

ConferX™

AC-CX42-AUHD & AC-CX62-AUHD

WEB CONTROLS



QUICK START GUIDE

One major benefit of working with AVPro Edge matrix switchers is the fully featured, built-in web GUI. This control mechanism is available on all models. In this Quick Start Guide we will walk you through getting connected, then explain everything you are able to access in this web GUI.

Getting Connected to the Web GUI/Web OS:

The web GUI can be accessed by simply connecting to the same network as your matrix switcher. You can do that by typing the unit's IP address into any web browser.

1. Connect your AC-CX42-AUHD or AC-CX62-AUHD to a network via the Ethernet port on the unit itself. Make sure you are not using one of the HDBaseT input or output ports.
2. Connect your laptop/tablet/phone to the same network
3. Open a web browser (Chrome/Firefox/Safari) on the laptop/tablet/phone
4. In the browser bar type in the default IP address which is 192.168.1.239 (No user ID or password is needed to access the control system)
5. Start controlling your switcher

Getting Connected Important Notes:

If you are not utilizing a 192.168.1.xxx Router IP Address you will need to enable DHCP or set the IP manually. To do this, a direct connection with the switch is needed which you can accomplish using a RS-232 cable or Micro USB to USB cable. "My Uart Serial Communicator" is free software you can download and will help you get connected to the switch, you can find the download here: www.avproedge.com/drivers

Find the download link at the bottom of the page, please reference the product manual for more information on serial communication protocols.

In the rest of this quick start guide we will be referencing the 4x2 version of the switcher, please note that everything applies to the 6x2 version as well.

Switching Controls:

Sense Switch

OUT1	IN1	IN2	IN3	IN4
OUT2	IN1	IN2	IN3	IN4
ALL	IN1	IN2	IN3	IN4

HDMI Auto Switch

OUT1	ON	OFF
OUT2	ON	OFF

Sense Switch Section

- Use this section for routing inputs to the desired outputs
- To make a selection simply follow the **OUT 1** line where you will find the options **IN1**, **IN2**, **IN3** & **IN4**, click on the desired option
- Use the **ALL** line when you would like both outputs to play the same source

HDMI Auto Switch Section

- When **ON** is selected the matrix will automatically detect a new HDMI connection and switch to that input
- When **OFF** you will need to select the appropriate inputs and outputs using Sense Switch

Tip: You can rename the inputs and outputs under system setting tab.

Example:

Sense Switch

Epson	NW Wall	SE Wall	AppleTV	Cable 1
Sony	NW Wall	SE Wall	AppleTV	Cable 1
ALL	NW Wall	SE Wall	AppleTV	Cable 1

Video Scaling:

Video Scaler Mode

OUT1	ICT MODE	4K-2K
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Video Scaler Modes

- ICT Mode is the default and limits the switchers HDBT output to 10.2Gbps bandwidth. This is the maximum bandwidth allowed by HDBaseT
- When selecting "4K-2K" the switcher will take incoming 4k signal and downscale to 1080p, if the incoming signal is only 1080p it will pass through as normal
- The "4K-2K" feature can be useful when the display connected to OUT1 is only capable of 1080p and the display connected to OUT2 is capable of 4k. This allows you to mirror the signal across both displays and no additional scaling hardware is needed

Audio Controls:

Audio Status

ON	OFF
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Audio Binding

OUT1	OUT2
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Audio Status Section

- When the audio status is set to **ON** the extracted audio ports of TOS and 2 Channel L/R will be active
- When the audio status is set to **OFF** disables both extracted audio outputs

Audio Binding Section

- This area allows control of which output will be passing the extracted audio, select **OUT1** or **OUT2** depending which audio source you would like to extract

Note: The extracted audio ports do not down mix so if the 2 channel L/R is being used you will need to verify the source is set properly.

Test Pattern Controls:

Test Pattern

OUT1

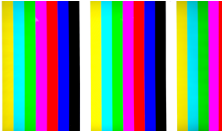
ON

OFF

OUT2

ON

OFF



Test Pattern Sections

- These switchers have a built-in test pattern generator, this is for assisting with set up or trouble shooting issues.
- Select **ON** and it will send a 1080p test pattern out desired output
- Distributed systems don't have the ability to tell you exactly where a weak point or issue may be.

How to Use the Test Pattern Once you have it **ON**

- If you can see the pattern on display, but the source is not passing a signal, check the source's connection path into the switch for issues.
- If you have the pattern on but it is not showing on the display, check the connection path from the switch to display for issues.

EDID Control:

EDID Manage

IN1

1080P 2CH

Apply

IN2

1080P 2CH

Apply

IN3

1080P 2CH

Apply

IN4

1080P 2CH

Apply

EDID Management

- EDID management allows the user to set the EDID
- To make your selection per source click the drop down and select desired EDID. Please reference the switcher's manual for full list of EDID options
- EDID management can help optimize and/or limit the video/audio being output by source to the switch

System Settings:

System Setting

IP Setting

MAC Address

F8:1D:78:A8:1D:CB

Host IP Address

192.168.1.239

Subnet Mask

255.255.255.0

Router IP Address

192.168.1.1

TCP Port

23

DHCP

Static IP

Apply

Port Alias Setting

OUT1

OUT2

IN1

IN2

IN3

IN4

Apply

System Setting Section

- The IP settings pictured above are all default, out of the box settings
- The CX42 and CX62 switchers come with a static 192.168.1.239 IP address
- DHCP can be enabled for configuration with a different Router IP Address
- Network information can be entered manually in non-grayed out area. Then click apply for modifications to take effect
- Port Alias Setting is useful for labeling input and outputs. Input and Output Alias/Labels will change across all areas of the switcher's Web GUI interface.

**HAVE A QUESTION OR NEED ASSISTANCE?
DON'T HESITATE TO CONTACT US!**

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AVPro edge