

RAVENNA Connect Dante Source to RAVENNA / AES67 Receiver

Introduction

Now that Audinate have released firmware to manufacturers for their Dante cards which is AES67 compatible, connecting a RAVENNA and Dante 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 off
 Jumbo Frames off

Connect Dante Source to RAVENNA / AES67 Receiver

Open Dante Controller and select the Dante device you want to send audio from.

	AVIOAT1-501ad2 🗸		0
ransmit Status Device Config Netv	work Config AES67 Config Controls		
AES	67 Mode Current: Enabled New: Enabled V		
TXN	Utilicast Address Prefix		
r Resi	Reboot Clear Config		
Res	Reboot Clear Config		

Dante Controller

2. You then need to create a multicast AES67 flow. Select the **transmit** tab on the device then press the create multicast button.

Tick the **AES67 flow** box and the channels you would like in the flow and then press **create**.

👰 Dante Controller - Device View (AVIOAI1-501ad2)	_	×
File Device View Help		
Transmit Statue Device Config Network Config AES67 Config Controls		

Dante Controller

1 On a compliant device an AES67 tab will be displayed. If the current status is Disabled select **Enabled**. A message will then appear informing you that the device will need to be rebooted for this to take effect.

Once you have selected Enabled press the **Reboot** button at the bottom of this tab.

Once the device has rebooted the TX Multicast address range will be displayed. Although you can change this it is best to leave this at defaut at the moment.

🧕 Create Multicast Flow	×
AVIOAI1-501ad2 s to 1 channels per	upports up r flow.
Select one or more transmit channels to	be placed in multicast flows
AES67 Flo	w
Channel Name	Add to New Flow
CH1	
Create	ancel

Dante Controller





Dante Controller

RAVENNA

Now lets set up the receiver

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

4. On the receiving device (Genelec 8430IP in this case) check if SAP browsing is possible and if so select it. If SAP browsing is not possible you will either have to enter the information manually by pressing the Manual SDP button or ensure there is a copy of RAV2SAP running on the network.

3. If this is successful details of the flow will be shown.

You'll know the device IP address because you defined this before this process.



Webpage of RAVENNA/AES67 receiving device

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Webpage of RAVENNA/AES67 receiving device

5. Select the stream that you established earlier in the Dante Controller and select the desired channel. Then press **Apply** and start listening.