

This document provides a brief overview of integrating Q-SYS AES67 devices with AudioScience Iyo products, utilizing Q-SYS Designer with a Q-SYS Core 110f and the Iyo web user interface. Understanding of Q-SYS Designer and AES67 Networking is assumed.

**NOTE:** Advanced AES67 customization is not yet supported on the Iyo. The Q-SYS Core and Iyo must be members of the same network sub-net and Q-SYS Core AES67 Transmitter transport IP addresses must be in the default range (239.69.x.x).

## 1 Add Iyo Browser plugin to Q-SYS Designer

Create a new folder, "AudioScience", in `..\Documents\QSC\Q-Sys Designer\Plugins\`

Copy `iyobrowser.qplug` (<http://www.audioscience.com/internet/download/firmware/iyobrowser.qplug>) into this folder.

Restart Q-SYS Designer. From the "Plugins" grouping in the bottom right corner, find and drag "Iyo Browser" onto the canvas. Double-click the element to open the plugin window.

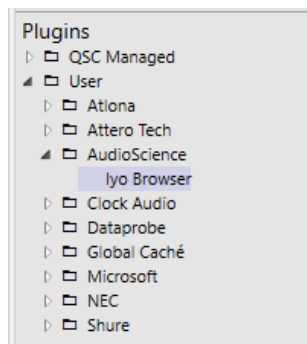
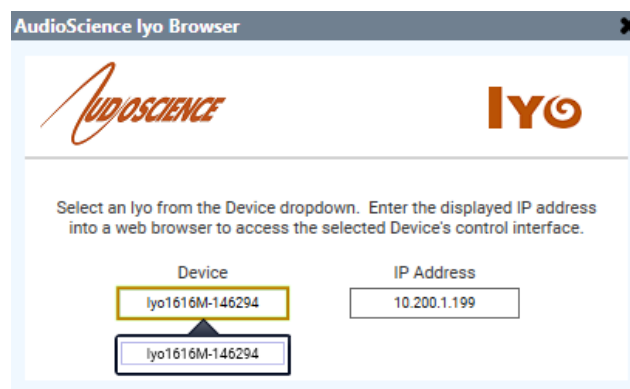


Figure 1 Selecting Iyo Browser, a Q-SYS Designer plugin

## 2 Discover Iyo in Q-SYS Designer



With the Q-SYS Core running, use the Iyo Browser plugin to find the IP addresses of Iyos on the network.

Figure 2 Iyo Browser plugin window

3 Enter Iyo IP Address into a web browser to access control interface

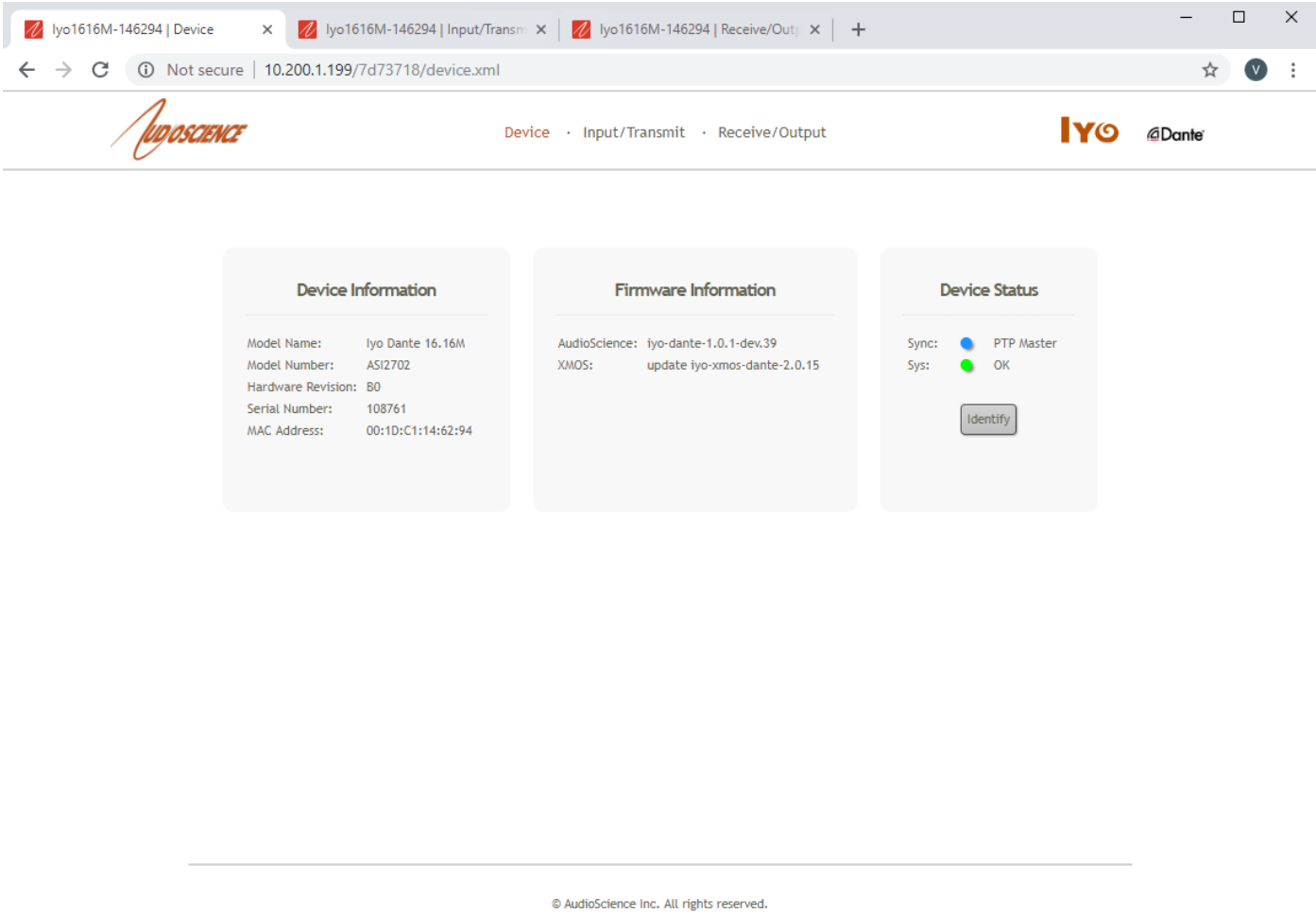
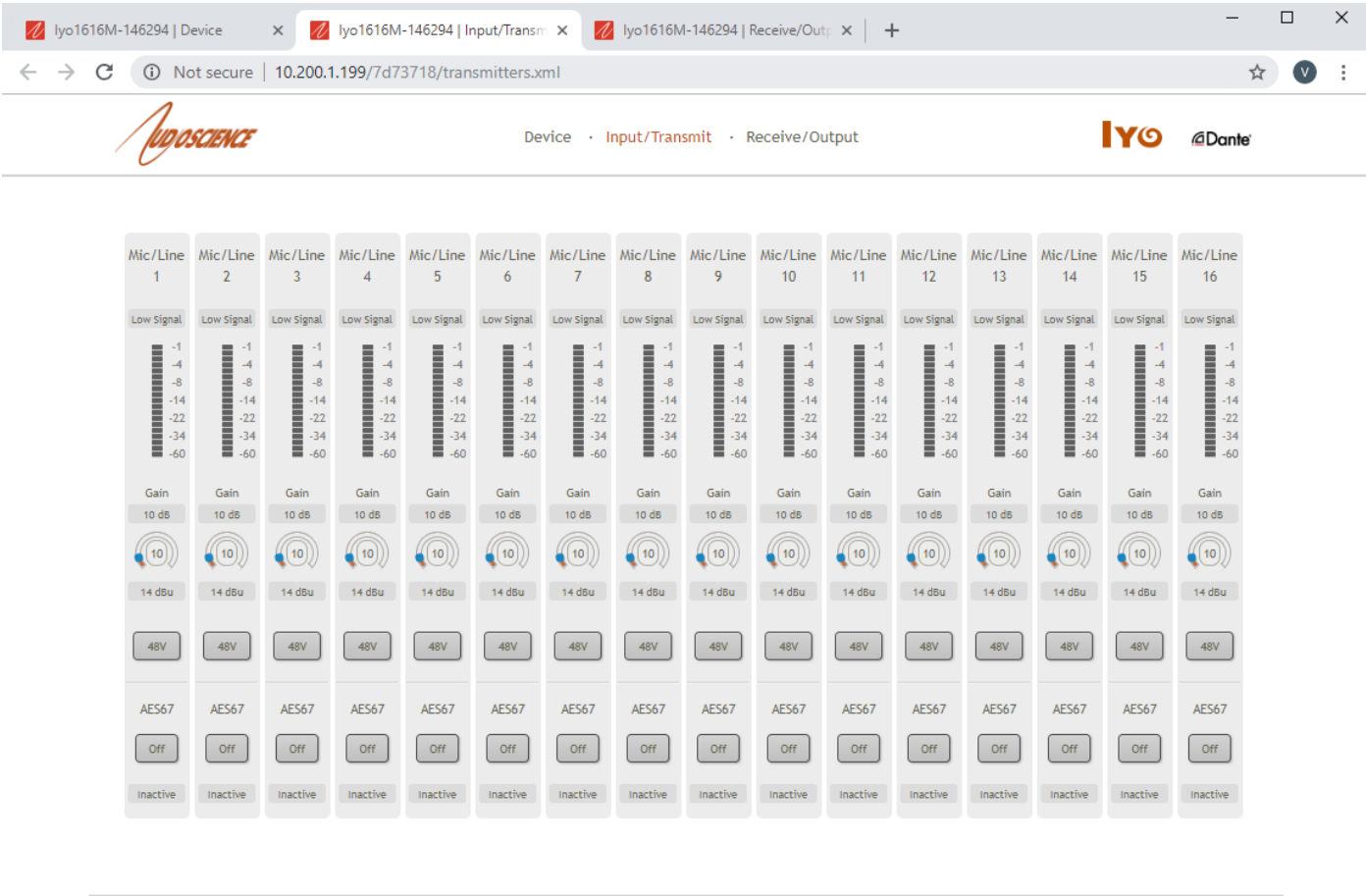
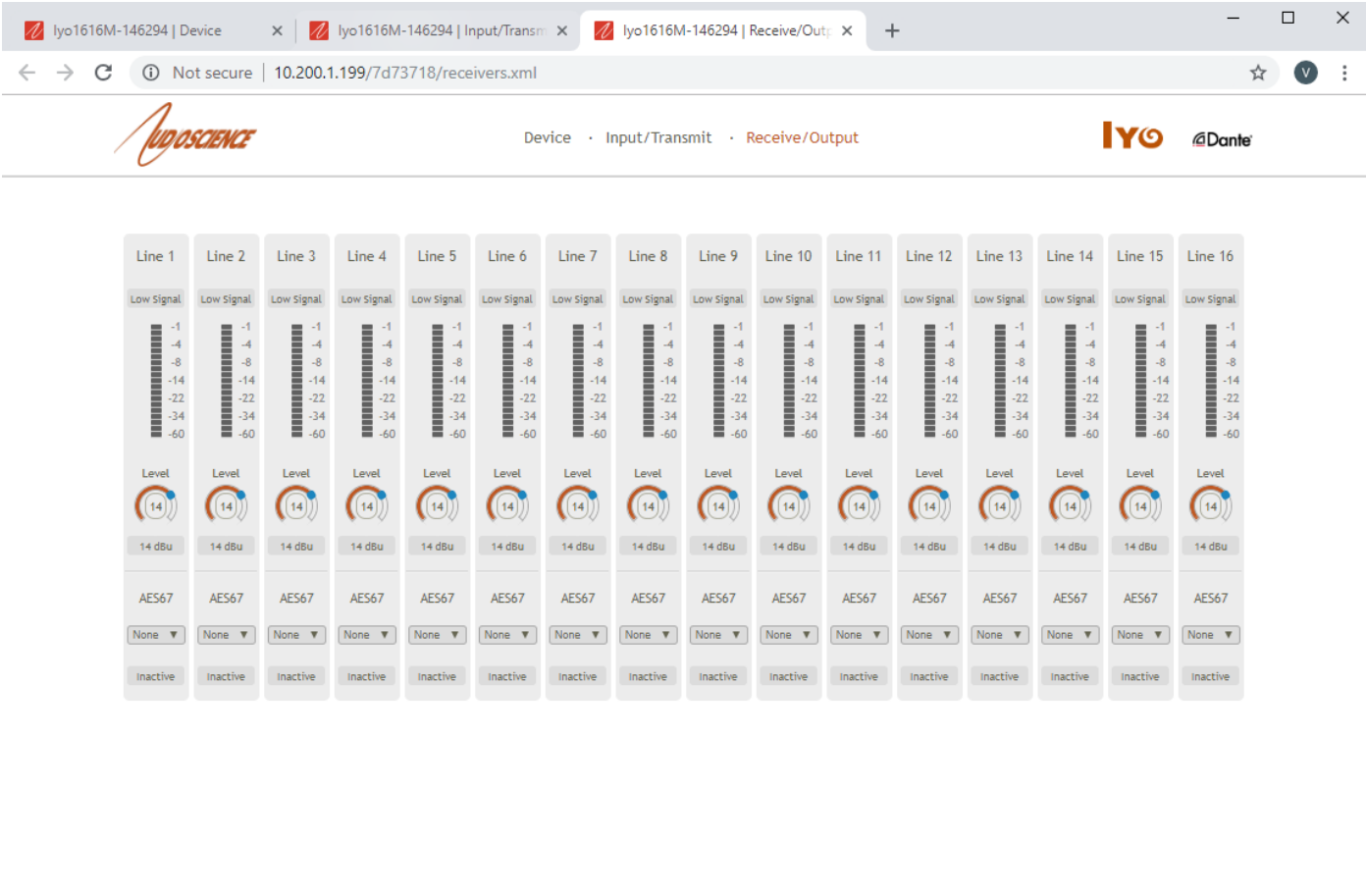


Figure 3 Iyo Web UI Device Page



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Figure 4 Iyo Web UI Input/Transmit Page



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Figure 5 Iyo Web UI Receive/Output Page

4 Connecting Q-SYS Mic/Line In to Iyo Receive/Output

- In Q-SYS Designer, route an Mic/Line In component to an AES67 Transmitter component

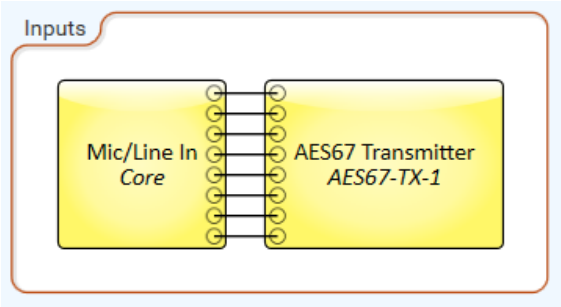


Figure 6 QSC Input and AES67 Transmitter Components

- Click “Enable” in the AES67 Transmitter configuration window

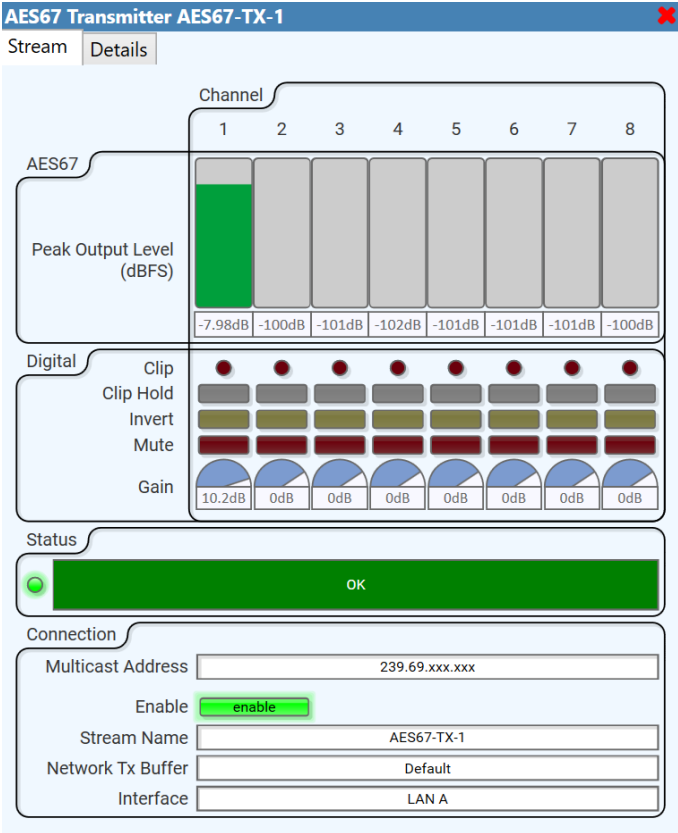


Figure 7 QSC AES67 Transmitter Configuration

## Q-SYS Iyo AES67 Setup

- In the Iyo web user interface Receive/Output page, search for the QSC Transmitter Stream Name (e.g. AES67-TX-1) in the AES67 grouping dropdown list. Select the desired QSC Transmit channel to route the QSC Input channel to the chosen Iyo Receive/Output channel. To unsubscribe from this channel, select "None".

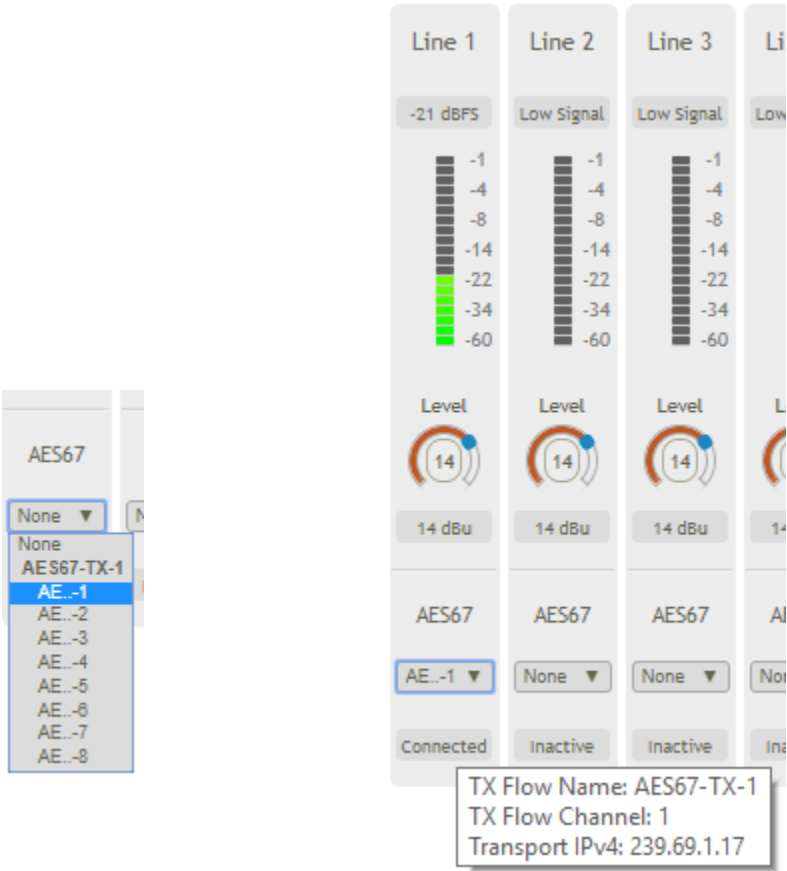


Figure 8 Iyo Receive/Output AES67 Selection

5 Connecting Iyo Input/Transmit to Q-SYS Output

- In the Iyo web user interface Input/Transmit page, stream Iyo input channels by clicking the toggle button in the AES67 grouping (see Figures 9 and 10). Iyo Input channels are configured to stream via 8-channel flows, e.g. “Mic/Line 1 to 8”, “Mic/Line 9 to 16”, etc.

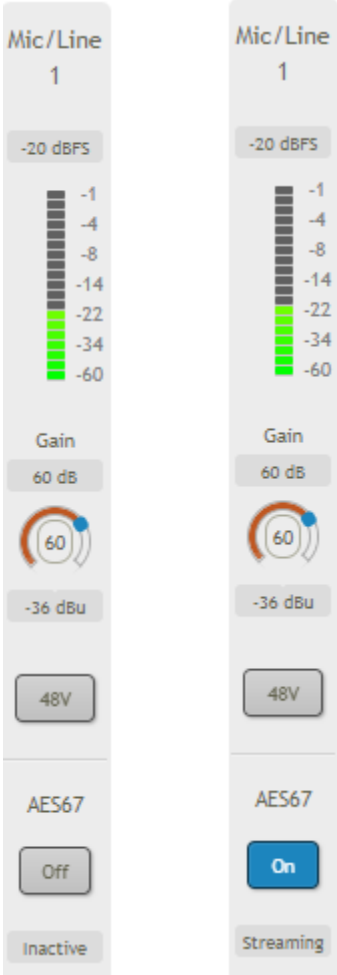


Figure 9 Iyo Input/Transmit AES67 Setup

- In Q-Sys Designer, route an AES67 Receiver component to an Output component

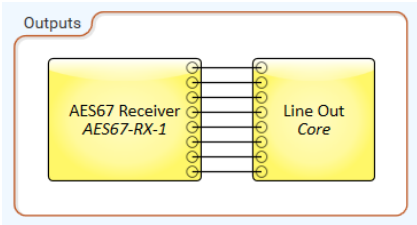


Figure 10 QSC AES67 Receiver and Output

Components

- In the AES67 Receiver configuration window, choose the Iyo Transmit Stream Name (e.g. Iyo1616M-146294 : Mic/Line 1-8) from the Stream Name dropdown list

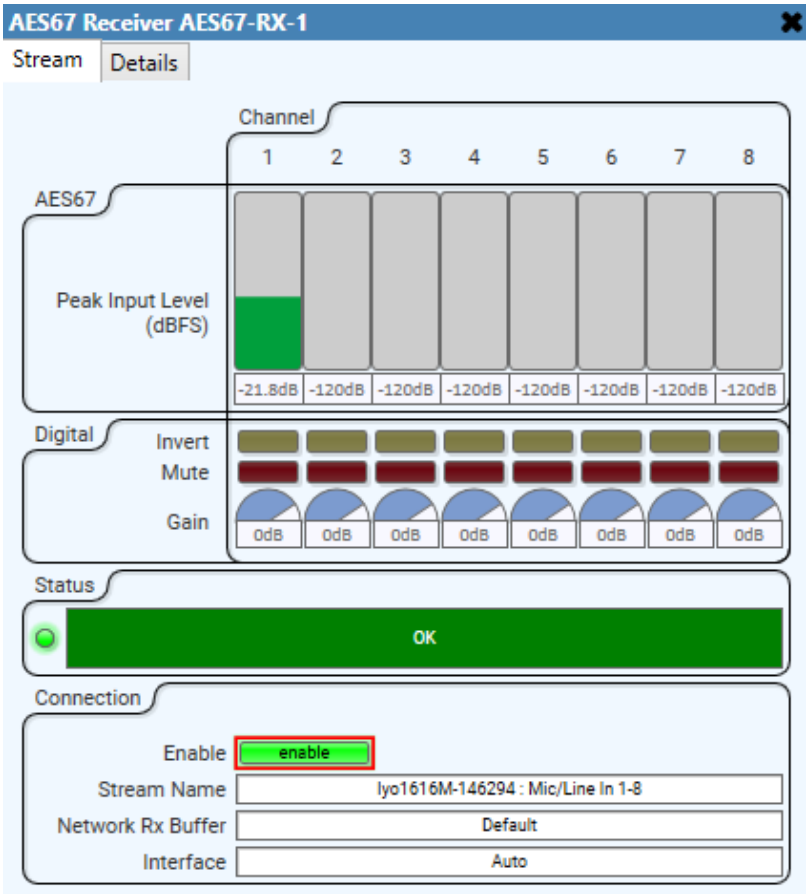


Figure 11 QSC AES67 Receiver Configuration