AVProedge

4K FULL 18GBPS 1X2 DISTRIBUTION AMPLIFIER
AC-DA12-AUHD-GEN2

HDR · **HDMI®** HIGH-DEFINITION MULTIMEDIA INTERFACE · **HDCP™** HIGH-BANDWIDTH DIGITAL CONTENT PROTECTION
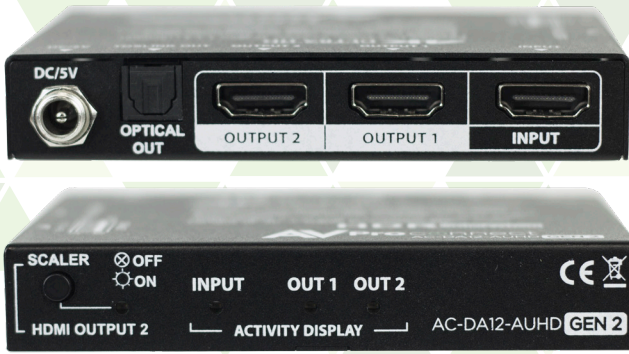
DOWNSCALING, AUDIO DE-EMBEDDING VIA TOSLINK, EDID MANAGEMENT, CASCADE-ABLE, STABLE DISTRIBUTION. A TRUE 18GBPS DISTRIBUTION AMPLIFIER, THE AC-DA12-AUHD-GEN2 IS IDEAL FOR ALL APPLICATIONS WHERE STABLE DISTRUBUTION IS KEY. FULL 18GBPS AND HDR SUPPORT ENSURE MILITARY-GRADE STABILITY EVEN AT THE HIGHEST BANDWIDTHS.

The AC-DA12-AUHD-GEN2 comes with a TOSLINK audio extraction port, as well as a downscaler on HDMI output 2 from 4K to 1080p, giving you the ability to work around products that are not able to handle a full bandwidth 4K signal, like AVRs. There is even a built in "cascade mode" that can be enabled for plug and play compatibility. With this distribution amplifier you are already prepared for all 4K formats and some future 8K formats. Use the AC-DA12-AUHD-GEN2 with confidence in your next bar, restaurant, digital signage, commercial or residential installation and see the difference.
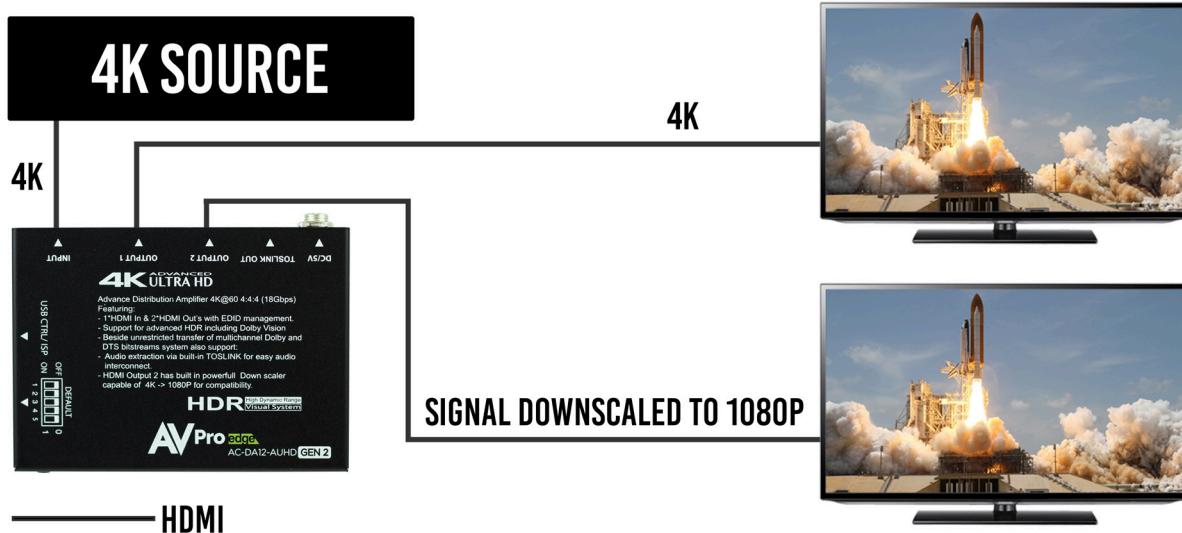
18GBPS 1X2 DISTRIBUTION AMPLIFIER CONNECTION DIAGRAM: AC-DA12-AUHD-GEN2

DC/5V OPTICAL OUT OUTPUT 2 OUTPUT 1 INPUT

SCALER ⊗ OFF ☼ ON INPUT OUT 1 OUT 2
HDMI OUTPUT 2 ⌐ ACTIVITY DISPLAY ⌐ AC-DA12-AUHD **GEN 2**

HDR
HDMI® HIGH-DEFINITION MULTIMEDIA INTERFACE
HDCP™ HIGH-BANDWIDTH DIGITAL CONTENT PROTECTION

IN THE BOX:

- AC-DA12-AUHD-GEN2
- 5V Locking Power Supply (100-240v Input)
- Mounting Ears
- Operating Instructions

KEY BENEFITS

18GBPS SUPPORT (4K60 4:4:4): These distribution amplifiers offer the highest available bandwidth to ensure maximum stability in distributed HDMI systems, even at higher resolutions.

CASCADING: The AC-DA12-AUHD-GEN2 was designed for cascading. You will not have any concerns cascading these units for several "hops". There is even a built-in "cascade mode" that can be enabled for plug and play compatibility.

DOWN-SCALING: Use this feature for down-scaling 4K HDR Content to 1080P for legacy displays/AVRs while leaving an un-scaled/uncompressed port for another display.

AUDIO EXTRACTION: Extract audio via Digital Toslink Out (7CH PCM, DD, DD+, DTS, DTS-MA). This allows you to send digital audio signals to a different location. Need to down-mix? Check out the AC-ADM-COTO or AC-ADM-AUHD

FULL HDR SUPPORT: One often overlooked feature is the ability to maintain the integrity of HDR. We are 100% compatible with HDR and will repeat the signal in its full integrity.

EDID MANAGEMENT: Advanced EDID management is on board so you can select from 16 different settings, including cascade mode, auto, and "from display". All of this enhances the ability to get the correct signal throughout the system and ensures communication with any third party device.

ULTRA LOW-PROFILE DESIGN: The minimalist design makes these devices even more versatile. Designed to fit in any nook or cranny, you don't need to worry about finding space for the distribution amplifier allowing you to focus on other elements of the job.

MATRIX SWITCH

4K

4K

DOWNSCALED TO A 1080P RESOLUTION, WHILE RETAINING HIGH QUALITY AUDIO

AVR

HDMI

FULL 18GBPS 1x2 DISTRIBUTION AMPLIFIER AVR BYPASS DIAGRAM:
AC-DA12-AUHD-GEN2