



DXA-A2-RX

Dante® Analog Decoder

USER MANUAL

Follow us on Youtube
and Facebook



www.orei.com

Table of Contents

Introduction	04
Features	05
Package Contents	06
Specifications	06
Operation Controls and Functions	08
Application Example	10
FAQs & Troubleshooting	11

Thank you for purchasing this product

For optimum performance and safety, please read these instructions carefully before connecting, operating, or adjusting this product. Keep this manual for future reference.

Important Safety Note – Surge Protection Recommended

This product contains sensitive electronic components that may be damaged by electrical spikes, surges, lightning strikes, or static discharge. To protect and extend the service life of your equipment, we strongly recommend using a surge protection device.

Warranty Registration

Activate your warranty by registering your product at:
→ www.orei.com/register

Need Technical Support? We're Here to Help.

Our experienced Technical Support Team is available to answer your questions, offer expert advice, and help troubleshoot any issues to keep your project on track—on time and on budget.

Live Support Hours (US/Canada/Mexico):

🕒 Monday–Friday | 9:00 a.m. – 5:00 p.m. Central Time

Contact Us:

✉ Email: info@orei.com

📞 Phone: 877-290-5530

💬 Chat Live: www.orei.com

Send us an instant message—our team typically responds within moments during live support hours.

Introduction

The ToVi DXA-A2-RX is a 2-channel Dante analog audio decoder designed to decode high-quality analog audio from standard IP networks with full AES67 compatibility. It supports both balanced and unbalanced audio outputs and offers three selectable gain levels (+18dBu, 0dBu, and -10dBV) to accommodate different signal types and installation needs.

With support for 24-bit audio sampling at 44.1 kHz, 48 kHz, and 96 kHz, the DXA-A2-RX ensures clean, accurate audio delivery for professional AV environments. The unit can be powered via PoE (IEEE 802.3af Class 0) or through a 12V DC 2-pin phoenix connector, offering flexibility for diverse deployment setups.



1. **Dante® Network Audio Decoder** – Converts Dante® AES67 digital audio to analog output.
2. **Balanced/Unbalanced Output** – Supports both professional and consumer audio connections.
3. **High Sampling Rate** – Handles 44.1 kHz, 48 kHz, and 96 kHz sampling rates at 24-bit depth.
4. **3-Level Gain Adjustment** – Configurable output levels: +18 dBu, 0 dBu, or -10 dBV.
5. **Power over Ethernet** – IEEE 802.3af PoE support for simplified installation.
6. **AES67 Interoperable** – Ensures compatibility with standards-based audio networks.
7. **Compact Metal Housing** – Durable construction for professional environments.
8. **Plug-and-Play Operation** – Easy setup with intuitive dip-switch configuration.

Package Contents & Specifications

Package Contents

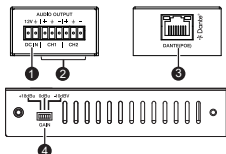
1.	DXA-A2-RX	1 pcs
2.	6pin-3.81 mm Phoenix Connector (male)	1 pcs
3.	2pin-3.81 mm Phoenix Connector (male)	1 pcs
4.	User Manual	1 pcs

Specifications

Technical	
Network Bandwidth	100Mbps
Audio Formats	PCM 2.0 44.1kHz/48kHz/96kHz up to 24bit
Transmission Distance	328ft/100m (CAT6/6A)
Control Method	Dante® Controller
Connections	
Input	1 × DANTE [RJ45 connector, PoE] 1 × PWR [2-pin phoenix, 3.81 mm]
Output	1 × AUD [6-pin phoenix, 3.81 mm]

Mechanical	
Housing	Metal Enclosure
Color	Black
Dimensions	L: 120mm / 4.72in W: 47mm / 1.85in H: 26mm / 1.02in
Weight	186g / 6.56oz
Power Supply	DC input: 12V PoE input: IEEE802.3af Class 0
Power Consumption	1.32W (Max)
Operation Temperature	32°F~104°F/0°C~40°C
Storage Temperature	-4°F~140°F/-20°C~60°C
Operating Humidity	20%~80% relative humidity, non-condensing
Storage Humidity	10%~90% relative humidity, non-condensing

Operation Controls and Functions

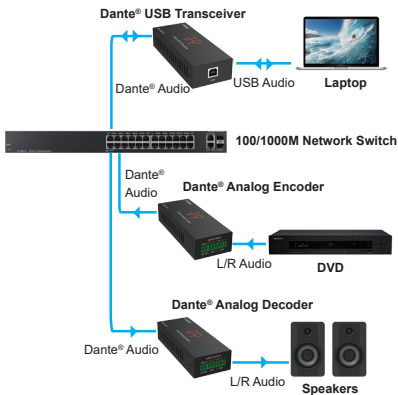


No.	Name	Function Description
1.	DC IN	Use the included 2-pin Phoenix connector to power the device. The unit supports PoE, so an external power supply is not required when connected to a PoE-enabled network switch.
2.	AUDIO OUTPUT (CH1/CH2)	Use the included 6-pin Phoenix connector to connect your audio output device. Provides both balanced and unbalanced audio output.

Operation Controls and Functions

No.	Name	Function Description
3.	DANTE (POE)	Connect to a 1G network switch for PoE and signal transmission. Green LINK LED: Remains steady when the network connection is established successfully. Yellow DATA LED: Blinks during active Dante® audio data transmission.
4.	GAIN switch	Allows selection between three gain levels: +18 dBu, 0 dBu, and -10 dBV.

Application Example



Trademarks

Dante® is registered trademark of Audinate Pty Ltd. All other trademarks are the property of their respective owners.

1. The device does not appear in Dante® Controller

- Confirm the device is powered (via DC 12V or PoE).
- Make sure your computer and the device are on the same network/subnet.
- Disable or configure firewalls that may block network discovery.

2. How do I route audio to the device?

All audio routing is managed through Dante® Controller software. The device appears as a Dante® receiver, allowing audio to be routed from other Dante®-enabled devices, including ToVi Dante® models.

Still have some questions?

Please feel free to contact us at: info@orei.com. OR Fill out the form on the 'Contact Us' page on the website. Our team will be more than happy to help you.

OREI Live Technical Support Hours

US team (US/Canada/Mexico): Monday-Friday, 9 a.m. - 5 p.m. Central Time **Support Email** - info@orei.com | **Support Number** - 877-290-5530



Dante® Analog Decoder

DXA-A2-RX

www.orei.com

© 2026