Interoperability between Archwave AudioLan and Dante devices

This document explains how to setup interconnections between uNet AudioLan products and Dante devices.

The example shows a uNet Standard device, but working with other products is similar.

Before you start, verify you have the latest version Dante firmware installed on your device that enables AES67 audio networking on your Dante-enabled device. If you are unsure, please contact your supplier for support.

General setup
- Connect the Dante device with audio inputs to the network and turn it on.
- Connect the AudioLan device to the network and turn it on.
- Use the Dante Controller to make sure that the Dante device is configured for AES67 interoperability:
Choose and configure the Multicast Address Prefix, in this example “67”. You’ll need this number later to configure the interconnection in the opposite direction.

Receiving audio from a Dante device
- Use the Dante Controller to create an AES67 Flow from the Dante device:

After clicking on create, the device transmit status should look like this:
- Open the configuration webpage of the AudioLan device using a browser. Go to the “Advanced” tab and make sure that the “SAP browsing enabled” checkbox is checked:

![Configuration webpage](image1.png)

- Wait for short while to let the SAP system update the stream lists.
- Go to the “Stream consumer” tab and select the Dante source for the desired outputs of the AudioLan device:

![Stream consumer tab](image2.png)

Sending audio to a Dante device
- Open the configuration webpage of the AudioLan device using a browser. Go to the “Stream provider” tab and configure the outgoing streams to be compatible with Dante:
  - Uncheck the “Use automatic configuration” checkbox
  - Make sure the multicast address of each stream matches the Multicast Address Prefix given in the Dante Controller (239.67.xxx.xxx in the example), assigning addresses that are unique in the network.

![Stream provider tab](image3.png)
- Use the Dante Controller to find the AudioLan streams and connect their channels to the desired Dante device:
The device receive status should look like this:

![Device Status Screen](image)

<table>
<thead>
<tr>
<th>Channel</th>
<th>Signal</th>
<th>Connected to</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>![Signal Icon]</td>
<td>01:239.67.15.1</td>
<td>![Status Icon]</td>
</tr>
<tr>
<td>02</td>
<td>![Signal Icon]</td>
<td>02:239.67.15.1</td>
<td>![Status Icon]</td>
</tr>
<tr>
<td>03</td>
<td>![Signal Icon]</td>
<td>03:239.67.15.1</td>
<td>![Status Icon]</td>
</tr>
<tr>
<td>04</td>
<td>![Signal Icon]</td>
<td>04:239.67.15.1</td>
<td>![Status Icon]</td>
</tr>
<tr>
<td>05</td>
<td>![Signal Icon]</td>
<td>05:239.67.15.1</td>
<td>![Status Icon]</td>
</tr>
<tr>
<td>06</td>
<td>![Signal Icon]</td>
<td>06:239.67.15.1</td>
<td>![Status Icon]</td>
</tr>
<tr>
<td>07</td>
<td>![Signal Icon]</td>
<td>07:239.67.15.1</td>
<td>![Status Icon]</td>
</tr>
<tr>
<td>08</td>
<td>![Signal Icon]</td>
<td>08:239.67.15.1</td>
<td>![Status Icon]</td>
</tr>
</tbody>
</table>

Available Channels:
- 239.67.15.1 @ ullet Standard 1-8
- 239.67.15.2 @ ullet Standard 9-16