

PROFESSIONAL AUDIO/VIDEO

SOLUTIONS BY AVPRO

# ConferX™

## BY AVPro edge

### AC-CX100-RAMP

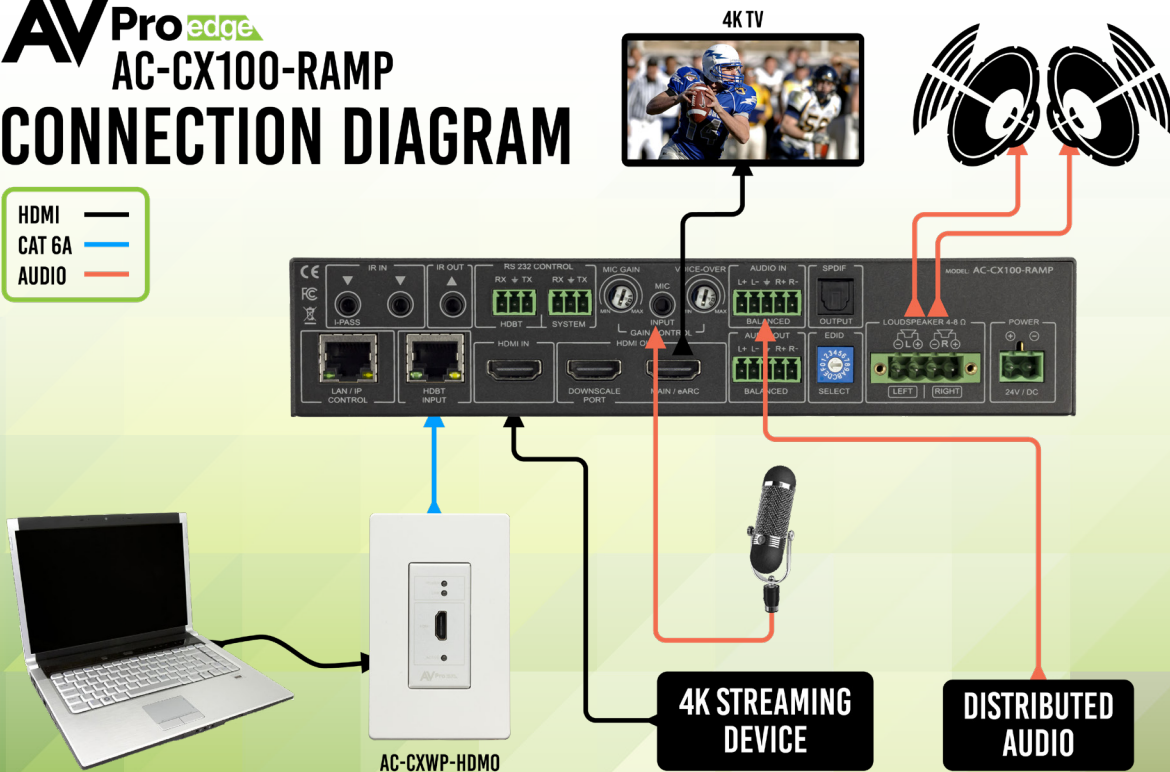
UNIVERSAL AMPLIFIER WITH HDMI, HDBaseT, MICROPHONE AND LINE-IN AUDIO INPUTS



This multi-purpose device serves several functions in today's classroom, conference room and boardroom and includes an IP controllable 2 channel 25W Amplifier with microphone, line, HDMI and HDBaseT inputs, 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. Full EDID management makes setup a breeze and the on-screen display (OSD) provides critical information for the system operator and installer. The AC-CX100-RAMP supports both ARC and eARC so all high bitrate audio codecs are supported. A built-in circuit for eARC automatically detects delay information from the display and corrects time delay up to 170 msec. All of these functions support collaboration for large and small groups! Welcome to ConferX, the professional choice for video distribution solutions.

### AVPro edge AC-CX100-RAMP CONNECTION DIAGRAM

- HDMI —
- CAT 6A —
- AUDIO —



<b>VIDEO:</b>	
VIDEO RESOLUTIONS	UP TO 4K 60HZ 4:2:0 & 4K30 4:4:4
VESA RESOLUTIONS	UP TO 2560X2048 (QSXGA)
HDR FORMATS/RESOLUTIONS	4K24 4:2:2 12 BIT, 4K24 4:2:0 10 BIT
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 (1080), UP TO 12 BIT (4K)
<b>AUDIO:</b>	
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)	PCM 2.0 CH, LPCM 6CH, LPCM 7CH, DOLBY DIGITAL, DOLBY DIGITAL PLUS, DTS MASTER AUDIO
AUDIO FORMATS SUPPORTED EXTRACTED (2CH)	PCM 2CH
<b>DISTANCE:</b>	
HDMI LEAD IN/OUT (4K60 4:4:4)	UP TO 50 FEET (USING BULLET TRAIN HDMI)
HDMI LEAD IN/OUT (W/ AOC CABLE) (4K60 4:4:4)	UP TO 2130 FEET (USING BULLET TRAIN AOC)
HDBaseT (CAT) DISTANCE 1080P	100M (330 FEET) (WITH CAT 6A/7)
HDBaseT (CAT) DISTANCE 4K & HDR	70M (230 FEET) (WITH CAT6A/7)
<b>OTHER:</b>	
BANDWIDTH (HDMI)	18 GBPS
BANDWIDTH (HDBT)	10.2 GBPS
CEC	YES
HDCP	HDCP 2.2 AND EARLIER
<b>PORTS:</b>	
HDMI (INPUT)	TYPE A
HDBASET (INPUT)	RJ45
AUDIO (EXTRACTED DIGITAL)	TOSLINK
AUDIO (EXTRACTED ANALOG)	BALANCED L/R AUDIO (5 PIN TERMINAL BLOCK)
IR	3.5MM IR IN/OUT AND IR WINDOW ON THE FRONT
RS232	3 PIN TERMINAL BLOCK
<b>CONTROL:</b>	
PORTS	LAN, RS232, IR WINDOW
LAN WEBOs	YES
<b>ENVIRONMENTAL:</b>	
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)
<b>POWER:</b>	
POWER CONSUMPTION (TOTAL)	60 WATTS MAX
POWER SUPPLY	INPUT: AC 100-240V ~ 50/60HZ OUTPUT: DC 24V 5A
<b>DIMENSIONS:</b>	
DIMENSIONS (UNIT ONLY HEIGHT/DEPTH/WIDTH)	MM: 44.5 X 104 X 220.7 INCH: 1.75 X 4.1 X 8.69
DIMENSIONS (KIT PACKAGED HEIGHT/DEPTH/WIDTH)	MM: 79.5 X 184.2 X 316 INCH: 3.13 X 7.25 X 12.44
WEIGHT (KIT PACKAGED)	3.4 LBS (1.54 KG)
*SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE. MASS & DIMENSIONS ARE APPROXIMATE	



# AC-CX100-RAMP

## UNIVERSAL AMPLIFIER WITH HDMI, HDBaseT, MICROPHONE & LINE-IN AUDIO INPUTS

**COMPATIBLE PRODUCTS**



AC-CXWP-MDP-T



AC-CXWP-HDMO-T



AC-CXWP-VGA-T



AC-EX100-UHD-T



AC-EX100TT-UHD-T