



# **User Manual**

**AU-X2OPRO-DA**

**DANTE 2CH OUTPUT ADAPTER**

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**Version: AU-X2OPRO-DA\_2023V1.0**

### Product Introduction

Thanks for choosing the AU-X2OPRO-DA. The device extracts 2 channels of analog line level audio from a Dante network, supporting sampling rates up to 96kHz using Audinate's original Dante Ultimo chip.

### Features

- Plug and Play
- Dante and AES67 support
- 24-bit audio support
- 2 audio channels
- Supports 802.3af PoE

### Packing List

- 1x AU-X2OPRO-DA
- 4x Rubber feet
- 1x 6-pin terminal block
- 2 x Mounting ears with 2 x screws
- 1x User Manual

***Note:** Please contact your distributor immediately if any damage or defect in the components is found.*

### Accessories (sold separately)

- AU-X2OPRO-2XM
- SP-PSU-DC12V1A-EU/UK

## Panel Description



- ① **Dante(PoE):** Dante network communication port.
- ② **DC12V:** Connect to DC12V power adapter(sold separately).
- ③ **Output:** 1x 6-pin terminal block, for 2 channel output audio signal.



- ④ **Reset:** 1x button, pressing and hold 5s for factory default. After performing a reset, the IP-address and all Dante configurations will reset to default. The default IP mode is DHCP.
- ⑤ **Gain:** 2x gain sliders for CH1 and CH2, each with a scale from 1 to 5.

- ⑤ **Gain:** 2x 5-pin Dip switch for adjusting output gain between +18dBu to -10 dBV per channel. The default setting is +4dBu.

## GAIN

- >1 +18dBu
- >2 +4dBu
- >3 0dBu
- >4 0dBV
- >5 -10dBV

## LED status

According to the working condition of Dante, the network port lights will have different states:

	<b>Green LED</b>	<b>Yellow LED</b>
<b>Booting</b>	Solid Green	Solid Yellow
<b>Normal operation</b>	Solid Green	Blinking Yellow
<b>Identify</b>	Blinking Green	Solid Yellow
<b>Error/Failsafe</b>	Blinking Green	Blinking Yellow

# DANTE 2CH OUTPUT ADAPTER

## Technical Specification

<b>Audio</b>	
Max output level (balanced)	+18 dBu / <b>+4 dBu</b> / 0 dBu / 0 dBV / -10 dBV
Frequency Response	20Hz to 20kHz (-/+0.5dB)
Impedance	150 Ohm balanced 75 Ohm unbalanced
Dynamic Range	>100 dB
Signal to Noise Ratio	>100 dB
THD	<0.01% @+4 dBu
<b>Dante</b>	
Sample Rate	44.1kHz, 48kHz, 96kHz
Bit Depth	24
Dante Device Latency	1, 2 or 5ms (configurable using Dante Controller)
Network Transport	Dante Audio over IP AES67 RTP
<b>General</b>	
Operation Temperature	-5 to +55 (+23° to +131°F)
Storage Temperature	-25 to +70°C (-13° to +158°F)

## DANTE 2CH OUTPUT ADAPTER

Power	802.3af PoE or DC12V
Power Consumption	2.6W (Max)
Dimension (W*H*D)	128 x 26 x 48 mm
Net Weight	195g
Compliance	FCC, CE
Environmental	RoHS, REACH, WEEE



### Customer Service

TiGHT AV provide a limited warranty for the product within **five years** counting from date of purchase (The purchase invoice shall prevail).

For more information see TiGHT AV general Warranty Statement at <https://tightav.com/warranty-statement>

**Environment and recycle information****Disposal of electric and electronic devices EC Directive 2012/19/EU**

This product is not to be treated as regular household waste but must be returned to a collection point for recycling electric and electronic devices. Further information is available from your municipality, your municipality's waste disposal services, or the retailer where you purchased your product.

**Packaging recycling information**

*Note: This manual is recycled as paper (mixed paper and card).*

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*Verifica le disposizioni del tuo comune  
Check the regulations of your municipality*