAYS AND THE MATRIX ITSELF. IF USING A BLENDED SYSTEM (1080P/4K) YOU WILL LIKELY WANT TO SELECT A SWITCH WITH SCALERS. IF DOING AN ALL 4K SYSTEM, SELECT ONE WITHOUT FOR FASTER SWITCHING.

AUDIO CODECS (ON HDMI OR HDBT)	AUDIO CODECS (EXTRACTED)	DOLBY/DTS TO 2 CH DOWNMIX
DD, DD+, DD True HD, DD MAT, DD Atmos, DTS, DTS-HD, DTS-MA, DTS-X, PCM, LPCM (Uncompressed)	DD, DD+, DTS, DTS-HD, PCM/LPCM (6CH)	Use AC-AVDM-AUHD
DD, DD+, DD True HD, DD MAT, DD Atmos, DTS, DTS-HD, DTS-MA, DTS-X, PCM, LPCM (Uncompressed)	DD, DD+, DTS, DTS-HD, PCM/LPCM (6CH)	Use AC-AVDM-AUHD
DD, DD+, DD True HD, DD MAT, DD Atmos, DTS, DTS-HD, DTS-MA, DTS-X, PCM, LPCM (Uncompressed)	DD, DD+, DTS, DTS-HD, PCM/LPCM (6CH)	Use AC-AVDM-AUHD
DD, DD+, DD True HD, DD MAT, DD Atmos, DTS, DTS-HD, DTS-MA, DTS-X, PCM, LPCM (Uncompressed)	DD, DD+, DTS, DTS-HD, PCM/LPCM (6CH)	Use AC-AVDM-AUHD
DD, DD+, DD True HD, DD MAT, DD Atmos, DTS, DTS-HD, DTS-MA, DTS-X, PCM, LPCM (Uncompressed)	DD, DTS, Stereo, PCM/LPCM (6CH)	Use AC-AVDM-AUHD
DD, DD+, DD True HD, DD MAT, DD Atmos, DTS, DTS-HD, DTS-MA, DTS-X, PCM, LPCM (Uncompressed)	DD, DD+, DTS, DTS-HD, PCM/LPCM (6CH)	Use AC-AVDM-AUHD
DD, DD+, DD True HD, DD MAT, DD Atmos, DTS, DTS-HD, DTS-MA, DTS-X, PCM, LPCM (Uncompressed)	DD, DTS, Stereo, PCM/LPCM (6CH)	Use AC-AVDM-AUHD
DD, DD+, DD True HD, DD MAT, DD Atmos, DTS, DTS-HD, DTS-MA, DTS-X, PCM, LPCM (Uncompressed)	DD, DD+, DTS, DTS-HD, PCM/LPCM (6CH)	Use AC-AVDM-AUHD
DD, DD+, DD True HD, DD MAT, DD Atmos, DTS, DTS-HD, DTS-MA, DTS-X, PCM, LPCM (Uncompressed)	DD, DD+, DTS, DTS-HD, PCM/LPCM (6CH)	Built-in downmixers on each Input
DD, DD+, DD True HD, DD MAT, DD Atmos, DTS, DTS-HD, DTS-MA, DTS-X, PCM, LPCM (Uncompressed)	DD, DTS, Stereo, PCM/LPCM (6CH)	Use AC-AVDM-AUHD
DD, DD+, DD True HD, DD MAT, DD Atmos, DTS, DTS-HD, DTS-MA, DTS-X, PCM, LPCM (Uncompressed)	DD, DD+, DTS, DTS-HD, PCM/LPCM (6CH)	Use AC-AVDM-AUHD
DD, DD+, DD True HD, DD MAT, DD Atmos, DTS, DTS-HD, DTS-MA, DTS-X, PCM, LPCM (Uncompressed)	DD, DD+, DTS, DTS-HD, PCM/LPCM (6CH)	Built-in downmixers on each Input
DD, DD+, DD True HD, DD MAT, DD Atmos, DTS, DTS-HD, DTS-MA, DTS-X, PCM, LPCM (Uncompressed)	DD, DD+, DTS, DTS-HD, PCM/LPCM (6CH)	N/A
DD, DD+, DD True HD, DD MAT, DD Atmos, DTS, DTS-HD, DTS-MA, DTS-X, PCM, LPCM (Uncompressed)	DD, DD+, DTS, DTS-HD, PCM/LPCM (6CH)	N/A

18GBPS HDBASET MATRIX SWITCHERS

[AC-MX44-AUHD-HDBT, AC-MX88-AUHD-HDBT-PLUS, AC-MX1616-AUHD-HDBT]

KEY FEATURES

- HDMI 2.0
- 18GBPS UNCOMPRESSED BANDWIDTH SUPPORT ON HDMI
- 18GBPS WITH ICT ON HDBASET OUTPUTS
- FULL HDR, HDR10+, HLG, AND DOLBY VISION SUPPORT
- HDCP 2.2 AND ALL EARLIER VERSIONS SUPPORTED
- ADVANCED EDID MANAGEMENT
- IR, RS-232 AND LAN CONTROL OPTIONS
- DIGITAL TOSLINK OUT (6CH PCM, DD, DTS)
- BUILT IN TEST PATTERN ON EACH OUTPUT TO VERIFY INFRASTRUCTURE

These 18Gbps 4K60 (4:4:4) 16x16, 8x8, and 4x4 HDBaseT matrix switchers with ICT feature uncompressed mirrored HDMI, IR routing, RS-232 signal management, scaling and audio matrixing and delay. Each output block on these powerhouse 4x4 and 8x8 HDBaseT matrix switchers contain both a mirrored HDMI and HDBaseT port capable of handling full 18Gbps video signals with HDR metadata (8 mirrored output blocks on 16x16), HDMI 2.0, and HDCP 2.2.

4x4 HDBASET MATRIX SWITCH

[AC-MX44-AUHD-HDBT]



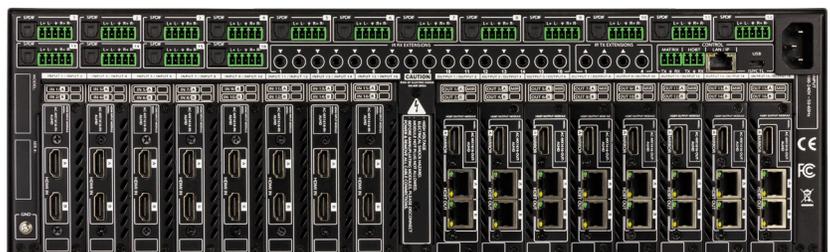
8x8 HDBASET MATRIX SWITCH

[AC-MX88-AUHD-HDBT-PLUS]



16x16 HDBASET MATRIX SWITCH

[AC-MX1616-AUHD-HDBT]



18GBPS 4K60 (4:4:4) 70 METER HDBASET RECEIVER

[AC-EX70-444-RNE]

This HDBaseT Rx was designed to work specifically with AVPro Edge's HDBaseT matrix switchers.



18GBPS HDBaseT DOWNMIXING MATRIX SWITCH

[AC-MX88-AUHD-HDBT-AVDM, AC-MX1616-AUHD-HDBT-AVDM]

KEY FEATURES

- DOWNMIX BEYOND 7.1 CHANNEL
- DOWNMIX DOLBY ATMOS AND DTS HD TO 2 CHANNEL
- 18GBPS UNCOMPRESSED BANDWIDTH SUPPORT ON HDMI
- 18GBPS WITH ICT ON HDBaseT OUTPUTS
- FULL HDR, HDR10+, HLG, AND DOLBY VISION SUPPORT

All the benefits of the HDBaseT Matrix Switch with the ability to downmix bitstream audio beyond 7.1 channel into a 2 channel audio signal via all inputs, including Dolby Atmos and DTS-X.

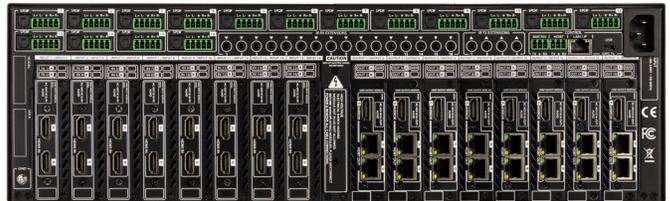
8x8 HDBaseT MATRIX SWITCH W/ 7.1 CH DOWNMIXING

[AC-MX88-AUHD-HDBT-AVDM]



16x16 HDBaseT MATRIX SWITCH W/ 7.1 CH DOWNMIXING

[AC-MX1616-AUHD-HDBT-AVDM]



18GBPS HDBaseT MODULAR MATRIX SWITCH

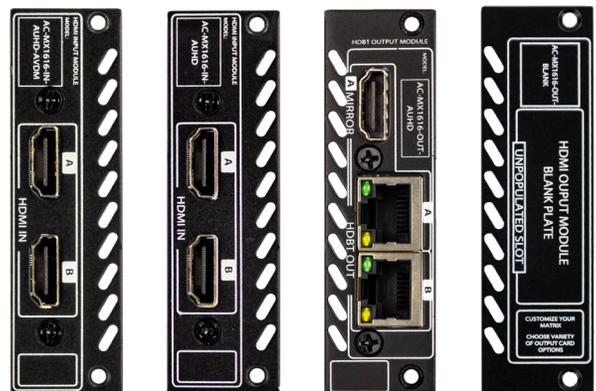
[AC-MX1616-AUHD-HDBT-CHASSIS, AC-MX1616-IN-AUHD, AC-MX1616-IN-AUHD-AVDM, AC-MX1616-OUT-AUHD, AC-MXOUT-BLANK]

KEY FEATURES

- 18GBPS UNCOMPRESSED BANDWIDTH SUPPORT ON HDMI
- 18GBPS WITH ICT ON HDBaseT OUTPUTS
- FULL HDR, HDR10+, HLG, AND DOLBY VISION SUPPORT
- AUDIO DOWNMIXING INPUT CARDS

AVPro Edge's 4K60 (4:4:4) Modular Matrix Switcher has up to 16 HDMI inputs and 16 HDBaseT outputs. This product allows you to custom order your inputs and outputs so you can create the ultimate HDMI matrix switch.

To customize your matrix, please contact your sales representative.



18GBPS AUTO-SWITCHING HDMI MATRIX SWITCHERS

[AC-MX42-AUHD, AC-MX82-AUHD, AC-MX82-AUHD-RM]

KEY FEATURES

- HDMI 2.0
- 18GBPS BANDWIDTH SUPPORT
- 4K60 4:4:4 SUPPORT
- FULL HDR, HDR10+, HLG AND DOLBY VISION SUPPORT
- HDCP 2.2 AND ALL EARLIER VERSIONS SUPPORTED
- ADVANCED EDID MANAGEMENT
- PERFECT AVR BYPASS

These 18Gbps HDMI matrix switchers are the perfect solution for any small home or apartment set-up. Utilize this product to work around older AVR's that are unable to handle higher bandwidths by bypassing uncompressed HDMI to the display while running down-scaled video into a legacy AVR. Many like this switch for the home theater, but it is also a conference room all-star. The auto-switching feature makes this unit an ideal, affordable component for any conference room system.

4x2 HDMI MATRIX SWITCH

[AC-MX42-AUHD]



8x2 HDMI MATRIX SWITCH

[AC-MX82-AUHD]



RACK MOUNTABLE 8x2 HDMI MATRIX SWITCH

[AC-MX82-AUHD-RM]



These switches pass full, un-scaled, video while simultaneously down-scaling one output to lower the video bandwidth yet maintain the original, untouched audio codecs - making the signal ideal to send into an AVR.

18GBPS HDMI MATRIX SWITCHERS

[AC-MX44-AUHD, AC-MX88-AUHD-GEN2]

KEY FEATURES

- HDMI 2.0
- 18GBPS BANDWIDTH SUPPORT
- 4K60 4:4:4 SUPPORT
- FULL HDR, HDR10+, HLG AND DOLBY VISION SUPPORT
- HDCP 2.2 AND ALL EARLIER VERSIONS SUPPORTED
- 1080P → 4K & 4K → 1080P UP/DOWN SCALERS ON EACH OUTPUT
- ADVANCED EDID MANAGEMENT
- IR, RS-232 AND LAN CONTROL OPTIONS

These 18Gbps 4K60 (4:4:4) 4x4 and 8x8 matrix switchers feature Toslink audio outputs, built-in scalers, on-board audio delay control, and support up to Dolby Audio™ 7.1, DTS® & LPCM. A full built-in audio matrix allows you to move the audio signal independently from the video signal at any of the de-embedded audio outputs. Audio delay is also 'on-board' so you can manage lip-sync issues before they become a problem. Also, with built-in scalers, you don't have to forfeit that 4K signal just because you have a few older displays. Full EDID management also allows maximum flexibility with today's wide range of sources and displays.

4x4 HDMI MATRIX SWITCH

[AC-MX44-AUHD]



8x8 HDMI MATRIX SWITCH

[AC-MX88-AUHD-GEN2]



18GBPS 8x8 FAST SWITCHING MATRIX SWITCH

[AC-MX88-AUHD-NSFS]

KEY FEATURES

- HDMI 2.0
- 18GBPS BANDWIDTH SUPPORT
- 4K60 4:4:4 SUPPORT
- FULL HDR, HDR10+, HLG AND DOLBY VISION SUPPORT

This matrix was built with switching speed in mind. With high bandwidth 4K, switching times increase because of added data compared to legacy resolutions like 720p or 1080i/p. In this unit, we have removed scaling control and audio delay to give the integrator our fastest switching matrix.



18GBPS 16x16 HDMI MATRIX SWITCH

[AC-MX1616-AUHD]

KEY FEATURES

- HDMI 2.0
- 18GBPS BANDWIDTH SUPPORT
- 4K60 4:4:4 SUPPORT
- FULL HDR, HDR10+, HLG AND DOLBY VISION SUPPORT
- HDCP 2.2 AND ALL EARLIER VERSIONS SUPPORTED
- ADVANCED EDID MANAGEMENT
- ULTRA-LOW PROFILE (1RU)



The AC-MX1616-AUHD is a true high bandwidth powerhouse. Supporting the full HDMI 2.0 specification and supporting every flavor of HDR, this matrix will ensure you can get the most out of any system. This unit supports uncompressed HDR formats including HDR, HDR10, HDR10+, Dolby Vision, HLG, BBC, and NHK, all of which are supported in up to 4K 60Hz and up to 12 Bit Deep Color. All color space compression is compatible.

10.2 GBPS HDMI 8x8 MATRIX SWITCH

[AC-MX88-UHD-GEN2]

KEY FEATURES

- HDMI 2.0
- 4K60 4:2:0 SUPPORT
- HDCP 2.2 AND ALL EARLIER VERSIONS SUPPORTED
- ADVANCED EDID MANAGEMENT
- IR, RS-232 AND LAN CONTROL OPTIONS



An 8x8 HDMI Matrix with audio de-embedding, 4K 60Hz (4:2:0), HDMI 2.0, and HDCP 2.2.

This 8x8 HDMI matrix switch supports HDMI 2.0, HDCP 2.2, up to 4K video resolution, and up to 10.2Gbps bandwidth. It equalizes and amplifies the output to ensure the HDMI signal can be transmitted through long HDMI cables without loss of quality. Full EDID management allows maximum flexibility when working with today's wide array of sources and displays.

3 PIN PHOENIX CONNECTOR

[AC-CABLE-3PIN-2CH]

3Pin Phoenix Connector to 2 Channel Audio Outputs



5 PIN PHOENIX CONNECTOR

[AC-CABLE-5PIN-2CH]

5Pin Phoenix Connector to 2 Channel Audio Outputs



IR EMITTER

[AC-IRTX-VIS-10]

10 pack of Visible Light (Red) IR Emitter Eyes



How AVPro Does Switching

AVPro Edge specializes in full bandwidth audio/video distribution, working alongside HDMI, HDBaseT and HDCP, we pride ourselves on developing uniquely engineered solutions for today's integrator. AVPro Edge's product line-up is diverse and each solution is designed to exploit every capability of the chip set inside. We do not believe in throttling features but providing integrators with cutting edge, affordable solutions. As an original equipment manufacturer, we are so confident with the reliability of our products that we offer an industry leading 10 year manufacturer's warranty. At AVPro Edge, we continue to push audio video technology into the future and make sure our customers receive dependable products along the way.

Listed below are just some of the things that make our switches unique. These are not standard features with other audio/video distribution products.

KEY FEATURES

- TEST PATTERN GENERATION
- FRONT PANEL ACCESS FOR DHCP, NETWORK INFO, RESET, EDID VARIOUS FUNCTIONS
- FPGA PROCESSING FOR ADVANCED FEATURES ON THE CLOUD 9 MATRIX AND THE VIDEO FLUX MULTI-VIEWER
- IN HOUSE ENGINEERING & MANUFACTURING
- BUILT-IN DOWNMIXING
- DRIVERS FOR ALL MAJOR CONTROL SYSTEMS
- EDID MANAGEMENT
- DOWNSCALING
- FULL AUDIO ROUTING & MATRIX

AVPRO MATRIX SWITCHERS HAVE AVAILABLE DRIVERS FOR:

Control4®

RTI

U-C®

CRESTRON®

ELAN® SAVANT

AND MORE!



welcome to

CLOUD 9

9xUNLIMITED MASS MEDIA MATRIX

[AC-MX9XHDL-HDBT-GEN2]

KEY FEATURES

- BUILT FOR CASCADING
- 9 SOURCE MULTI-VIEW
- MATRIXABLE QUAD-VIEW
- 9 SOURCE/UNLIMITED OUTPUTS
- INSTANT SWITCHING WITH AIMS TECHNOLOGY
- VIDEO WALL CAPABILITY
- FPGA BASED HARDWARE

A stable alternative to AV over IP, this 9x9 HDBaseT Matrix and Multi-Viewer was made for cascading to allow limitless outputs by adding additional units. It also features instant switching and multi-view functions.

The Cloud 9 produces actual lossless images on screen, making it ideal for low to no maintenance setups. This is a quick and efficient installation option for larger AV systems because no network switch is required. In addition, you have access to dual, front panel color screens to further simplify the setup process. Features of the Cloud 9 include matrixable quad-view, 9-source multi-view, Actual Instant Matrix Switching (AIMS), IR & RS-232 control of the displays, matrixable audio, and more.



150 METER HDBaseT RECEIVER

[AC-EX150-HD-C9R]

KEY FEATURES

- HDCP 2.2
- ULTRA SLIM (.47 INCH/12MM) TO FIT BEHIND THE DISPLAY

Built specifically for the Cloud 9, a 150 Meter HDBaseT receiver



150 METER VIDEO WALL RECEIVER

[AC-EX150VW-C9R]

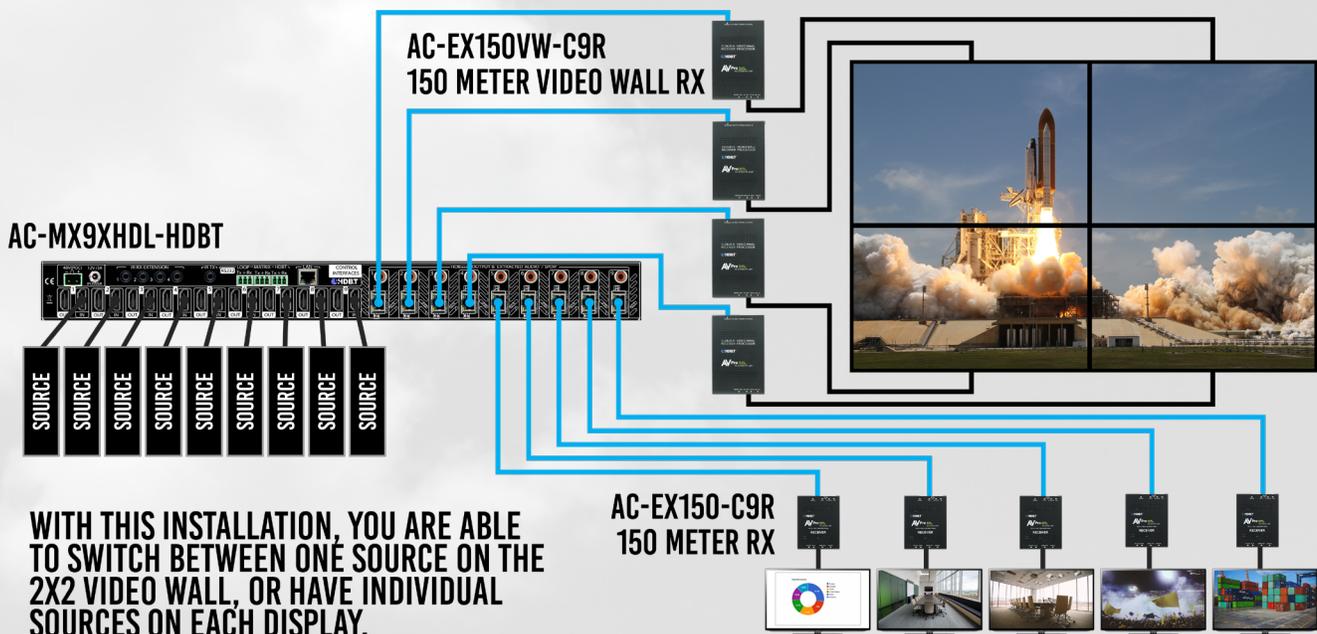
KEY FEATURES

- HDCP 2.2
- VIDEO WALL UP TO 3X3
- ULTRA SLIM (.47 INCH/12MM) TO FIT BEHIND THE DISPLAY

Built specifically for the Cloud 9, a 150 Meter HDBaseT receiver with video wall capabilities.



CLOUD 9: 2X2 VIDEO WALL APPLICATION



WITH THIS INSTALLATION, YOU ARE ABLE TO SWITCH BETWEEN ONE SOURCE ON THE 2X2 VIDEO WALL, OR HAVE INDIVIDUAL SOURCES ON EACH DISPLAY.

18GBPS DISTRIBUTION AMPLIFIER FAMILY

[AC-DA12-AUHD-GEN2, AC-DA14-AUHD-GEN2, AC-DA18-AUHD-GEN2]

KEY FEATURES

- HDMI 2.0
- 18GBPS 4K60 4:4:4 SUPPORT
- FULL HDR, HDR 10+, HLG, AND DOLBY VISION SUPPORT
- HDCP 2.2 AND ALL EARLIER VERSIONS SUPPORTED
- ADVANCED EDID MANAGEMENT
- CASCADABLE

A true 18Gbps distribution amplifier family, these products are ideal for all applications where stable distribution is critical. Full 18Gbps and HDR support ensure military-grade stability even at the highest bandwidth.

Complete with a built-in “cascade mode” that can be enabled for plug and play compatibility, these distribution amplifiers can be cascaded for extended distances and to add additional outputs. All three distribution amplifiers support all 4K formats.

1x2 DISTRIBUTION AMPLIFIER

[AC-DA12-AUHD-GEN2]

Features Toslink audio extraction and the ability to downscale output 2



1x4 DISTRIBUTION AMPLIFIER

[AC-DA14-AUHD-GEN2]



1x8 DISTRIBUTION AMPLIFIER

[AC-DA18-AUHD-GEN2]



Full 18Gbps and HDR support ensures stability at the highest bandwidths. Install these DAs with confidence in your next bar, restaurant, digital signage, commercial, or residential install and see the difference.

18Gbps 2x8 DISTRIBUTION AMPLIFIER

[AC-DA28-AUHD]

KEY FEATURES

- HDMI 2.0
- 18Gbps 4K60 4:4:4 SUPPORT
- LAN CONTROL
- 2 SWITCHABLE OUTPUT ZONES
- ADVANCED EDID MANAGEMENT
- FULL HDR, HDR 10+, HLG, AND DOLBY VISION SUPPORT
- HDCP 2.2 AND ALL EARLIER VERSIONS SUPPORTED
- 4K→1080P AND 1080P→4K SCALERS ON EACH OUTPUT



The AC-DA28-AUHD is a LAN controlled, dual input, 8 output switchable distribution amplifier.

This unique product features two separate output zones and can handle 18Gbps video signals with HDR, HLG or Dolby Vision. The 8 output ports are broken into Zone A (outputs 1-4) and Zone B (outputs 5-8). Sending separate signals to the different zones allows clients to switch between the two inputs that are connected. This product can act as a 2x2 matrix switch and also features 4K→1080p and 1080p→4K scalers on every output.

18Gbps 2x10 HDBaseT DISTRIBUTION AMPLIFIER

[AC-DA210-HDBT]

KEY FEATURES

- HDMI 2.0
- 18Gbps UNCOMPRESSED BANDWIDTH SUPPORT ON HDMI
- 18Gbps WITH ICT ON HDBASET OUTPUTS
- FULL HDR, HDR 10+, HLG, AND DOLBY VISION SUPPORT
- HDCP 2.2 AND ALL EARLIER VERSIONS SUPPORTED
- 2 INPUT SWITCHING
- CASCADABLE & SWITCHABLE OVER MULTIPLE LAYERS



The AC-DA210-HDBT is designed for massive distributions over extreme distances. Using tried and true HDBaseT Technology, paired up with AVPro Edge's proprietary ICT compression, this distribution amplifier has simplified long-distance signal flow delivering 18Gbps 4K to each of the connected displays.

Simplicity and Plug & Play are focal points of this unit. With RS-232 and IR, you can manage your endpoints as well for things like **Power On** or **Power Off**. The unit has two switchable inputs making for more robust systems. Additionally, the dual HDMI inputs allow you to expand the switching virtually forever.

[AC-DA210-HDBT-KIT]

This kit includes the AC-DA210-HDBT and (8) AC-EX70-UHD-R receivers



18Gbps UP/DOWN SCALER, BOOSTER & EQUALIZER

[AC-SC1-AUHD]

KEY FEATURES

- HDMI 2.0
- HDCP 2.2 AND ALL EARLIER VERSIONS SUPPORTED
- 18Gbps 4K60 4:4:4 SUPPORT
- FULL HDR, HDR 10+, HLG, AND DOLBY VISION SUPPORT
- 4K→1080P DOWNSCALER, 1080P→4K UPSCALER
- PLUG & PLAY AUTO SCALING & EDID
- 16 EDID OPTIONS (INCLUDING AUTO & HDR EDID OPTIONS)
- CUSTOM USER EDID OPTION
- L/R AUDIO DE-EMBEDDING
- TEST PATTERN GENERATION



Enjoy the versatility of up/downscaling, image enhancement, audio access from the stream, and the ability to resolve EDID issues (including 4K, HDR EDIDs). The AC-SC1-AUHD also allows the distribution of HDR throughout a 10.2Gbps system utilizing ICT technology. This allows the delivery of HDR quality pictures throughout most existing infrastructures.

18Gbps UNIVERSAL SIGNAL MANAGER

[AC-SC2-AUHD-GEN2]

KEY FEATURES

- HDMI 2.0
- HDCP 2.2 AND ALL EARLIER VERSIONS SUPPORTED
- 18Gbps 4K60 4:4:4 SUPPORT
- FULL HDR, HDR 10+, HLG, AND DOLBY VISION SUPPORT
- PROGRESSIVE & INTERLACED SCALING
- FIXED OUTPUT OPTIONS 480P, 720P, 1080P & 4K
- PLUG & PLAY MATCH DISPLAY PREFERENCE MODE
- 16 EDID OPTIONS (INCLUDING AUTO & HDR EDID OPTIONS)
- EDID MANAGEMENT AND EDID EMULATE
- L/R AUDIO DE-EMBEDDING
- TEST PATTERN GENERATION



Able to handle a wide range of resolutions - from 480 all the way to 4K - this scaler was built to be the integrator's best friend. Beyond scaling, this product has full EDID management, audio extraction, and system troubleshooting features like built-in test pattern generation.

HDMI TO DISPLAYPORT CONVERTER

[AC-CONVERT-HDDP]

KEY FEATURES

- HDMI 2.0
- HDCP 2.2 AND ALL EARLIER VERSIONS SUPPORTED
- 18GBPS 4K60 4:4:4 SUPPORT
- PLUG & PLAY AUTO INSTALLATION
- SLEEK UNOBTRUSIVE CHASSIS
- COMPATIBLE WITH DISPLAYPORT DISPLAYS, PROJECTORS, AVR'S



The AC-CONVERT-HDDP is an HDMI to DisplayPort Converter that can take an 18Gbps 4K60 (4:4:4) signal and convert it to DisplayPort 1.2 while retaining the 18Gbps bandwidth. Also a member of our 18Gbps Distribution Amplifier family, it can take in a 4K HDMI signal and distribute that signal through both of its DisplayPort outputs at the same time. This distribution amplifier offers plug-n-play installation, which provides a hassle-free setup without installing any software or drivers.

FOX & HOUND TESTING AND TROUBLESHOOTING KIT

[MU-FXHD-KIT]

KEY FEATURES

- PERFECT FOR FIELD TESTING
- 18GBPS BANDWIDTH, 4K & HDR
- 18GBPS CABLE TESTING
- HDCP & EDID TESTING
- FULL HDR, HDR10+, AND HLG SUPPORT
- BATTERY POWERED
- MILITARY GRADE STABILITY



This 18Gbps generator and analyzer testing kit was built as the ideal testing unit for all custom and commercial integrators.

These tools confirm correct bandwidth, HDCP, resolution, timing, HDR metadata, and many more variables that can cause system hiccups if not treated correctly. The Fox & Hound Testing and Troubleshooting Kit is a product that can produce and analyze the newest and highest resolutions - 4K60 at 18Gbps. It's also affordable enough for every integrator to have on any install/service call!

18G_{BPS} 8 CHANNEL BIT STREAM AUDIO DOWN-MIXER

SUPPORTING DOLBY AUDIO™ & DTS-HD®

[AC-AVDM-AUHD]

KEY FEATURES

- 18G_{BPS} 4K60 4:4:4 SUPPORT
- DOWNMIX DOLBY ATMOS & DTS-X
- ANALOG, DIGITAL OR OPTICAL AUDIO OUTPUTS
- ARC SUPPORT
- DUAL MIRRORED HDMI OUTPUTS



The AC-AVDM-AUHD is a 4K UHD HDMI with Dolby Audio and DTS-HD stereo audio decoder that supports the transmission of high bandwidth, up to 18Gbps, video through HDMI. It allows the associated audio signal to be simultaneously extracted and split into both digital and analog audio outputs, providing high-quality audio and video performance.

This unit can decode standard Dolby Audio & DTS-HD formats up to 7.1 then output the audio as stereo (LPCM 2.0) over HDMI, S/PDIF (optical and coaxial) as well as analog RCA connections. The AC-AVDM-AUHD can also manage Dolby Atmos signals by extracting 7.1 channels from Atmos and downmixing that audio. It can support the pass-through of HD and standard bitstream formats as well as LPCM 7.1 with audio sampling rates up to 192 kHz if needed.



“ For the first time, integrators can send uncompressed 7.1ch audio to an AVR and simultaneously send stereo audio to a distributed audio system. ”

MATT MURRAY, CTO OF AVPRO GLOBAL HOLDINGS



UNIVERSAL DIGITAL/ANALOG AUDIO DECODER

[AC-ADM-COTO]

A Universal Digital/Analog Audio Converter with Dolby Audio™ & DTS® 2.0+, the output can convert optical, coaxial, and analog audio signals. With the ability to convert digital signals into analog and vice versa, this device supports the simultaneous conversion of audio formats. This device acts as a “catch-all” audio decoder, supporting ALL IN and ALL OUT.



DIGITAL TO ANALOG AUDIO CONVERTER

[AC-DAC-COTO]

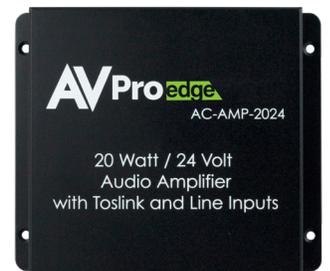
The Digital to Analog Audio Converter is an easy to use product that converts Coaxial or Optical audio signals into analog Stereo (L/R) audio. It can be switched easily between either Coaxial or Optical inputs. With its compact, elegant design and simple LED input status make it easier for users to connect up and use instantly.



DIGITAL/ANALOG STEREO AUDIO AMPLIFIER

[AC-AMP-2024]

This Digital/Analog Stereo Audio Amplifier is a compact, high performance, Class-D amplifier which features both digital and analog inputs. Volume and input selection can be controlled via front panel buttons or RS-232. This unit is designed for both the commercial and residential user who needs to output a high-quality source to local analog speakers.



DIGITAL AUDIO OVER SINGLE CAT EXTENDER

[AC-AUDEX-DIGI]

This Digital Audio Extender can send a digital audio signal up to 150 meters. This unit can switch between coaxial and optical digital signals and is powered by either USB or a power adaptor, giving the installer more flexibility. This is the ideal tool for extending digital audio from one location to another.



ConferX™

PROFESSIONAL AUDIO/VIDEO SOLUTIONS FROM AVPRO

CONFERENCE ROOM MATRIX SWITCHERS

[AC-CX42-AUHD, AC-CX62-AUHD]

KEY FEATURES

- HDMI 2.0
- HDCP 2.2 AND ALL EARLIER VERSIONS SUPPORTED
- 18GBPS 4K60 4:4:4 SUPPORT
- FULL HDR, HDR 10+, HLG, AND DOLBY VISION SUPPORT
- ADVANCED EDID MANAGEMENT
- AUDIO INPUT AND OUTPUT
- WEB BASED CONTROL GUI

Simple, intuitive, and automatic control makes these units the ideal “in-room” matrix switchers. The “Auto” option, which defaults to the last plugged-in device, and simple one-button control for each output makes presenting easier for teachers, professors, and business professionals. Each switch can display any of the four (CX42) or six (CX62) sources through both the HDBaseT and HDMI output port. Each output is independent, allowing two sources to be shown at the same time.

4x2 HDMI/HDBaseT MATRIX SWITCH [AC-CX42-AUHD]



6x2 HDMI/HDBaseT MATRIX SWITCH [AC-CX62-AUHD]



UNIVERSAL AMPLIFIER

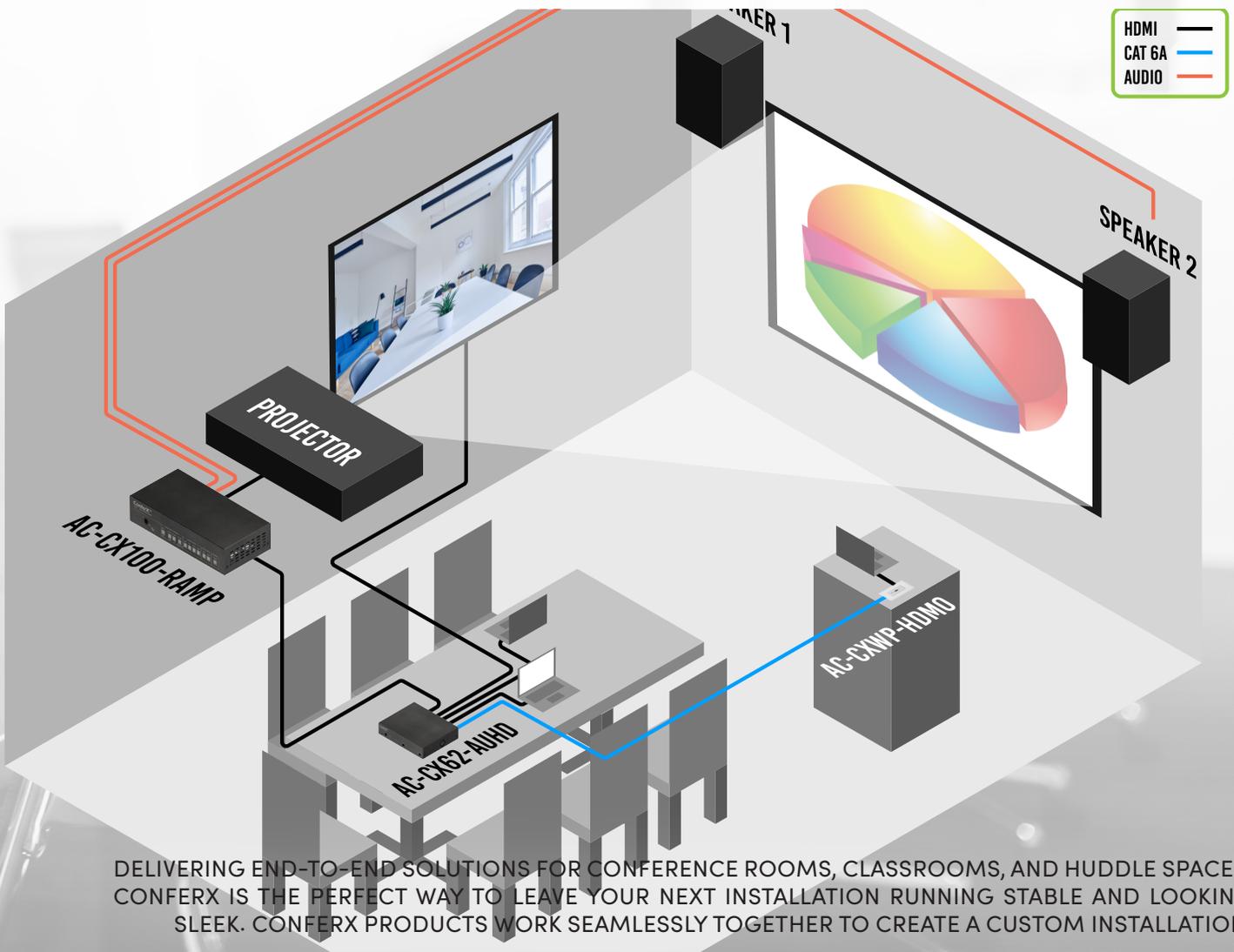
[AC-CX100-RAMP]

KEY FEATURES

- HDMI 2.0
- 4K 30 4:4:4, 4K60 4:2:0
- HDR 4:2:2 12 BIT SUPPORT
- HDCP 2.2 & EARLIER SUPPORTED
- 100M (330FT) ON 1080P, UP TO 70M (230FT) ON 4K (CAT6A)
- IP, IR, AND RS-232 CONTROL OPTIONS
- HDBASET, HDMI, SPDIF, 2 CHANNEL & MICROPHONE INPUTS
- 25 WATT PER CHANNEL
- EARC & ARC



This multi-purpose device serves several functions in today's classroom, conference room, and boardroom. It includes an IP controllable 2 channel 25W Amplifier with microphone, line, HDMI and HDBaseT inputs, and full 18Gbps throughput (100M HDBaseT 10.2 Gbps). Outputs are scalable from 2K to 4K and 4K to 2K, and there are additional audio outputs for recorders, additional amplifiers, audio matrices, or other devices.



DELIVERING END-TO-END SOLUTIONS FOR CONFERENCE ROOMS, CLASSROOMS, AND HUDDLE SPACES, CONFERX IS THE PERFECT WAY TO LEAVE YOUR NEXT INSTALLATION RUNNING STABLE AND LOOKING SLEEK. CONFERX PRODUCTS WORK SEAMLESSLY TOGETHER TO CREATE A CUSTOM INSTALLATION.

HDBaseT WALL PLATE TRANSMITTERS

[AC-CXWP-VGA-T, AC-CXWP-MDP-T, AC-CXWP-USBC-T, AC-CXWP-HDMO-T]

KEY FEATURES

- MULTI-FORMAT AUTO SENSING INPUTS
- HDCP 2.2 & EARLIER SUPPORTED
- SINGLE GANG, LOW HEAT, STRAIGHT IN REAR RJ45 RECEPTACLE DESIGN
- EDID MANAGEMENT

These single gang, multi-format HDBaseT wall plate transmitters are part of ConferX's line of professional audio video products. Installing these sleek transmitters are a breeze as they are built to fit in any standard single gang mud ring, but the minimal design is only the beginning. The entire ConferX line of products is built to military-grade standards to ensure stable connections for long periods of time. We are so sure about that, they come with our no-nonsense 10-year warranty.

VGA/HDMI WALL PLATE TRANSMITTER

[AC-CXWP-VGA-T]

TRANSMITTER ONLY



MINI DISPLAYPORT/HDMI WALL PLATE TRANSMITTER

[AC-CXWP-MDP-T]

TRANSMITTER ONLY



USB-C WALL PLATE TRANSMITTER

[AC-CXWP-USBC-T]

TRANSMITTER ONLY



HDMI WALL PLATE TRANSMITTER

[AC-CXWP-HDMO-T]

TRANSMITTER ONLY



COMPATIBLE RECEIVERS

100M HDBaseT RECEIVER

[AC-EX100-UHD-R3]

KEY FEATURES

- HDMI 2.0
- 4K60 4:2:0, 4K30 4:4:4, 3D SUPPORT
- HDR SUPPORT UP TO 4:2:2 12 BIT
- AUDIO EXTRACTION
- EDID MANAGEMENT



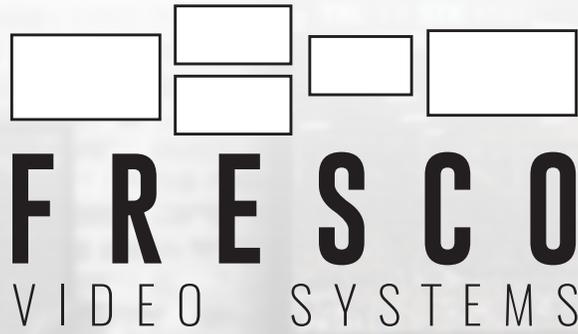
70M HDBaseT RECEIVER

[AC-CX70-UHD-R]

KEY FEATURES

- HDMI 2.0
- 4K60 4:2:0, 4K30 4:4:4
- HDR SUPPORT UP TO 4:2:2 12 BIT
- ULTRA SLIM (.47 INCH/12MM)
- INCLUDES POWER SUPPLY





FRESCO 2x2 4K VIDEO WALL PROCESSOR

[AC-FRESCO-CAP-4]

KEY FEATURES

- HDMI 2.0
- 18Gbps BANDWIDTH SUPPORT
- 4K60 4:4:4 SUPPORT
- HDCP 2.2 (AND ALL EARLIER VERSIONS SUPPORTED)
- 4K → 720, 720 → 4K SCALING
- INTERLACED TO PROGRESSIVE SCALING (INPUT 1080I, OUTPUT 4K60)
- FREE PC CONTROL AND SETUP SOFTWARE
- USB, RS-232 OR LAN CONTROL OPTIONS



The Fresco 4 from AVPro Edge provides the stable video wall solution every integrator has been looking for. Directly out of the box, you can connect a source and 4 displays for a plug-and-play video wall. The Fresco 4 can process 4K video throughout a video wall, delivering a dynamic effect no one will soon forget. It features robust scaling and is fully expandable. By installing the free, intuitive software and connecting the Fresco 4 to your PC, you can enter the bezel measurements and the software will layout your video wall perfectly, compensating for the bezel of every screen.

“The biggest challenge to setting up a Fresco Video Wall is hanging the physical panels!”

JOHN TUMBLESon, AVPRO APPLICATION ENGINEER



FRESCO 1x16 DISTRIBUTION AMPLIFIER

[AC-FRESCO-DA116]

KEY FEATURES

- HDMI 2.0
- 18Gbps BANDWIDTH SUPPORT
- 4K60 4:4:4 SUPPORT
- FULL HDR, HDR10+, HLG AND DOLBY VISION SUPPORT
- HDCP 2.2 (AND ALL EARLIER VERSIONS SUPPORTED)
- PERFECT FOR VIDEO WALLS
- ADVANCED EDID MANAGEMENT
- LOCKING POWER CONNECTOR
- ULTRA LOW-PROFILE DESIGN SLIM CHASSIS
- CASCADABLE



The Fresco large-scale distribution amplifier was engineered to repeat and amplify any HDMI signal you can throw at it. Built to handle full 4K60 (4:4:4) at 18Gbps, the AC-FRESCO-DA116 amplifies and stabilizes an HDMI signal throughout its 16 HDMI output ports. The slim design makes it easy to mount locally, away from a rack or media center, leaving your clients with a clean finish.

VIDEO FLUX PRESENTATION MATRIX/MULTI-VIEWER

[AC-MXMV122-UHD]

KEY FEATURES

- INSTANT SEAMLESS SWITCHING
- LIMITLESS CONFIGURATIONS
- MULTI-FORMAT (COMPONENT, VGA, COMPOSITE, HDMI)
- 4K MULTI-VIEW MODE



A 4x2 Matrix Multi-Viewer with 4K quad-view and fully customizable picture in picture.

The VideoFlux is an advanced HD/UHD multi-format matrix viewer, designed for handling and control of multiple video signals to be displayed in full-screen, dual-view, tri-view and quad-view on an HD or 4K UHD display. Common analog, digital video and audio inputs are supported as signal sources including AV (composite video), YPbPr (component), VGA, and HDMI.

Bullet Train

featuring  CLEERLINE SSF™

PREMIUM ACTIVE OPTICAL HDMI CABLES

KEY FEATURES

- 48GBPS, 120 FPS/HZ
- FRL, VRR, EARC
- 4K, 5K, 8K AND 10K
- ETHERNET
- 10 & 12-BIT
- CL2/3 RATED
- IN-WALL RATED
- ARC (AUDIO RETURN CHANNEL)
- LOW LATENCY
- HDCP 2.2
- HD RESOLUTIONS
- 3D SIGNALS
- VESA RESOLUTIONS
- HDR (HIGH DYNAMIC RANGE)
- DOLBY VISION®
- 7.1 AUDIO, DOLBY AUDIO™, DTS AUDIO®

All HDMI cables are not created equal. Bullet Train has developed HDMI cables built for mission-critical environments where stability is key. By delivering data over Cleerline SSF fiber optics alongside copper wire, Bullet Train AOC Cables deliver 48Gbps and a high frame rate signal with much lower latency – up to 20% less than a passive copper HDMI cable. These cables are ISF (Imaging Science Foundation) Certified, the name to trust in picture quality and calibration. Tried and tested, Bullet Train cables are highly engineered to be a long-lasting part of any audio/video system. ALL ABOARD.

PRODUCT NUMBER/LENGTH

AC-BTSSF-10KUHD-05 5 M (16.4 FT)
AC-BTSSF-10KUHD-10 10 M (32.8 FT)
AC-BTSSF-10KUHD-15 15 M (49.2 FT)
AC-BTSSF-10KUHD-20 20 M (65.6 FT)
AC-BTSSF-10KUHD-30 30 M (98.4 FT)
AC-BTSSF-10KUHD-40 40 M (131.2 FT)
AC-BTSSF-10KUHD-60 60 M (196.9 FT)
AC-BTSSF-10KUHD-80 80 M (262.5 FT)
AC-BTSSF-10KUHD-100 100 M (328.1 FT)



Bullet Train

ULTRA HIGH BANDWIDTH / ULTRA HIGH SPEED HDMI CABLES

SHORT HAUL PREMIUM HDMI CABLES

KEY FEATURES

- 18GBPS 4K60(4:4:4)
- ARC (AUDIO RETURN CHANNEL)
- LOW LATENCY
- HDMI 2.0
- HDCP 2.2
- HD RESOLUTIONS
- 3D SIGNALS
- VESA RESOLUTIONS
- HDR (HIGH DYNAMIC RANGE)
- DOLBY VISION
- 7.1 AUDIO, DOLBY AUDIO, DTS AUDIO

Your go-to HDMI cable is here! 18Gbps, HDR and Wide Color Gamut are no issue for Bullet Train Premium HDMI cables. Bullet Train allows installers to rest assured that these cables are highly engineered and tested to be a long lasting part of any infrastructure (they are CL3 rated for in wall installations).

When High Dynamic Range (HDR) and Wide Color Gamut (WGC) are required, these are the cables you NEED to be using. Bullet Train was made to provide clients with a reliable, affordable HDMI cable ready for powerful 4K installations. Ensure stable video and audio in new installs with Bullet Train HDMI and feel confident telling your clientele that they are using the best cables on the market.

PRODUCT NUMBER/LENGTH
AC-BTJUMP-AUHD .5 M (1.6 FT)
AC-BT01-AUHD 1 M (3.2 FT)
AC-BT02-AUHD 2 M (6.5 FT)
AC-BT03-AUHD 3 M (9.8 FT)
AC-BT04-AUHD 4 M (13.1 FT)
AC-BT05-AUHD-30G 5 M (16.4 FT)
AC-BT05-AUHD-26G 5 M (16.4 FT)
AC-BT08-AUHD 8 M (26.2 FT)
AC-BT10-AUHD 10 M (32.8 FT)
AC-BT15-AUHD 15 M (49.2 FT)



PRODUCT NUMBER	DESCRIPTION	PAGE
MURIDEO		
MU-GEN-SEVEN	SEVEN GENERATOR	4
MU-GEN-SIX-G-GEN2	SIX-G GENERATOR	5
MU-ANA-SIX-A-GEN2	SIX-A ANALYZER	5
MU-SIX-PAIR	SIX-G & SIX-A FIELD TEST SUITE (INCLUDES GENERATOR AND ANALYZER)	5
MU-FXHD-KIT	FOX & HOUND 18GBPS HDMI TESTING AND TROUBLESHOOTING KIT	25

PRODUCT NUMBER	DESCRIPTION	PAGE
EXTENDERS		
AC-EX0-UNC-KIT	UNCOMPRESSED HDMI EXTENDER VIA OPTICAL FIBER KIT (Tx & Rx)	8
AC-EX0-444-KIT	2KM/300M HDMI EXTENDER VIA OPTICAL FIBER KIT (Tx & Rx)	8
AC-EX40-444-PLUS-KIT	40M 18GBPS 4K60 (4:4:4) HDBASET EXTENDER KIT (Tx & Rx) WITH USB EXTENSION, ARC	9
AC-EX40-444-KIT	40M 18GBPS 4K60 (4:4:4) HDBASET EXTENDER KIT (Tx & Rx)	9
AC-EX70-444-KIT	70M 18GBPS 4K60 (4:4:4) HDBASET EXTENDER KIT (Tx & Rx)	9
AC-EX70-444-RNE	70M 18GBPS 4K60 (4:4:4) HDBASET EXTENDER FOR AC-MX44/88/1616-AUHD-HDBT	14
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AC-EX70-UHD-R	70M 10.2 GBPS HDBASET RECEIVER	--
AC-EX70-UHD-BKT	70M BASIC 10.2 GBPS HDBASET EXTENDER KIT	10
AC-EX150-HD-C9R	150M HDBASET RECEIVER FOR CLOUD 9 (AC-MX9XHDL-HDBT-GEN2)	21
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AC-MX1616-AUHD-HDBT	16x16 18GBPS HDMI/HDBASET MATRIX SWITCH	14
AC-MX1616-AUHD-HDBT-AVDM	18GBPS HDMI/HDBASET MATRIX SWITCH WITH BUILT IN 7.1 DOWN-MIXING	15
AC-MX9XHDL-HDBT-GEN2	CLOUD 9: 9xUNLIMITED HDBASET MATRIX/MULTIVIEWER WITH VIDEO WALL CAPABILITIES	20

DISTRIBUTION AMPLIFIERS		
AC-DA12-AUHD-GEN2	1x2 18GBPS DISTRIBUTION AMPLIFIER W/ AUDIO DE-EMBEDDING & DOWNSCALING	22
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AC-CX70-UHD-R	70M 10.2 G _{BPS} HDB _{ASET} RECEIVER WITH POWER SUPPLY	30
AC-CXWP-HDMO-T	10.2 G _{BPS} HDMI WALLPLATE TRANSMITTER	30
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48G_{BPS} 10K AOC BULLET TRAIN HDMI CABLES		
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The AVPro 'Edge'



THE SUPPORT EDGE

Our CTS Certified Tech Support team has a unique philosophy. Instead of providing support on our products only, we will stay with you until your entire installation is up and running, no matter the different brands or products.



THE DEVELOPMENT EDGE

AVPro Edge designs, engineers, and manufactures our products. Because of this, we are able to be first to market with the latest technologies. This also means that we have unique features not seen from other companies.



THE MANUFACTURING EDGE

AVPro owns its manufacturer in Shenzhen, China. This allows us to control the entire process down to component selection for circuit boards inside our products. The more of the process you control, the more the cost goes down and the quality goes up.



THE MURIDEO EDGE

Our roots are deep in picture quality and accuracy. We were able to take the engineering power behind our HDMI test generators and analyzers and apply it to connectivity to create products unlike any others.



THE DISTRIBUTION EDGE

AVPro products are available world-wide at the best prices through our network of fantastic distributors.



THE ISF EDGE

All AVPro sales and support team members are ISF Level III certified and we host ISF (Imaging Science Foundation) display calibration seminars around the world. That means we understand the science behind a great picture.



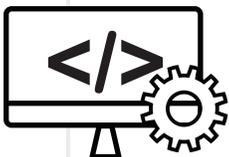
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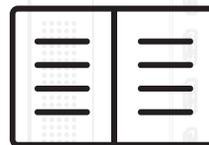
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