

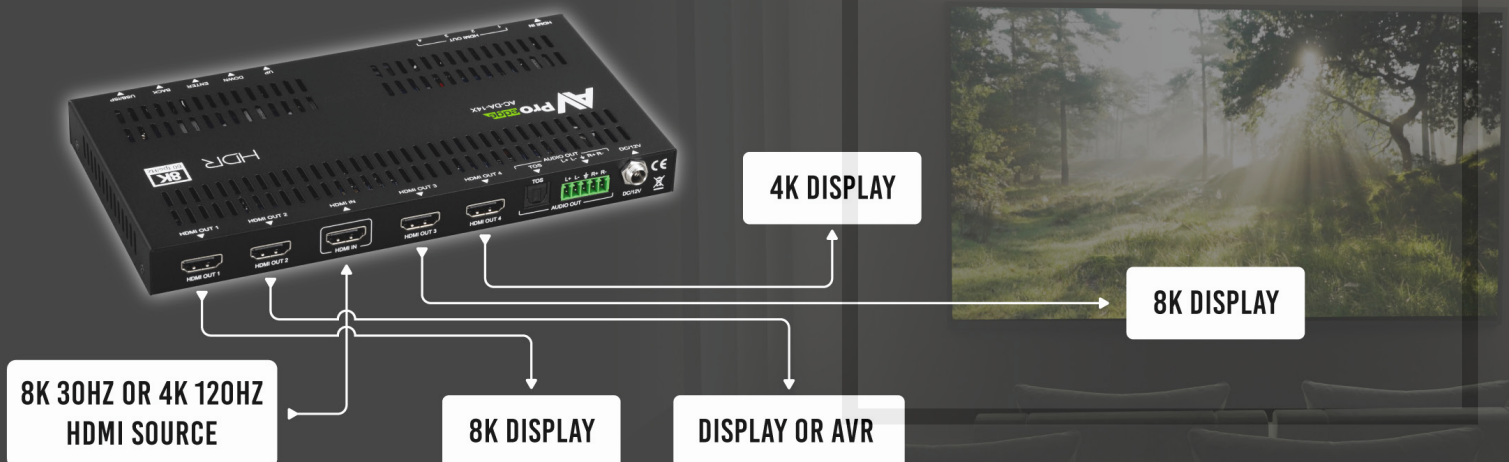


## 8K 1x4 Distribution Amplifier AC-DA-14X

The AC-DA-14X is an 8K HDMI distribution amplifier, scaler, and signal stabilizer. It connects one HDMI source and repeats that signal throughout the 4 HDMI output ports. Output ports two and four have built-in scalers allowing users to connect legacy TVs, projectors, or AVRs. This way, you can send 8K signals to the connected 8K displays and a 4K or 1080p signal to older models. Full HDMI 2.1, FRL 40Gbps, and HDR support ensure stable signaling even at the highest of bandwidths. Install the distribution amplifier with confidence in your next bar, restaurant, digital signage, commercial or residential install and see the difference.



## CONNECTION DIAGRAM



## PRODUCT SPECIFICATIONS

VIDEO:	
VIDEO RESOLUTIONS	UP TO 8K 60HZ 4:2:0/8K 30HZ 4:4:4/4K 120HZ
HDR FORMATS/RESOLUTIONS	420, 422, 444 (10 AND 12 DEEP COLOR) HDR10, HDR10+, DOLBY VISION, HLG
COLOR SPACE	YUV (COMPONENT), RGB (CSC: REC. 601, REC. 709, BT2020, DCI, P3 D6500)
CHROMA SUBSAMPLING	4:4:4, 4:2:2, 4:2:0 SUPPORTED
DEEP COLOR	UP TO 16 BIT
SCALING (RESOLUTION, OUTPUT 2 & 4 ONLY)	8K TO 4K OR 8K/4K TO 1080P
AUDIO:	
AUDIO FORMATS SUPPORTED HDMI	PCM 2.0 CH, LPCM 5.1 & 7.1, DOLBY DIGITAL, DTS 5.1, DOLBY DIGITAL PLUS, DOLBY TRUEHD, DTS-HD MASTER AUDIO, DTS-X, DOLBY ATMOS
AUDIO FORMATS SUPPORTED EXTRACTED (TOSLINK)	LPCM UP TO 5.1 96KHZ 24 BIT, DOLBY DIGITAL 5.1, DTS HIRES AUDIO
AUDIO FORMATS SUPPORTED EXTRACTED (2CH PORT)	PCM 2 CH
DISTANCE:	
HDMI IN/OUT (4K60 4:4:4)	UP TO 50 FEET (USING BULLET TRAIN HDMI)
HDMI IN/OUT (W/ AOC CABLE) (4K60 4:4:4)	UP TO 130 FEET (USING BULLET TRAIN AOC)
OTHER:	
BANDWIDTH	40 GBPS (FRL 5)
HDCP	HDCP 2.3 AND EARLIER
PORTS:	
HDMI	TYPE A
AUDIO (EXTRACTED DIGITAL)	TOSLINK
AUDIO (EXTRACTED ANALOG)	5 PIN TERMINAL BLOCK (BALANCED)
FIRMWARE	USB C
ENVIRONMENTAL:	
OPERATING TEMPERATURE	23 TO 125°F (-5 TO 51°C)
STORAGE TEMPERATURE	-4 TO 140°F (-20 TO 60°C)
HUMIDITY RANGE	5-90% RH (NO CONDENSATION)
POWER:	
POWER CONSUMPTION (TOTAL)	3 WATTS MAX
POWER SUPPLY	INPUT: AC 100-240V ~ 50/60HZ OUTPUT: DC 12V 2A
DIMENSIONS:	
DIMENSIONS (UNIT ONLY LENGTH/WIDTH/HEIGHT)	MM: 16.764 X 85.725 X 144.526 INCH: .66 X 3.375 X 5.69
DIMENSIONS (PACKAGED LENGTH/WIDTH/HEIGHT) (KIT)	MM: 76.2 X 180.975 X 304.8 INCH: 3 X 7.125 X 12
WEIGHT (UNIT)	0.57 LBS (0.26 KG)
WEIGHT (PACKAGED)	1.21 LBS (0.55 KG)
*SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE. MASS & DIMENSIONS ARE APPROXIMATE	

## KEY FEATURES

- 40Gbps Support (8K FRL5):** This Distribution Amplifier offers the high bandwidth to ensure maximum stability in distributed HDMI systems, even with the newest sources. You can comfortably use all of the latest 8K sources without worrying about headroom with the added bandwidth.
- 8K to 4K/1080p Down-Scaling:** Introducing an 8K display and gaming console is the norm to many of today's installations. With this product, you can do just that without having to upgrade your AVR. Scaling allows you to take 8K down to 4K or 1080p and 4K down to 1080p.
- 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 our AC-ADVM-AUHD
- Full HDR Support:** One often overlooked feature to include is the ability to maintain HDR integrity. We are 100% compatible with HDR, HDR 10+, HLG, Dolby Vision, and IMAX and will repeat the signal in its full integrity.
- EDID Management:** Advanced EDID management allows users to select from 16 different settings. This enhances your ability to get the right signal throughout the system and ensures communication with any 3rd party device.
- Ultra Low-Profile Design:** The minimalist design makes the device even more versatile. Designed to fit in any nook or cranny, you don't need to worry about finding space for the DA allowing you to focus on other elements of the job.

