PROFESSIONAL AUDIO/VIDEO

SOLUTIONS BY AVPRO

ConferX™

BY AVPro edge

HDBT™ HDMI® HIGH-DEFINITION MULTIMEDIA INTERFACE

AC-CXMF62-AUHD

6 INPUT, 2 OUTPUT MULTI-FORMAT CLASSROOM/CONFERENCE ROOM MATRIX

VGA, HDBaseT, HDMI AND DISPLAYPORT INPUTS \ HDMI AND HDBaseT OUTPUTS

This multi-format video product from ConferX is a 6x2 matrix switcher with VGA, HDBaseT, HDMI, and DisplayPort video inputs and HDMI and HDBaseT outputs. Capable of handling 4K signals, this multi-format 6x2 is the perfect solution for the classroom, conference room, or huddle space. This 4K switcher can display any of the six sources through both the HDBaseT and HDMI output port. Each of these outputs are completely independent of each other allowing the user to show two sources at the same time. With additional audio inputs and outputs, working with a microphone or intercom system will not be a problem. When you need a stable solution for video distribution, look to the entire line of ConferX products. With an HDBaseT input, this switch works alongside any of the ConferX Wall Plate Transmitters. You can have USB-C, Mini DisplayPort, HDMI, or VGA inputs located up to 100 meters away from the AC-CXMF62-AUHD. This allows a teacher or presenter to use their laptop directly at the podium or presenters' station without having to connect anything to the matrix switcher. The AC-CXMF62-AUHD gives any end-user a simplified experience for sharing their ideas inside a classroom, conference room, or huddle space.

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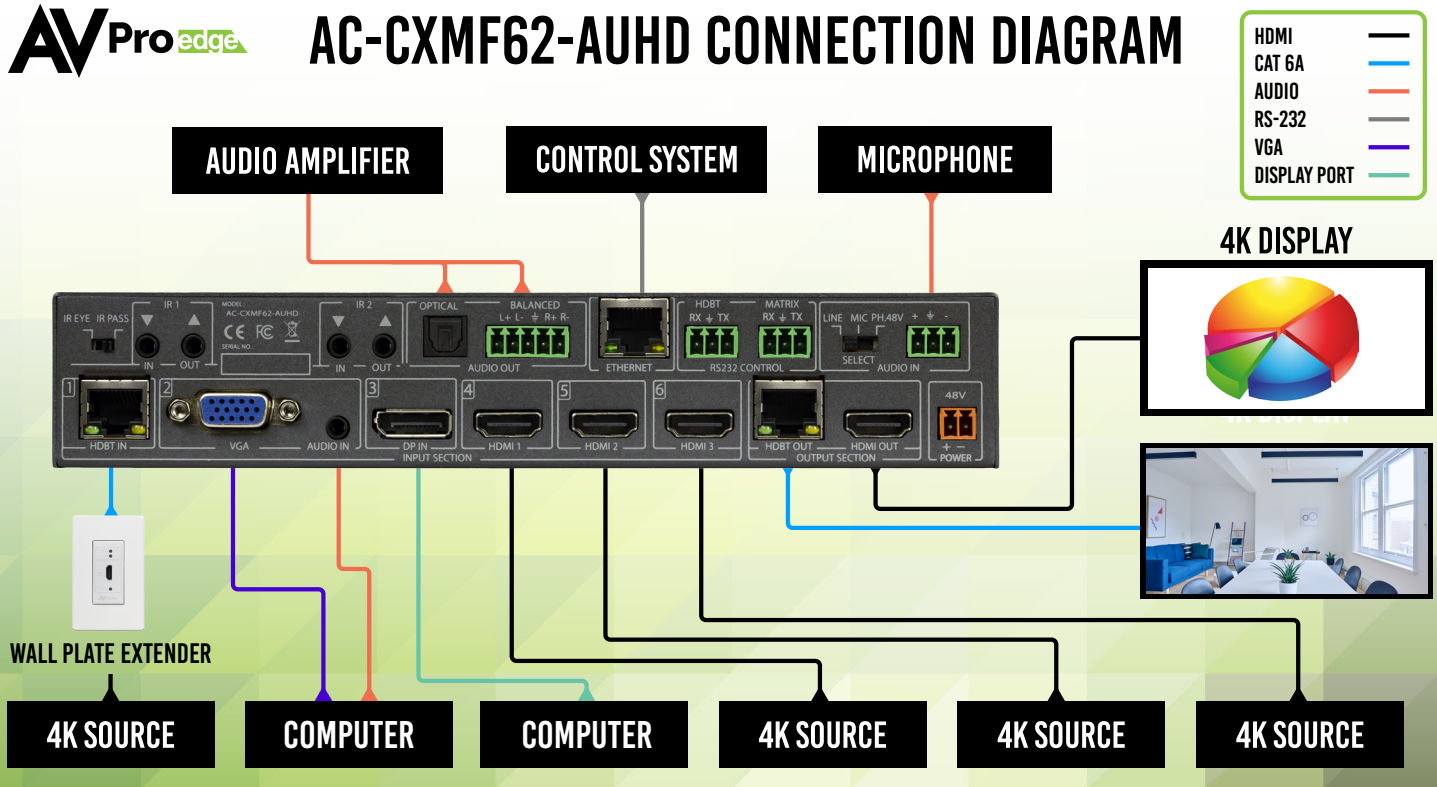
AC-CXMF62-AUHD CONNECTION DIAGRAM



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AC-CXMF62-AUHD PRODUCT SPECIFICATIONS

HDMI IN	
VIDEO RESOLUTIONS	UP TO 4K60 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 SUBSAMPELING	4:4:4, 4:2:2, 4:2:0 SUPPORTED
DEEP COLOR	UP TO 16 BIT (1080), UP TO 12 BIT (4K)
AUDIO	
AUDIO FORMATS SUPPORTED HDMI	PCM 2.0 CH, LPCM 5.1 & 7.1, DOLBY DIGTAL, 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 DIGTAL, DOLBY DIGITAL PLUS, DTS MASTER AUDIO
AUDIO FORMATS SUPPORTED EXTRACTED (2CH)	PCM 2CH
DISTANCE	
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) DISTANCE4K & HDR	70M (230 FEET) (WITH CAT6A/7)
OTHER	
BANDWIDTH (HDMI)	18 GBPS
BANDWIDTH (HDBT)	10.2 GBPS (18GBPS W/ICT AND AC-EX70-444-RNE)
HDCP	HDCP 2.2 AND EARLIER
PORTS	
HDMI (INPUT)	TYPE A
HDBaseT (INPUT)	RJ45
VGA INPUT	VGA
DISPLAY PORT INPUT	DISPLAY PORT
AUDIO (EXTRACTED DIGITAL)	TOSLINK
AUDIO (EXTRACTED ANALOG)	BALANCED L/R AUDIO (5 PIN TERMINAL BLOCK)
AUDIO INPUT	3 PIN TERMINAL BLOCK
IR	3.5MM IR IN/OUT AND IR WINDOW ON THE FRONT
RS232	3 PIN TERMINAL BLOCK
CONTROL	
PORTS	LAN, RS232, IR WINDOW
LAN WEBOS	YES
ENVIRONMENT	
OPERATING TEMPRATURE	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 (MAX)	24 WATTS MAX
POWER SUPPLY	INPUT: AC 100-240V ~ 50/60HZ OUTPUT: DC 48V 1A
DIMENSIONS	
DIMENSIONS (UNIT ONLY LENGTH/DEPTH/HEIGHT)	MM: 220.7 X 158.8 X 41.4 INCH: 8.69 X 6.25 X 1.63
DIMENSIONS (PACKAGED LENGTH/DEPTH/HEIGHT)	MM: 397 X 222 X 95.3 INCH: 15.63 X 8.75 X 3.75
WEIGHT (PACKAGED)	3.8 LBS (1.72 KG)

*SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE. MASS & DIMENSIONS ARE APPROXIMATE

PACKAGE CONTENTS:

COMPATIBLE TRANSMITTERS:

AC-CXWP-MDP-T

AC-CXWP-USBC-T

AC-CXWP-VGA-T

AC-CXWP-HDMO-T

COMPATIBLE RECEIVERS:

AC-EX100-UHD-R3

AC-CX100-RAMP

AC-EX70-444-RNE

AC-EX70-SC2-R