AVProedge audio

ENCODER
AC-DANTE-E
2CH Analog Audio Input

DECODER
AC-DANTE-D
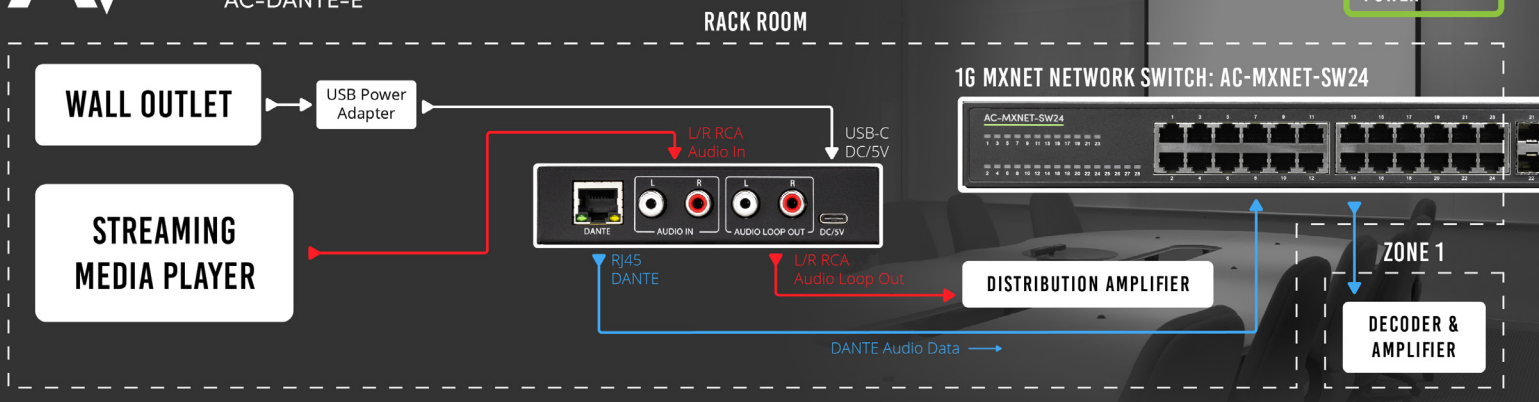2CH Analog Audio Output

ACTIVITY MONITOR

shown with AC-DANTE-D

Dante® Platform Encoder
AC-DANTE-E

The AVPro Edge AC-DANTE-E is a compact, two-channel, analog stereo-to-Dante platform encoder. Analog audio signals from sources with RCA-type stereo output connectors, such as Compact Disc changers, streaming media players, CATV/DBS set-top boxes, legacy tape machines, along with tuners for FM/HD Radio/ Internet radio and DAB+ (broadcasting to Europe, the Middle East, Asia, plus the Oceanic countries) may be digitally encoded by the AC-DANTE-E for distribution to other devices on a Dante network. Installation applications for house-of-worship, education, hotel/conference, and restaurant/retail with support equipment such as mixers, SD/USB recorders, and computer-related audio may use Dante devices for high quality, near-zero latency distribution of voice and music signaling. Loop-out from the AC-DANTE-E provides analog domain signal pass-through continuity.

ENCODER APPLICATION DIAGRAM

AC-DANTE-E

STEREO
CAT 5E
POWER

RACK ROOM

WALL OUTLET

USB Power Adapter

L/R RCA Audio In

USB-C DC/5V

1G MXNET NETWORK SWITCH: AC-MXNET-SW24

AC-MXNET-SW24

STREAMING MEDIA PLAYER

DANTE   AUDIO IN   AUDIO LOOP OUT   DC/5V

RJ45 DANTE

L/R RCA Audio Loop Out

DISTRIBUTION AMPLIFIER

DANTE Audio Data

ZONE 1

DECODER & AMPLIFIER

PRODUCT SPECIFICATIONS

AUDIO:	
Frequency Response	20-20kHz
Analog Input Voltage	Unbalanced 1Vrms (2.828Vp-p)
Loopback Output Voltage	Unbalanced 1Vrms (2.828Vp-p)
Format	LPCM
Supported Sample Rates	44.1, 48, 88.2, 96 kHz
Supported Bit Depths	16,24,32
Latency	Configurable 1,2,5 ms
ANALOG AUDIO CONNECTIONS:	
Analog Input	(1) Stereo RCA
Analog Output	(1) Stereo RCA
Dante Network Audio	(1) RJ-45
POWER:	
USB Type-C Power Adapter	Input: 100-240VAC, 50/60Hz, 0.5A Output: 5VDC, 1A
ENVIRONMENTAL:	
Operating Temperature	23 to 125°F (-5 to 51°C)
Storage Temperature	-4 to 140°F (-20 to 60°C)
Operating Humidity	5-90% RH (No Condensation)
DIMENSIONS:	
Mounting	Furniture mount support
Dimensions (Unit Only Width/Depth/Height)	mm: 110 X 96 X 25 inch: 4.33 X 3.78 X 1
Dimensions (Packaged Width/Depth/Height)	mm: 193 X 136 X 41 inch: 7.6 X 5.35 X 1.62
Weight (Unit)	0.5 LBS/0.23 KG
Weight (Packaged)	0.85 LBS/0.38 KG
Product Warranty	10 Years

Specifications subject to change without notice. Mass & dimensions are approximate

KEY BENEFITS

- Easily interface analog audio sources with a Dante-platformed system

- Audio loop-out for signal system continuity

- Low profile, compact design for placement options

- Auto device-discovery on a Dante network

- Activity LEDs provide power and signal status

- Makes a convenient stand-alone connectivity pair with the AC-DANTE-D decoder

FULL FEATURE SET

- Complete Dante system compatibility

- Audio loop-out passes signal forward after extraction for Dante encoding

- Plug and play support

- Sample rates up to 96 kHz

- 16-, 24-, and 32-bit audio support

- Dante port LEDs indicate link status and activity

- Unit ships with power supply and USB Type A to Type C cable

*shown with the AC-DANTE-D