unIFY Control Panel
Axon A8Mio Configuration
The configuration form for the Axon A8Mio is organized into three key sections:

- **Audio Config** - I/O configuration and mixer setup as well as audio settings such as phantom power and gain
- **AES67 Config** - AES67 status and settings such as transmit and receive stream configuration
- **Device Config** - Ethernet port setup and other device specific settings

Checking **Identify** in the "Device Info" section will make the PWR and NET LED’s all blink white slowly to easily find the device when multiple units are in an installation. Unchecking this control will stop the ID mode.

**Audio Config**

**Analog Inputs**
- **+48V** - Turns on or off phantom power for that input
- **Line / Mic** - Sets initial base level of input
- **Mute** - Mutes the audio on this input
- **Preamp Gain** - Adjustable preamp gain from +34dB to -8dB
- **Preamp Gain Meter** - Meter showing current level post gain control level

**Analog Outputs**
- **Line / Mic (Out 1/2)** - Sets base level of output to be "Line" or "Mic" level

© QSC, LLC 2020
**Mute** - Mutes the audio on this input

**Digital Gain** - Apply a digital gain to the input signal as it passes to the output. Value applied can be between -126dB and 0dB.

**Digital Gain Meter** - Meter showing current level pre/post gain control level based on selected meter setting

**AES67 Config**

![AES67 Config](image)

**AES67 TX Streams**

Used to configure the transmit streams. The list shows basic details about streams. To edit a stream, right-click on it and select either "Enable/Disable" to toggle the state or choose "Configure"
AES67 Rx Setup

The table shows the AES67 receiver setup for each channel. To configure a channel, use the AES67 stream list and expand the required stream to show it’s individual channels. Drag the desired channel in the stream and drop it on the desired receiver channel. The indicator shows the state of the stream. If the indicator is "Off" then audio is not currently routed on the device. If it’s red there is some sort of stream issue. If it’s green then the stream is routed and OK.

AES67 Status

- **PTP Clock Status** - Indicates if the device is sync’d to the main system clock. A green indicator show that it is
- **PTP Clock Role** - Indicates if the device has been elected to be a clock master or is just a clock slave
- **Priority 1/2** - Indicate what the device priorities are set too which form part of the clock master election process

Device Config
Device Name
Set a new name for the device (current name is shown in the "Device Info" section. Type the new name and click "Apply".

Ethernet
Set the mode for the external Ethernet ports. Selecting Switched configures both ports to be on the same network. Selecting Independent configures the ports to be on separate networks with "Ethernet 1" being the audio port and "Ethernet 2" being the control port.

Power Settings
The "Power Source" field is read only to indicate where the device is currently deriving it's own power from. Options are "Aux" or "PoE".

PTP Controls
**QoS Mode** - Q-LAN/AES67 audio and Dante™ audio require differing QoS settings and switches can only be configured to deal with traffic QoS in one way. In order to make sure that QoS settings on the switch can apply equally to both Q-LAN/AES67 and Dante™ traffic, the QoS mode can be specifically selected. Use the following table to select an appropriate value.

<table>
<thead>
<tr>
<th>Network Traffic</th>
<th>QoS Setting</th>
</tr>
</thead>
<tbody>
<tr>
<td>Q-LAN only</td>
<td>PTPV2:46 Audio:34 (AES67)</td>
</tr>
<tr>
<td>Q-LAN + AES67</td>
<td>PTPV2:46 Audio:34 (AES67)</td>
</tr>
<tr>
<td>Dante™ only</td>
<td>PTPV2:56 Audio:46 (Dante™)</td>
</tr>
<tr>
<td>Dante™ + Q-LAN</td>
<td>PTPV2:56 Audio:46 (Dante™)</td>
</tr>
<tr>
<td>Dante™ + Q-LAN + AES67</td>
<td>PTPV2:56 Audio:46 (Dante™)</td>
</tr>
</tbody>
</table>

**PTP Domain** - Sets the desired PTP clock domain.