TC-AIDU-2C

2ch Line In to Dante Out Converter

Two analogue line channels onto the Dante network

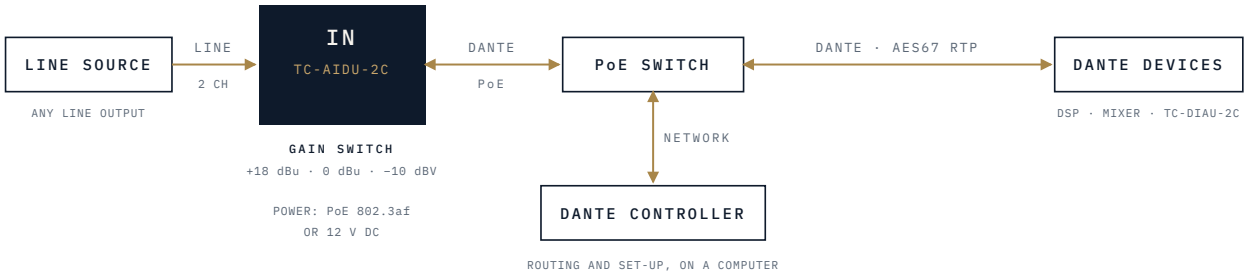
2 ch	24-bit	+18 dBu	PoE
analogue line in · balanced or unbalanced	PCM 2.0 at 44.1 / 48 / 96 kHz	the highest of three GAIN settings · 0 dBu default · −10 dBV	802.3af Class 0 · or 12 V DC

TC-AIDU-2C puts two channels of analogue line level onto the Dante network, balanced or unbalanced, on a 6-pin 3.81 mm Phoenix connector. A three-position GAIN switch matches the source — +18 dBu, 0 dBu (the default) or −10 dBV — and the audio leaves as PCM at 44.1, 48 or 96 kHz, up to 24-bit, on Dante, with AES67 (RTP) support.

One RJ45 port carries the audio and the power: the converter draws 1.2 W, from PoE (IEEE 802.3af, Class 0) or from a 12 V DC supply on a 2-pin Phoenix connector; no adapter is supplied. It runs at 100 Mbps over up to 100 m of CAT6/6A to the switch and is set up in Dante Controller. The black metal case measures 120 × 47 × 26 mm.

01 KEY CAPABILITIES

- Two line-level channels onto the Dante network, balanced or unbalanced
- Powered over the network cable (PoE, 802.3af Class 0), or from a 12 V DC supply
- Dante, with AES67 RTP audio transmission
- LINK and DATA LEDs on the Dante port



SIGNAL PATH · A LINE SOURCE ONTO THE DANTE NETWORK, POWERED OVER THE SAME CABLE

02 AUDIO

Analogue audio input	2-channel line input, balanced or unbalanced (6-pin 3.81 mm Phoenix)
Networked audio	Dante · AES67 RTP
Gain	Input level, on a 3-position GAIN switch: +18 dBu, 0 dBu (default) or −10 dBV
Other audio formats	PCM 2.0 · 44.1 / 48 / 96 kHz · up to 24-bit

03 TRANSPORT & DISTANCE

Network	100 Mbps
Transmission distance	100 m (CAT6/6A)
Power over the link	PoE, IEEE 802.3af Class 0

04 CONNECTIVITY

Network ports	1 × RJ45 Dante (PoE)
Other ports	DC 12 V in (2-pin 3.81 mm Phoenix)

05 CONTROL

Control methods	Dante Controller

06 ELECTRICAL & PHYSICAL

Power supply	PoE, IEEE 802.3af Class 0 — no adapter supplied (a 12 V DC input, 2-pin Phoenix, is also fitted)
Power consumption	1.2 W
Dimensions (W × D × H)	120 × 47 × 26 mm
Weight	186 g
Housing	Metal, black
Operating temperature	0 to 40 °C
Storage temperature	−20 to 60 °C
Humidity	20–90 % RH, non-condensing

07 COMPLIANCE & ASSURANCE

Certification statement	Designed for global compliance — CE, FCC, RoHS, and regional certifications, as applicable.
Warranty	3 years

08 IN THE BOX

In the box	Converter · 6-pin and 2-pin 3.81 mm Phoenix connectors

09 ORDERING

Order code	**TC-AIDU-2C**

PRODUCT PAGE

telecis.com/products/pro-audio/tc-aidu-2c/

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signal · engineered.