AURI-TX2N-D PoE Splitter/Combiner Setup

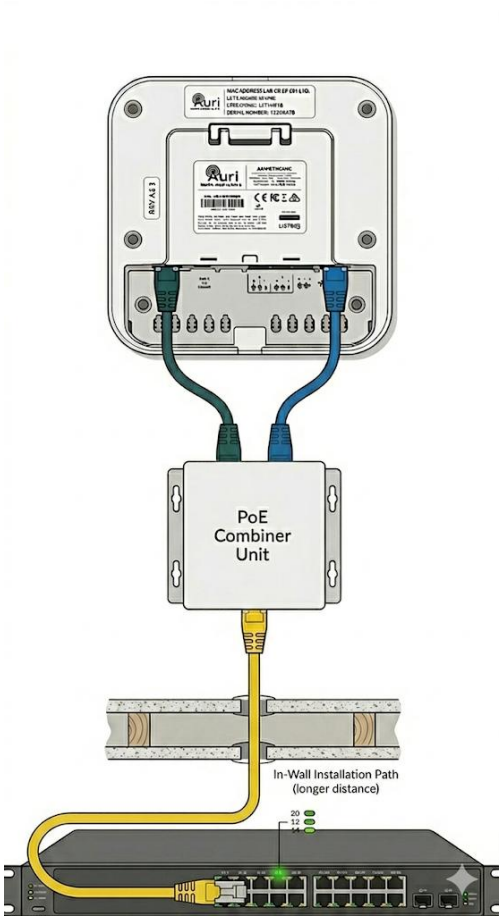
Overview

The purpose of this tech note is to provide a solution for integrators and customers who are required to have a single Ethernet cable run for their AURI-TX2N-D to provide PoE, control, and Dante audio.

Recommended Devices

Below are three recommended and evaluated network devices that enable a single Ethernet connection to AURI-TX2N-D. Each device supports PoE, control, and Dante audio, making system design and installation more efficient.

Name	Product link
LINOVISION POE EXT02G	LINOVISION
Binardat POE 102 FAF	Binardat
Nicgiga 2 port POE extender	NICGIGA



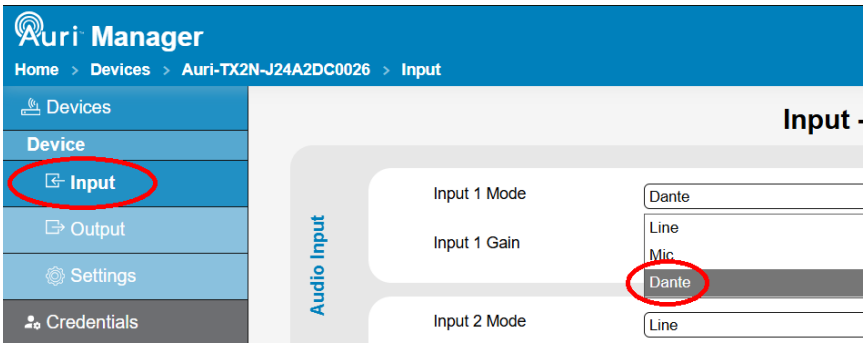
Physical Set Up

1. Connect a single Ethernet cable from the network switch and route it to the transmitter's final installation location.
2. Connect the Ethernet cable to the input port of the PoE extender.
3. Using two shorter Ethernet cables, connect the PoE extender output ports to the transmitter's Dante port and PoE/Control port, respectively.

Setting Up in the Manager

The AURI-TX2N-D setup remains consistent with its standard Dante configuration. For a device to be configured for the first time, follow these steps:

1. Connect the computer running Auri Manager to the same network as the AURI-TX2N-D.
2. Log in to the device using the default credentials.
3. Set the input source from Line to Dante.
4. Configure the required audio routing using Dante Controller.



Conclusion

AURI-TX2N-D can be successfully deployed with a single Ethernet cable while still supporting PoE power, device control, and Dante audio. This approach simplifies installation and reduces costs for the client.

When installed and configured as outlined, the AURI-TX2N-D operates with no changes required to its standard Dante setup, ensuring seamless integration into existing Dante networks.