

User Manual AC-CX62-AUHD







Introduction

The ConferX 6x2 Matrix Switcher is the ideal solution for any conference room, classroom or huddle space. This 4K switcher is able to display any of the four sources through both the HDBaseT or HDMI output port. Each of these outputs are completely independent of each other allowing to show two sources at the same time. With additional audio inputs and outputs you will have not problems working with a microphone or intercom system. When you need a stable solution for video distribution, look to the entire line of ConferX products.

With two HDBaseT inputs this switch works alongside two ConferX Wall Plate Transmitters at the same time. You can have Mini DisplayPort, HDMI, VGA or USB-C inputs located up to 100 meters away from the AC-CX62-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-CX62-AUHD gives any end user a simplified experience for sharing their ideas inside a classroom, conference room or huddle space.

Simple, intuitive and automatic control makes this unit the ideal "leave in the room" matrix. The unit features an "Auto" option where the it defaults to the last plugged in device or simple one button control for each output. Prefer a control system? No problem, with a built-in web-based GUI and a full set of control commands you can make this switch work for you.

Features:

- HDMI 2.0(a/b)
- 18Gbps Bandwidth Support (HDMI and HDBaseT output)
 - Note: 18Gbps on HDBaseT requires AC-EX70-444-RNE Receiver with ICT
- 4K60 4:4:4 Support (HDMI and HDBaseT output)
- Full HDR Support (HDR 10 & 12 Bit)
- Dolby Vision, HDR10+ and HLG Support
- HDCP 2.2 (and all earlier versions supported)
- Advanced EDID Management
- Audio input and output
- Web based control GUI
- Works with 3rd party control (Control4, Crestron, Savant, etc)

Compatible AVProEdge HDBaseT products

HDBaseT Input/Transmitters

- AC-CXWP-HDMO-T
- AC-CXWP-MDP-T
- AC-CXWP-VGA-T
- AC-CXWP-USBC-T

HDBaseT Output/Receivers

- AC-EX70-UHD-R
- AC-EX100-UHD-R3
- AC-EX70-444-RNE
- AC-EX70-SC2-R

In The Box:

- AC-CX62-AUHD Matrix Switch
- IR Remote Control
- 48V/0.5A Power Supply
- 5 pin/3 pinTerminal Connectors
- Mounting Hardware





VIDEO:	
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 CRACE	YUV (COMPONENT), RGB
COLOR SPACE	(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)
AUDIO:	
	PCM 2.0 CH, LPCM 5.1 & 7.1, DOLBY DIGITAL, DTS 5.1, DOLBY
AUDIO FORMATS SUPPORTED HDMI	DIGITAL PLUS, DOLBY TRUEHD, DTS-HD MASTER AUDIO, DTS-X,
	DOLBY ATMOS
AUDIO FORMATS SUPPORTED EXTRACTED (TOSLINK)	PCM 2.0 CH, LPCM 6 CH, LPCM 7 CH, DOLBY DIGITAL, DOLBY
AUDIO EODMATS SUDDODTED EVTDASTED (2011 DODT)	DIGITAL PLUS, DTS- MASTER AUDIO
AUDIO FORMATS SUPPORTED EXTRACTED (2CH PORT) AUDIO EXTRACTION LOCATION	PCM 2 CH (NO DOWNMIX) BIND TO INPUT, BIND TO OUTPUT OR MATRIX (INDEPENDENT)
AUDIO DELAY (PER OUTPUT, EXTRACTED)	UP TO 630MS
DISTANCE:	0F 10 030M3
AC-CXWP-HDMO-T (10.2 GBPS)	100 METERS 1080P, 70 METERS 4K@10.2 GBPS (CAT 6A)
AC-CXWP-MDP-T (10.2 GBPS)	100 METERS 10001; 70 METERS 4K@ 10.2 GBPS (CAT GA)
AC-CXWP-VGA-T (10.2 GBPS)	100 METERS 10001; 70 METERS 4K@ 10.2 0013 (CAT 6A)
AC-EX100-UHD-T (10.2 GBPS)	100 METERS 1080P, 70 METERS 4K@10.2 GBPS (CAT 6A)
AC-EX100TT-UHD (10.2 GBPS)	100 METERS 1080P, 70 METERS 4K@10.2 GBPS (CAT 6A)
AC-CX100-RAMP (18 GBPS)	100 METERS 1080P, 70 METERS 4K@18 GBPS (CAT 6A)
AC-EX70-444-RNE (18 GBPS)	100 METERS 1080P, 70 METERS 4K@18 GBPS (CAT GA)
AC-EX100-UHD-R3 (10.2 GBPS)	100 METERS 1080P, 70 METERS 4K@18 GBPS (CAT 6A)
AC-CX70-UHD-R (10.2 GBPS)	70 METERS 1080P, 40 METERS 4K@10.2 GBPS (CAT 6A)
AC-EX70-SC2-R (18 GBPS)	100 METERS 1080P, 70 METERS 4K@18 GBPS (CAT 6A)
OTHER:	
BANDWIDTH HDMI	18 GBPS UNCOMPRESSED
BANDWIDTH HDBASET	(SEE OPTIONS UNDER DISTANCE DIRECTLY ABOVE)
HDCP	HDCP 2.2 AND EARLIER
POH FOR RECEIVERS (NO NEED TO POWER RECEIVERS)	YES, ALL OUTPUTS
CONTROL:	
PORTS	LAN, RS232, IR, MICRO USB
LAN WEB OS	YES
PORTS:	
HDMI	TYPE A
LAN	RJ45 W/ WEB INTERFACE/ CONTROL
AUDIO (EXTRACTED DIGITAL)	TOSLINK
AUDIO (EXTRACTED ANALOG) IR RX	5 PIN TERMINAL BLOCK (BALANCED)
RS232	3.5MM STEREO (3-CONDUCTOR) 3 PIN TERMINAL BLOCK
RSZSZ ENVIRONMENTAL:	O I III (ERPIIMAE DECOR
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)	12 WATTS MAX
	INPUT: AC 100-240V ~ 50/60HZ
POWER SUPPLY	OUTPUT: DC 48V 0.5A
DIMENSIONS:	
DIMENSIONS (IINIT ONLY LENGTH /DEDTH /HEIGHT)	MM: 220.7 X 158.8 X 41.4
DIMENSIONS (UNIT ONLY LENGTH/DEPTH/HEIGHT)	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 (UNIT)	2.4 LBS (1.09 KG)
WEIGHT (PACKAGED)	3.8 LBS (1.72 KG)
*SPECIFICATIONS SUBJECT TO CHANGE WITHOU	T NOTICE. MASS & DIMENSIONS ARE APPROXIMATE

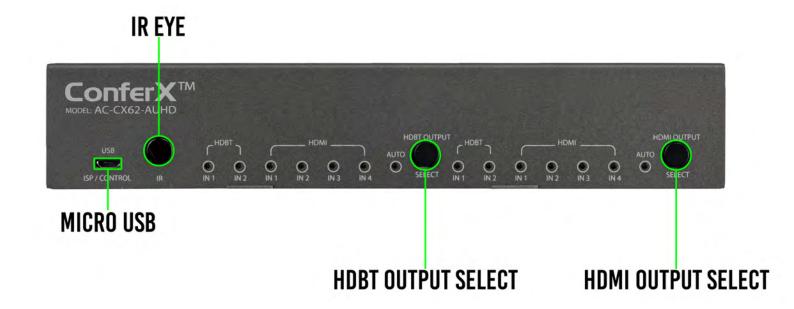


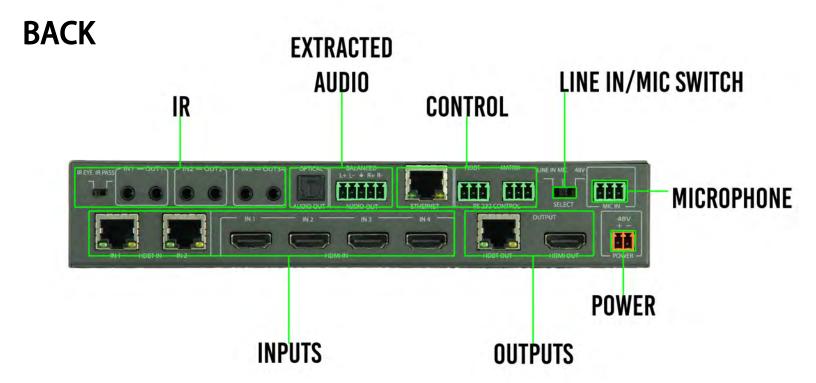
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Device Overview

FRONT







Basic Installation:

The unit has an Auto-Config on boot up and reception of new sources and displays to maximize plug and play installation:

- 1. Plug in the display(s) or sink devices
- 2. Plug in the sources
- 3. Plug in the power supply to the AC-CX62-AUHD
- 4. Power on the Sources and Display(s)

This will ensure proper EDID application across the device.

Basic Control Using Front Panel:

Switching:

The AC-CX62-AUHD can be switched from the front panel by pressing the corresponding OUTPUT SELECT button:

- 1. **Press the HDBT OUTPUT SELECT button** to cycle through the four Inputs
- 2. Press the HDMI OUTPUT SELECT button to cycle through the four Inputs
- 3. Press and hold the desired OUTPUT SELECT button (HDBT or HDMI) for 3 seconds to Enable/Disable AUTO SWITCH MODE (all INPUT LEDs will flash)
 - a. AUTO SWITCH Enabled AUTO LED ON
 - b. AUTO SWITCH Disabled AUTO LED OFF



HDBT OUTPUT SELECT

HDMI OUTPUT SELECT

Auto-Switching Logic

When the AC-CX62-AUHD is in "Auto" mode the logic is to switch to the most recently plugged in device based on a Hot Plug Event. You can have either the HDMI, HDBaseT, or both be set to "Auto" mode.

AC-CX62-AUHD

RS232 Configuration:

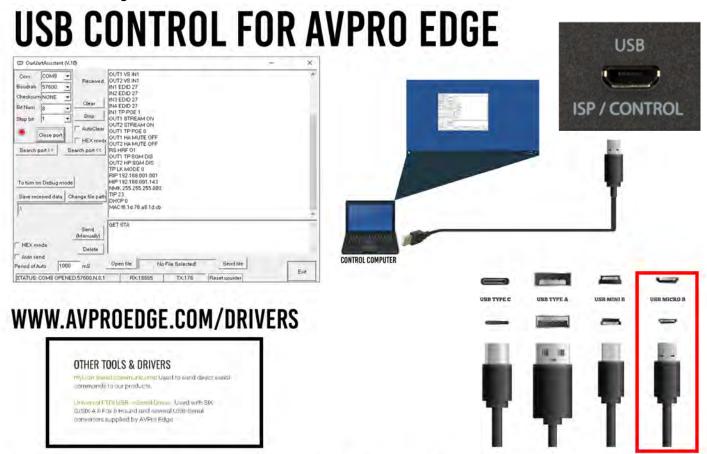
The AC-CX62-AUHD two distinct RS232 Ports:

- HDBT This is for transmitting RS232 signals from the Matrix to the remote HDBaseT Receiver
- 2. MATRIX This is for sending signals to the AC-CX62-AUHD Matrix for controlling the device. An example is shown on the next page. The complete command list is on page after that.

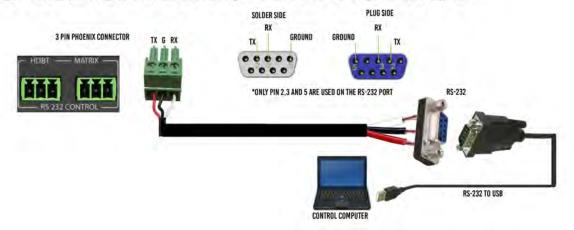
HDBT — MATRIX — RS 232 CONTROL

ISP / CONTROL

This ConferX switch can also be controlled using a computer and a micro USB cable, using the Micro USB Port on the front of the device.



RS-232 CABLE FOR AVPRO EDGE





RS-232 and TCP/IP Commands:

The Matrix can be controlled with either RS-232 or TCP/IP commands. Certain switching or format configurations can only be done using these commands. We recommend using either the MyUART (RS-232 - free) or Hercules (TCP/IP - free) apps as they are very easy to use for sending commands to the machine.

For TCP/IP control commands use Telnet Port 23.

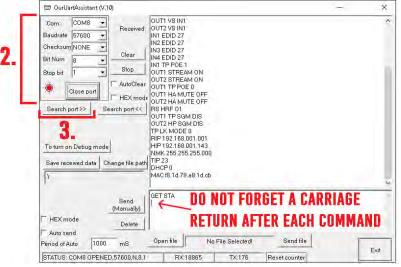
For RS-232, use a null modem serial cable adapter and set the serial communications to:

57600,n,8,1 (baud: 57600, no parity, 8 data bits and 1 stop bit) with no handshaking.

Please add a return (Enter key) after each command when using direct commands. The unified command list (ASCII) is listed on the next page.

Command Example: DHCP and setting the IP Address

- 1. Connect your computer to one of the control ports (Micro USB/3pin Terminal)
- 2. Open up MyUart and verify the correct settings
 - a. Baudrate: 57600, no parity, 8 data bits and 1 stop bit) with no handshaking.
- 3. On MyUart click Search Port>> (you will see a red indicator once connected)
 - a. You can verify the COM port by using Windows Device Manger. Both USB and 3pin connections should show up as a COM#.
- 4. Send "GET DHCP" with a carriage return (no " " and hit Enter/Return on keyboard).
 - a. Default is OFF so the return message should be "DHCP 0" (0=Off, 1=On)
- 5. Send "SET DHCP 1", the return message should read "DHCP 1"
 - a. This will also return the current IP Settings. If there is no connection it will reply with the Default Settings.
- 6. You can now connect to the WebUI by typing in the HIP address into a web browser. There you can alter the IP address of the Matrix to one of your choosing.
- 7. You can also set the address of the matrix by sending the following command
 - a. "SET HIP xxx.xxx.xxx.xxx" (SET HIP 192.168.1.143)
- 8. Once configured it is recommended to turn DHCP back off so the settings are set to Static and will not change (this can also be done from the WebUI).
 - a. "SET DHCP 0"
- 9. You can verify the settings by getting the status of the matrix
 - a. "GET STA"

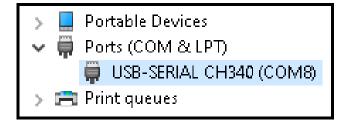








DHCP 0 DHCP 1 HIP 192.168.001.239 RIP 192.168.001.001 NMK 255.255.255.000





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= SET OUT1 TP POE y : Set Output1 POE Mode{y=[0~1](0=Auto,1=Force)} = SET OUTX HA MUTE ON/OFF : Set HDMI Output x Audio Mute ON/OFF(x=[0~2](0=ALL)) = SET OUT1 TP SGM EN/DIS : Set HDBT Output Signal Generator Enable/Disable = SET OUT2 HP SGM EN/DIS : Set HDMI Output Signal Generator Enable/Disable = GET OUTx VS : Get Output x Video Route{x=[0~2](0=ALL)}				
= SET OUTX HA MUTE ON/OFF : Set HDMI Output x Audio Mute ON/OFF{x=[0~2](0=ALL)} = SET OUT1 TP SGM EN/DIS : Set HDBT Output Signal Generator Enable/Disable = SET OUT2 HP SGM EN/DIS : Set HDMI Output Signal Generator Enable/Disable = GET OUTX VS : Get Output x Video Route{x=[0~2](0=ALL)}	=			
= SET OUT1 TP SGM EN/DIS : Set HDBT Output Signal Generator Enable/Disable = SET OUT2 HP SGM EN/DIS : Set HDMI Output Signal Generator Enable/Disable = GET OUTx VS : Get Output x Video Route{x=[0~2](0=ALL)}	=			
= SET OUT2 HP SGM EN/DIS : Set HDMI Output Signal Generator Enable/Disable = GET OUTx VS : Get Output x Video Route{x=[0~2](0=ALL)}	=			
= SET OUT2 HP SGM EN/DIS : Set HDMI Output Signal Generator Enable/Disable = GET OUTx VS : Get Output x Video Route{x=[0~2](0=ALL)}	=			
= GET OUTx VS : Get Output x Video Route{x=[0~2](0=ALL)}	=			
	=			
I - TACL VILLE VILLEV : GET OUTDUCT VIDEO MODE				
	=			
= GET EXA BTV OUT : Get Ex-Audio Output bind to Which Output	=			
= GET SWITCH MODE : Get Switch Mode	=			
= GET OUTx EXA : Get Ex-Audio Output Enable/Disable Status{x=[0](0=ALL)}	=			
= GET OUT1 EXA MIC : Get EX-Audio Route to Microphone Input Enable/Disable Status	=			
= GET OUTX EDID DATA : Get Output x EDID DATA{x=[1~2]}	=			
= GET OUTX STREAM : Get Output x Stream ON/OFF Status{x=[0~2](0=ALL)}	=			
= GET OUT1 TP POE : Get Output1 POE Mode	=			
= GET OUTx HA MUTE : Get HDMI Output x Audio Mute Status{x=[0~2](0=ALL)}	=			
= GET OUT1 TP SGM : Get HDBT Output Signal Generator Enable/Disable Status	=			
= GET OUT2 HP SGM : Get HDMI Output Signal Generator Enable/Disable Status	=			
- del out and the delegate status	=			
Input Setup Commands:	=			
= SET INX EDID y : Set Input x EDID $\{x=[0\sim6](0=ALL), y=[0\sim32]\}$	=			
	080P_8CH =			
	OP_3D_8CH =			
	Hz_3D_8CH =			
= 9:4K60Hz(Y420)_3D_2CH(PCM) 10:4K60Hz(Y420)_3D_6CH 11:4K60Hz	(Y420)_3D_8CH =			
)HZ_3D_8CH =			
)P_8CH_HDR =			
	_3D_8CH_HDR =			
	z_3D_6CH_HDR =			
	120)_3D_8CH_HDR =			
= 27:4K60Hz_3D_2CH(PCM)_HDR 28:4K60Hz_3D_6CH_HDR 29:4K60Hz	z_3D_8CH_HDR =			
	SER3 EDID =			
= SET INX EDID CY OUTY : Copy Output y EDID To Input x(USER1 BUF){x=[0~6](0=ALL), y				
, , , , , , , , , , , , , , , , , , , ,	27 - 27			
= SET IN1 TP POE y : Set IN1 POE Mode{y=[0~1](0=Auto,1=Force)}	=			
= GET INX EDID	=			
= GET INX EDID y DATA : Get Input x EDID y Data $\{x=[1\sim4],y=[0\sim32]\}$	=			
= GET IN1 TP POE : Get IN1 POE Mode	=			
=	=			
= Auto mode:	=			
: Set HDMI1/HDMI2 Output Enter Auto Mode Control Enable/Disab	ale.			
I = SEI HDX AUTO EN/DIS				
{x=0(nDiMIT&nDiMI2 Output),x=1(nDiMI1 Output),x=2(nDiMI2 O	/utput/}			
= GET HDx AUTO : Get HDMI1/HDMI2 Output Auto Mode Control Status	=			
=	=			
Network Setup Command: : (xxx=[000-255], zzzz=[0001~9999]				
= SET RIP xxx.xxx.xxx : Set Route IP Address to xxx.xxx.xxx	=			
= SET HIP xxx.xxx.xxx : Set Host IP Address to xxx.xxx.xxx	=			
= SET NMK xxx.xxx.xxx : Set Net Mask to xxx.xxx.xxx	=			
	=			
,				
	: Set DHCP ${y=[0\sim1](0=Dis,1=Enable)}$			
= GET RIP : Get Route IP Address	=			
= GET HIP : Get Host IP Address	=			
= GET NMK : Get Net Mask	=			
= GET TIP : Get TCP/IP Port	=			
= GET DHCP : Get DHCP Status	=			
= GET MAC : Get MAC Address	=			
= BS222 Pouts Solus Command:	=			
= RS232 Route Setup Command:	=			
$= SET RS HRF Ix/Ox : Set HDBT RS232 RX From Input or Output Port x{x=[1](I=Input, Input, I$	O=Output)} =			
$= SET RS PTH OUTx LENy BRz : Set RS232 Pass Through to Ouput x \\ \{x=[1],y=[1\sim100],z=[0\sim5](0=9600,1=14400,2=19200,3=38400,4=1400,2=19200,3=38400,4=1400,2=19200,3=38400,4=1400,2=19200,3=38400,4=1400,2=19200,3=38400,4=1400,2=19200,3=38400,4=1400,2=19200,3=38400,4=1400,2=19200,3=38400,4=1400,2=19200,3=38400,4=1400,2=19200,3=38400,4=1400,2=19200,3=38400,4=1400,2=19200,3=38400,4=1400,2=19200,3=38400,4=1400,2=19200,3=3800,4=1400,2=14000,2=14000,2=14000,2=14000,2=14000,2=14000,2=14000,2=14000,2=140000,2=140000,2=140000,2=140000,2=1400000,2=14000000,2=140000000000$				
SET RS PTH INX LENy BRZ SET RS PTH INX LENy BRZ Set RS232 Pass Through to Input x $\{x=[1],y=[1\sim100],z=[0\sim5](0=9600,1=14400,2=19200,3=38400,4=11,0=11,0=11,0=11,0=11,0=11,0=11,0$	==57600.5=115200)}			
ET RS HRF : Get HDBT RS232 RX From Port State =				
= GET RS HRF : Get HDBT RS232 RX From Port State				
=	=			
= IR Code Setup Command:	: Set IR Custom Code{xx=[00-FFH],yy=[00-FFH]}			
= IR Code Setup Command: = SET IR SYS xx.yy : Set IR Custom Code{xx=[00-FFH],yy=[00-FFH]}	: Set IR Data Code $\{x=[1\sim2],y=[1\sim4],zz=[00-FFH]\}$			
= IR Code Setup Command: = SET IR SYS xx.yy : Set IR Custom Code{xx=[00-FFH],yy=[00-FFH]}	=			
=	=			
= IR Code Setup Command: = SET IR SYS xx.yy : Set IR Custom Code{xx=[00-FFH],yy=[00-FFH]}	=			

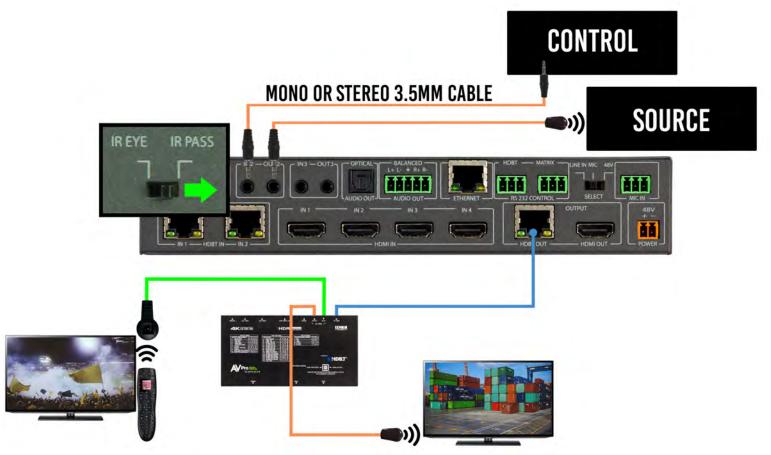


IR Configuration

IR Mode Slide Switch: (On Back) This is used to select a preferred IR Mode - There are two modes:

- IR-EYE The IR Input will be configured to operate with an IR Receiver Eye.
- IR PASS The IR Input will be configured to safely operate with a direct connection from a control system using a mono or stereo 3.5mm cable. It's protected @ 3v-20v. Default mode is IR-EYE.





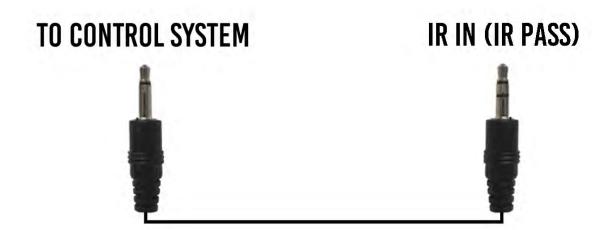


IR Configuration Cont.

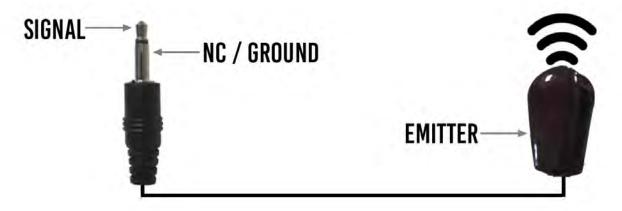
IR OUT - The IR OUT port is send IR signals out of an IR Emitter (Pictured below) that originate at the HDBaseT Receiver OR HDBaseT Transmitter

IR Sensor:





IR Emitter:





Audio Output Logic and Cable Prep:

You can extract audio from toslink or balance 2CH Audio. Audio outputs are an un-decoded output. This means that what goes in, is what goes out.

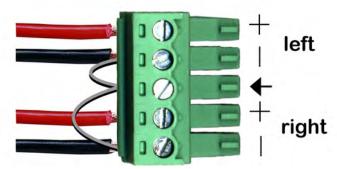
2CH Balanced Audio Port - Supports 2CH PCM audio only, which is ideal for 2 Channel systems and zoned audio systems.

Toslink Audio Port - Supports PCM, LPCM (up to 7CH), Dolby Digital, Dolby Digital Plus, DTS, DTS-HD, DTS Master Audio, which is ideal for multi-channel audio systems and older AVR's that do not support 18Gbps.

Need to down-mix for combination, uncompressed and 2CH systems? Check out the AC-ADM-AUHD and AC-ADM-COTO.

You can use balanced analog outputs in a balanced system, but you can also prep a cable as shown below to convert to a traditional 2CH unbalanced (L/R) system.

You can also purchase pre-made cables (AC-CABLE-5PIN-2CH)

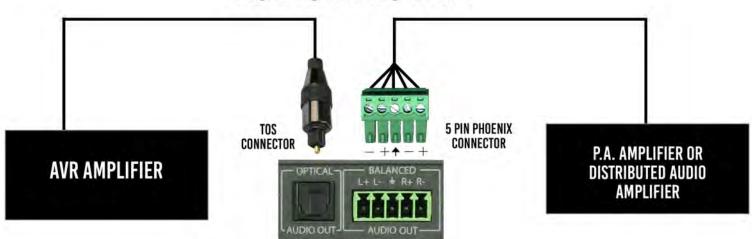






Audio Wiring Diagram:

AUDIO DIAGRAM

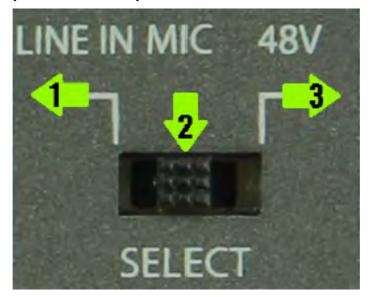


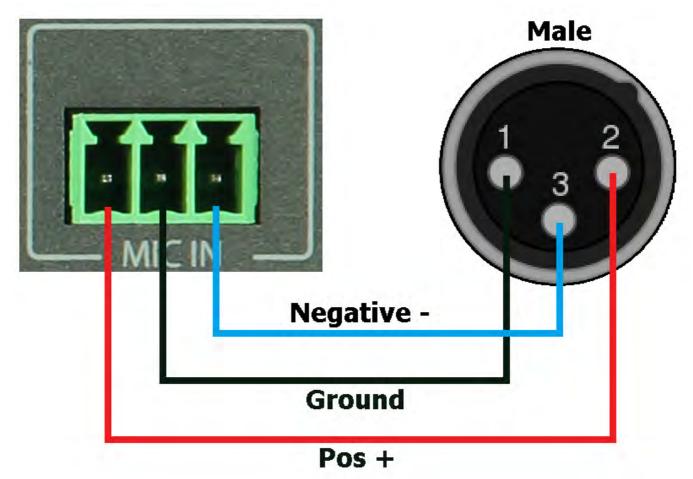


Microphone In and Cable Prep:

The Microphone/Line InputThere are 3 settings for the Microphone Input, they are

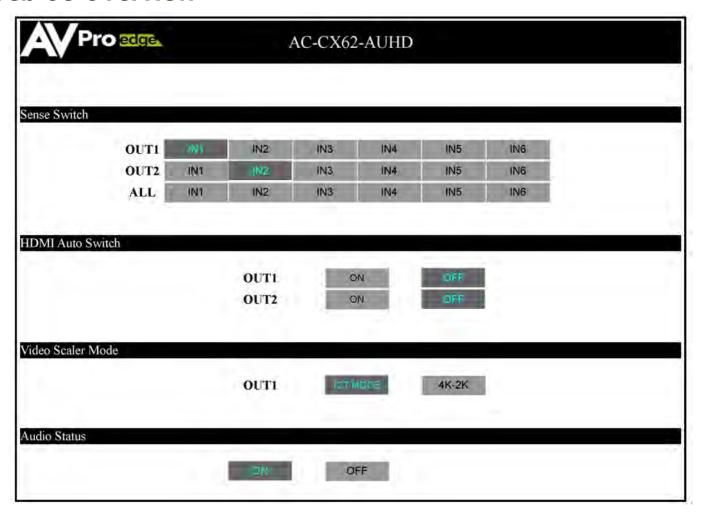
- 1. LINE IN Select this if input will be standard L/R audio.
- 2. MIC Select this for non-powered or Dynamic microphones.
- 3. 48V This if for Microphones that require Phantom Power.







Web OS Overview



Sense Switch

Use this to switch between inputs and outputs from the web interface.

HDMI Auto Switch

Use this to turn HDMI Auto Sense Switching ON/OFF per output.

Video Scaler Mode

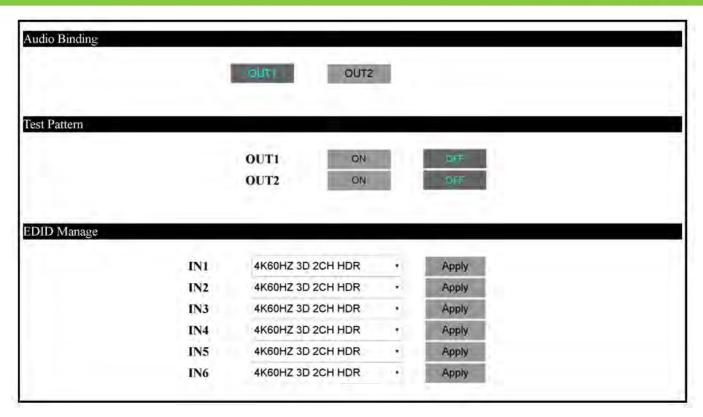
With the video scaler mode, you can scale the HDBaseT output (OUT1)

- o **4K-2K** If incoming signal is 4K, it will be downscaled to 1080P or 1900x1200 depending on the input format.
- o ICT MODE = ICT Mode (Enables ICT (18G) Compression mode on HDBT Port) DEFAULT.

Audio Status

Use this to turn the extracted audio ports ON/OFF.





Audio Binding

Use this to select what Output the Audio Follows.

Test Pattern

Use this to turn the built in Test Pattern Generator ON/OFF for each output.

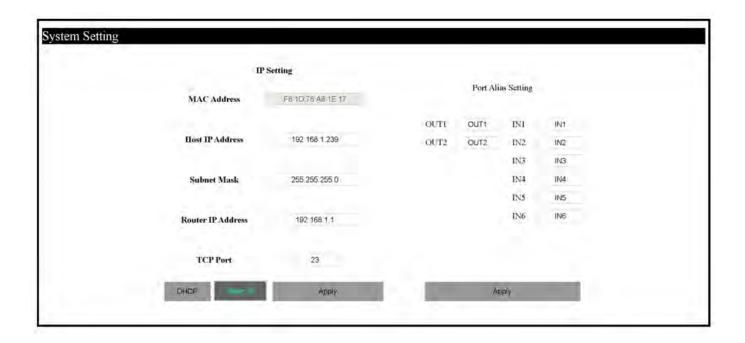
EDID Manage

Use this to select the EDID for each INPUT (default is 1080p 2ch)

o Select from the Drop-down list, then click "Apply".

1080P_2CH(PCM)	4K60HZ_3D_2CH	4K60Hz(Y420)_3D_2CH(PCM)_HDR
1080P_6CH	4K60HZ_3D_6CH	4K60Hz(Y420)_3D_6CH_HDR
1080P_8CH	4K60HZ_3D_8CH	4K60Hz(Y420)_3D_8CH_HDR
1080P_3D_2CH(PCM)	1080P_2CH(PCM)_HDR	4K60Hz_3D_2CH(PCM)_HDR
1080P_3D_6CH	1080P_6CH_HDR	4K60Hz_3D_6CH_HDR
1080P_3D_8CH	1080P_8CH_HDR	4K60Hz_3D_8CH_HDR
4k30Hz_3D_2CH(PCM)	1080P_3D_2CH(PCM)_HDR	USER1_EDID
4k30Hz_3D_6CH	1080P_3D_6CH_HDR	USER2_EDID
4k30Hz_3D_8CH	1080P_3D_8CH_HDR	USER3_EDID
4K60Hz(Y420)_3D_2CH(PCM)	4K30Hz_3D_2CH(PCM)_HDR	Copy From OUT1
4K60Hz(Y420)_3D_6CH	4K30Hz_3D_6CH_HDR	Copy From OUT2
4K60Hz(Y420)_3D_8CH	4K30Hz_3D_6CH_HDR	





System Setting

IP Settings - Default is "Static IP" with the following

Host IP Address 192.168.1.239
 Subnet Mask 255.255.255.0
 Router IP Address 192.168.1.1

• **TCP Port** 23

Port Alias Setting

Here you can re-label the individual Input/Outputs

Note - There is a 7 Character limit

Re-label, then click "Apply"



Maintenance

To ensure reliable operation of this product as well as protecting the safety of any person using or handling this device while powered, please observe the following instructions.

- Use the power supplies provided. If an alternate supply is required, check voltage, polarity and that it has sufficient power to supply the device it is connected to.
- Do not operate these products outside the specified temperature and humidity range given in the above specifications.
- Ensure there is adequate ventilation to allow this product to operate efficiently.
- Repair of the equipment should only be carried out by qualified professionals as these products contain sensitive components that may be damaged by any mistreatment.
- Only use this product in a dry environment. Do not allow any liquids or harmful chemicals to come into contact with these products.
- Clean this unit with a soft, dry cloth. Never use alcohol, paint thinner or benzene to clean this unit.

Damage Requiring Service

- The DC power supply cord or AC adaptor has been damaged
- Objects or liquids have gotten into the unit
- The unit has been exposed to rain
- The unit does not operate normally or exhibits a marked change in performance
- The unit has been dropped or the housing damaged



Support

Should you experience any problems while using this product, first, refer to the Troubleshooting section of this manual before contacting Technical Support. When calling, the following information should be provided:

- Product name and model number
- Product serial number
- Details of the issue and any conditions under which the issue is occurring

Warranty

If your product does not work properly because of a defect in materials or workmanship, AVProEdge (referred to as "the warrantor") will, for the length of the period indicated as below, (Parts/Labor (10) Years), which starts with the date of original purchase ("Limited Warranty period"), at its option either (a) repair your product with new or refurbished parts, or (b) replace it with a new or a refurbished product. The decision to repair or replace will be made by the warrantor. During the "Labor" Limited Warranty period there will be no charge for labor. During the "Parts" warranty period, there will be no charge for parts. You must mail-in your product during the warranty period. This Limited Warranty is extended only to the original purchaser and only covers product purchased as new. A purchase receipt or other proof of original purchase date is required for Limited Warranty service.

This warranty extends to products purchased directly from AVPro or an authorized dealer. AVPro is not liable to honor this warranty if the product has been used in any application other than that for which it was intended, has been subjected to misuse, accidental damage, modification or improper installation procedures, unauthorized repairs or is outside of the warranty period. Please direct any questions or issues you may have to your local dealer before contacting AVPro.



Troubleshooting

- Verify Power The HDBT and HDMI INPUT Select blue LEDs on the front will always be on when powered.
- Verify Connections Check that all cables are properly connected
- Issues with one INPUT/OUTPUT Swap ports/cables/etc to help narrow down if the issue stays with the input/output/etc
 - O Follows the device, then it may be an EDID issue. Default out of the box is a 1080p 2ch. Try another canned EDID or use the COPY FROM OUTx command to copy the connected displays EDID Pg.8 and 14
- Issues with 4k but 1080p or less is working
 - Verify all connected devices are capable of the signal you are sending

TYPE	RESOLUTION	FRAME RATE (FPS)	COLOUR COMPRESSION	DEEP COLOUR BIT DEPTH	HDR	WIDE COLOR Gamut (BT2020)	HDMI Version	DATA RATE	AUHO SERJES	444 Series	UHO SERIES
HD	1920x1080	24	4:2:2	8 BIT	NO	NO	1.4	0.75 GBPS	YES	YES	YES
HD	1920×1080	60	4:2:2	8 BIT	NO	NO	1.4	4.45 GBPS	YES	YES	YES
HD	1920x1080	60	4:4:4	16 BIT	NO	NO	1.4	5.91 GBPS	YES	YES	YES
UHD	3840x2160	24	4:2:0	8 BIT	NO	NO	1.4	8.91 GBPS	YES	YES	YES
UHD	3840x2160	24	4:4:4	8 BIT	NO	NO	1.4	8.91 GBPS	YES	YES	YES
4K	4096x2160	24	4:4:4	8 BIT	NO	NO	1.4	8.91 Gaps	YES	YES	YES
UHD OR 4K	3840x2160	60	4:2:0	8 BIT	NO	NO	1.4/2.0	8.91 GBPS	YES	YES	YES
				LINE O	F INNO	VATION					
UHD OR 4K	3840x2160	24	4:2:0	10 BIT	YES	YES	2.0(A/B)	8.91 GBPS	YES	YES	YES
UHD OR 4K	3840x2160	24	4:2:2	12 BIT	YES	YES	2.0(A/B)	11.14 GBPS	YES	YES	NO
UHD OR 4K	3840x2160	24	4:4:4	10 BIT	YES	YES	2.0(A/B)	11.14 GBPS	YES	YES	NO
UHD OR 4K	3840x2160	24	4:4:4	12 BIT	YES	YES	2.0(A/B)	13.37 GBPS	YES	YES	NO
UHD OR 4K	3840x2160	60	4:2:0	10 BIT	YES	YES	2.0(A/B)	11.14 GBPS	YES	YES	NO
UHD OR 4K	3840x2160	60	4:2:0	12 BIT	YES	YES	2.0(A/B)	13.37 GBPS	YES	YES	NO
UHD OR 4K	3840x2160	60	4:2:2	12 BIT	YES	YES	2.0(A/B)	17.82 GBPS	YES	YES	NO
UHD OR 4K	3840x2160	60	4:4:4	8 BIT	YES	YES	2.0(A/B)	17.82 GBPS	YES	YES	NO



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AC-CX62-AUHD



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Thank you for choosing AVProEdge!

Please contact us with any questions. We are happy to be of service!











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