

UserManual AC-CX42-AUHD





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Introduction

The ConferX 4x2 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 no 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-CX42-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-CX42-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)
- 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-CX42-AUHD Matrix Switch
- IR Remote Control
- 48V/0.5A Power Supply
- 5 pin/3 pinTerminal Connectors
- Mounting Hardware





VIDEO.	IIP TO AK FOH7 4-2-0 & AK30 A-4-A
	UP TO 2560X2048 (05X64)
	AK24 A-2-2 12 BIT AK24 A-2-0 10 BIT
	YIIV (COMPONENT) RGR
COLOR SPACE	(CSC: REC. 601 REC. 709 RT2020 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:	
	PCM 2.0 CH. LPCM 5.1 & 7.1. DOLBY DIGTAL. DTS 5.1. DOLBY
AUDIO FORMATS SUPPORTED HDMI	DIGITAL PLUS, DOLBY TRUEHD, DTS-HD MASTER AUDIO, DTS-X,
	DOLBY ATMOS
	PCM 2.0 CH, LPCM 6 CH, LPCM 7 CH, DOLBY DIGITAL, DOLBY DIGITAL
AUDIU FURMATS SUFFURIED EXTRACTED (TUSLINK)	PLUS, DTS- MASTER AUDIO
AUDIO FORMATS SUPPORTED EXTRACTED (2CH PORT)	PCM 2 CH (NO DOWNMIX)
AUDIO EXTRACTION LOCATION	BIND TO INPUT, BIND TO OUTPUT OR MATRIX (INDEPENDENT)
AUDIO DELAY (PER OUTPUT, EXTRACTED)	UP TO 630MS
DISTANCE:	
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 1080P, 70 METERS 4K@10.2 GBPS (CAT 6A)
AC-CXWP-VGA-T (10.2 GBPS)	100 METERS 1080P, 70 METERS 4K@10.2 GBPS (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-EX/0-444-RNE (18 GBPS)	100 METERS 1080P, 70 METERS 4K@18 GBPS (CAT 6A)
AU-EXTUU-UHD-R3 (TU.2 GBPS)	100 METERS 1080P, 70 METERS 4K@18 GBPS (CAT GA)
AU-UX/U-UHU-R (10.2 UBPS)	/U METERS 1080P, 40 METERS 4K@10.2 GBPS (CAT GA)
AU-EX/U-SUZ-R (18 UBPS)	IUU METERS IU8UP, /U METERS 4K@18 GBPS (CAT 6A)
	HDCP 2 2 AND FARI IFR
POH FOR RECEIVERS (NO NEED TO POWER RECEIVERS)	
CONTROL:	
PORTS	LAN, RS232, IR, MICRO USB
PORTS LAN WEBOS	LAN, RS232, IR, MICRO USB YES
PORTS LAN WEBOS PORTS:	LAN, RS232, IR, MICRO USB Yes
PORTS LAN WEBOS PORTS: HDMI	LAN, RS232, IR, MICRO USB YES Type A
PORTS LAN WEBOS PORTS: HDMI LAN	LAN, RS232, IR, MICRO USB YES Type A RJ45 W/ WEB INTERFACE/ CONTROL
PORTS LAN WEBOS PORTS: HDMI LAN AUDIO (EXTRACTED DIGITAL)	LAN, RS232, IR, MICRO USB YES Type A RJ45 W/ Web Interface/ control Toslink
PORTS LAN WEBOS PORTS: HDMI LAN AUDIO (EXTRACTED DIGITAL) AUDIO (EXTRACTED ANALOG)	LAN, RS232, IR, MICRO USB YES Type A RJ45 W/ Web Interface/ control Toslink 5 Pin Terminal Block (balanced)
PORTS LAN WEBOS PORTS: HDMI LAN AUDIO (EXTRACTED DIGITAL) AUDIO (EXTRACTED ANALOG) IR RX	LAN, RS232, IR, MICRO USB YES TYPE A RJ45 W/ WEB INTERFACE/ CONTROL TOSLINK 5 PIN TERMINAL BLOCK (BALANCED) 3.5MM STEREO (3-CONDUCTOR)
PORTS LAN WEBOS PORTS: HDMI LAN AUDIO (EXTRACTED DIGITAL) AUDIO (EXTRACTED ANALOG) IR RX RS232	LAN, RS232, IR, MICRO USB YES TYPE A RJ45 W/ WEB INTERFACE/ CONTROL TOSLINK 5 PIN TERMINAL BLOCK (BALANCED) 3.5MM STEREO (3-CONDUCTOR) 3 PIN TERMINAL BLOCK
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Device Overview







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-CX42-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-CX42-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



Auto-Switching Logic

When the AC-CX42-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.

RS232 Configuration:

The AC-CX42-AUHD two distinct RS232 Ports:

- 1. 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-CX42-AUHD Matrix for controlling the device. An example is shown on the next page. The complete command list is on page after that.

ISP / CONTROL

Com

Bit Num

Stop bit

HEXIN

Auto send

eriod of Auto

.

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.





USB

CONTROL

ISP /





OTHER TOOLS & DRIVERS

al communic omer Used to send direct sendicommande to our producte.

and CTN MSR -Same Linear Used with SK S/SDCA & Fox & Hound and several USB-Serial converters supplied by AVPro Edge



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" (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

















Command	Action							
STA	: Show Global System Status							
SET RBT	: System Reset to Reboot							
SET RST	Reset to Factory Defaults							
SET ADDR xx	: Set System Address to xx {xx=[00-99](00=Single)}							
GET ADDR	: Get System Address							
GET STA	: Get System System Status							
GET INX SIG STA	: Get Input x Signal Status{x=[0~4](0=ALL)}							
Output Setup Commands								
SET OUTX VS INY	: Set Output x To Input y{x=[0~2](0=ALL),	y=[1~4]}						
	: Set Output1 VIDEO Mode {y=[2,5](2=4K-:	>2K,5=ICI Mode)}						
	: Set Ex-Auto Output bind to Outputs{x=[]	.~2]} e Switch{x=[0_11]}						
SET OUTY EXA EN/DIS	: Set Ex-Audio Output Enable/Disable{x=[0	~1](0=4)}						
SET OUTX EXAUD LEVY	: Set Output x Ex-Audio(Balanced) Volume L	evelv{x=[0~1](0=ALL),v=[0~20]}						
SET OUT1 EXA MIC EN/DIS	: Set EX-Audio Route to Microphone Input E	nable/Disable						
SET OUTX STREAM ON/OFF	Set Output x Stream ON/OFF{x=[0~2](0=	ALL)}						
SET OUT1 TP POE y	: Set Output1 POE Mode{y=[0~1](0=Auto,1	=Force)}						
SET OUT _X 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	.)}						
GET OUT1 VIDEO	: Get Output1 Video Mode							
GET EXA BTV OUT	: Get Ex-Audio Output bind to Which Output							
	: Get Switch Mode	- (
	: Get Output x Ex-Audio (Briansod) Volume 1	evel{x=[0~1](0=ALL)}						
GET OUT1 EXA MIC	: Get EX-Audio Route to Microphone Toput F	nable/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 Ouput1 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						
Input Setup Commands								
SET INx EDID y	: Set Input x EDID{x=[0~4](0=ALL), y=[0~	32]}						
0:1080P_2CH(PCM)	1:1080P_6CH	2:1080P_8CH						
3:1080P_3D_2CH(PCM)	4:1080P_3D_6CH	5:1080P_3D_8CH						
6:4k30Hz_3D_2CH(PCM)	7:4k30Hz_3D_6CH	8:4k30Hz_3D_8CH						
9:4K60HZ(1420)_3D_2CH(PCM)	10:4K60HZ(1420)_3D_6CH	11:4K60HZ(1420)_3D_8CH						
15:1080P 2CH(PCM) HDR	16:1080P 6CH HDR	17:1080P 8CH HDR						
18:1080P 3D 2CH(PCM) HDR	19:1080P 3D 6CH HDR	20:1080P 3D 8CH HDR						
21:4K30Hz 3D 2CH(PCM) HDR	22:4K30Hz 3D 6CH HDR	23:4K30Hz 3D 6CH HDR						
24:4K60Hz(Y420)_3D_2CH(PCM)_HDR	25:4K60Hz(Y420)_3D_6CH_HDR	26:4K60Hz(Y420)_3D_8CH_HDR						
27:4K60Hz_3D_2CH(PCM)_HDR	28:4K60Hz_3D_6CH_HDR	29:4K60Hz_3D_8CH_HDR						
30:USER1_EDID	31:USER2_EDID	32:USER3_EDID						
SET INX EDID CY OUTy	: Copy Output y EDID To Input x(USER1 BUI	;){x=[0~4](0=ALL), y=[1~2]}						
SET INx EDID Uy DATAz	: Write EDID To User y Buffer of Input x{x:	=[0~4](0=ALL), y=[1~3],z=[EDID Data]}						
SET IN1 TP POE y	: Set IN1 POE Mode{y=[0~1](0=Auto,1=Fo	rce)}						
GET INX EDID	: Get Input x EDID Index{x=[0~4](0=ALL)	}						
GET INX EDID Y DATA	: Get Input x EDID y Data{x=[1~4],y=[0~3	2]}						
GET IN1 TP POE	: Get IN1 POE Mode							
SET HDx AUTO EN/DIS	: Set HDMI1/HDMI2 Output Enter Auto Mod {x=0(HDMI1&HDMI2 Output),x=1(HDMI1 (e Control Enable/Disable Dutput),x=2(HDM12 Output)}						
GET HDx AUTO	: Get HDMI1/HDMI2 Output Auto Mode Con	trol Status						
Network Setup Command	(xxx=[000-255], zzzz=[0001~9999]							
SET RIP xxx.xxx.xxx	:Set Route IP Address to xxx.xxx.xxx.xxx							
SET HIP xxx.xxx.xxx	: Set Host IP Address to xxx.xxx.xxx.xxx							
SET NMK xxx.xxx.xxx	: Set Net Mask to xxx.xxx.xxx.xxx							
SET TIP zzzz	: Set TCP/IP Port to zzzz							
SET DHCP y	: Set DHCP {y=[0~1](0=Dis,1=Enable)}							
GET RIP	: Get Route IP Address							
	; Get Host IP Address							
	, Get Net Mask							
GET DHCP	: Get DHCP Status							
GET MAC	: Get MAC Address							
RS232 Route Setup Command								
SET RS HRF Ix/Ox	: Set HDBT RS232 RX From Input or Output	Port x{x=[1](I=Input,O=Output)}						
SET RS PTH OUTx LENy BRz	: Set RS232 Pass Through to Ouput x {x=[1],y=[1~100],z=[0~5](0=9600,1=144	00,2=19200,3=38400,4=57600,5=115200)						
SET RS PTH INx LENy BRz	: Set RS232 Pass Through to Input x {x=[1],y=[1~100],z=[0~5](0=9600.1=144	00,2=19200,3=38400.4=57600.5=1152000						
GET RS HRF	: Get HDBT RS232 RX From Port State							
IR Code Setup Command								
SET IR SYS xx.yy	: Set IR Custom Code{xx=[00-FFH],yy=[00-	FFH]}						
SET IR OUTX INY CODE zz	: Set IR Data Code{x=[1~2],y=[1~4],zz=[0	0-FFH]}						
GET IR SYS	: Get IR Custom Code							

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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 two IR OUT ports send IR signals out of an IR Emitter (Pictured below) that originate at the HDBaseT Receiver OR HDBaseT Transmitter





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)



*NOTE: Make sure ground is always connected





- 1. LINE IN Balance Mono Analog Audio Input (use + and Ground \perp)
 - a. VPP should be less than 2 Volts
- 2. MIC Select this for non-powered or Dynamic microphones.
- 3. 48V This if for Microphones that require Phantom Power (Condenser Microphones)







Web OS Overview

AV Pro ece	AC-CX42-AUHD					
ense Switch						
	OUT1	iN1	IN2	IN3	IN4	
	OUT2	IN1	INE	IN3	IN4	
	ALL	IN1	IN2	IN3	IN4	
/ideo Scaler Mode		OUT1 OUT2	40	1).	OFF	
i. Com	0	OUTI	ICT M	ane	4K-2K	
Audio Status	1.1	DH	OF	F		

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)

- **4K-2K** If incoming signal is 4K, it will be downscaled to 1080P or 1900x1200 depending on the input format.
- 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					-
	OUTI	QUT2			
Tast Pattern					<u> </u>
		-			-
	OUT1	ON		490	
	0012	ON		1088	
line in a			-		
EDID Manage					
IN	4K60HZ 3D	2CH HDR	÷	Apply	
IN	4K60HZ 3D	2CH HDR		Apply	
IN	4K60HZ 3D	2CH HDR		Apply	
IN	4 4K60HZ 3D	2CH HDR	,	Apply	

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)

• 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	



	IP	Setting			14000	
МА	C Address	FB 1D 78 A8 1E 17		Port Ah	as Setting	
			ÖÜTI	OUT1	INI	(N1
Host	IP Address	192,168,1,239	OUT2	OUT2	IN2	IN2
					IN3	IN3
Sub	onet Mask	255.255.255.0			IN4	IN4
Route	r IP Address	192, 168, 1, 1				
Т	CP Port	23				
DHCP		Apply	1000	A	vitic	

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"*

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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.



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
 - 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	AUHD SERIES	444 Series	UHD Series
HD	1920x1080	24	4:2:2	8 BIT	NO	NO	1.4	0.75 GBPS	YES	YES	YES
HD	1920x1080	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 GBPS	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







Thank you for choosing AVProEdge!

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





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