

# **RAVENNA** Connect Q-Sys to a RAVENNA Device

# Introduction

Now that QSC have released firmware which is AES67 compatible, connecting a RAVENNA and Q-Sys system has become not only possible but relatively straightforward.

Before you start you should ensure that you have defined your IP addressing scheme (static or DHCP) and have configured and documented all your devices.

### **Switch Checklist**

- IGMP on
- Ensure there is a single querier on the network
- Energy Efficient Ethernet offJumbo Frames off

## **Connect Q-Sys to a RAVENNA Device**

For this example we will connect a Q-Sys Core 510i to a Genelec 8430IP speaker

AES67 Transmitter A	ES67-TX-1 🗱
Stream Details	
AES67 Peak Output Level (dBFS)	
-8	5.3dB -120dB
Digital	
Clip Clip Hold Invert Mute	
Gain	OdB OdB
Status	
0	ок
Connection	
Multicast Address	239.69.xxx.xxx
Enable	enable
Stream Name	AES67-TX-1
Network Tx Buffer	Default
Interface	LAN A

Q-SYS Designer

Ensure that the **multicast address** is in the range that you are using and that it has a name you can recognise later





Open your browser and type in the IP address of the receiving RAVENNA/AES67 device.

On the webpage for the loudspeaker select the Q-Sys core stream name and then select the appropriate channel.

#### Press Apply all.

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🕤 4 dentas	e found in network								
SHOA-Left	BHOCA-TOper (COLONIE) GENERAC MILLIO	Marging Techno	uT24-AudioLan						
8430A-Right Stoors consumer	General softings	Advances							
Channel 1	NPJTA	Receiving	Channel 2	INPUTB		ide			
Source stream	sap A6567-TX-		Source stream	Select Stream	-				Т
Channel number	Channel 1		Channel number						
Show advanced	eatings		Show advanced	settings					
Manual SDP	Show its	rant SDP > >>	Marcal SDP		Show ourse	H 50P			

Webpage of RAVENNA/AES67 receiving device

3. If the stream name doesn't appear in the source state of a down list check that SAP announce browsing is activated on the Advanced tab.

Alternatively ensure a copy of RAV2SAP is running on the network or manually add SDP information.

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S davices found in nativeric			
ASSA Lat ASSA Fight Nerg County County I ASSA County I County County I ASSA C	ng tertoo		
Stream consumer General settings Advers			Discard changes Apply all
PTP State: SLAVE Grandmaster ID: 00-10-01-FF-FE-60-12-08	SIP configuration Changes in these parameters need a microri to take effe	ct. 8AP configuration	
Current offset: -682 ne Dornaln 0 :	Username accellar	Multicust address	239,299,299,299
Finalerod master		Session timeour (excords)	3600

