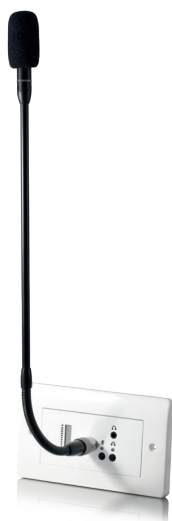




AU-DTM1

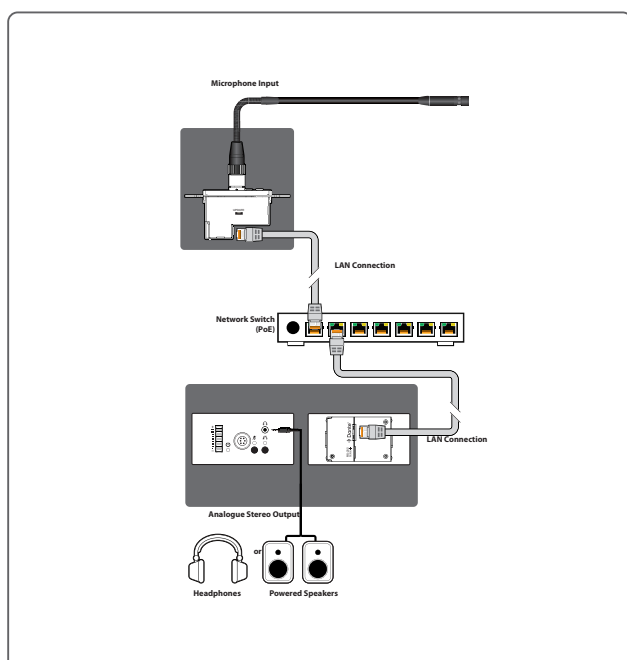
Dante Wall Plate & Microphone Kit



This wall plate integrates Dante® technology (digital audio network via Ethernet), a high-quality microphone, and a line output into a transceiver. Every Transceiver is capable of simultaneous bi-directional audio extension via Cat.5e/6/7 cable over distances up to 100 metres, enhancing the flexibility of any installation. Thanks to the integrated support for Dante/AES67 technology which extends and routes audio across standard Ethernet networks, this unit forms an important part of an easier and more flexible system for managing large audio systems than traditional point-to-point physical wiring. Dante does away with the bundles of heavy, expensive, multi-core analogue audio cables and replaces it with low cost, and easy to manage, Cat.5e/6/7 cables while maintaining the high quality expected from uncompressed digital audio. Due to the nature of packet-based Ethernet data transmission, there is no need to worry about the traditional enemies of long distance audio extension, such as analogue signal interference, crosstalk, or signal attenuation. All of this is provided with the absolute minimum of latency (typically around 1ms).

The unit is powered directly by PoE (Power over Ethernet) which allows for increased installation location flexibility. Basic device configuration is provided by serial while routing and network configuration management is provided via 3rd party control software.

DIAGRAM



PANELS



Front View



Rear View

FEATURES

- One standard Dante bi-directional port
- High quality DAC (Digital to Analogue audio Conversion) functionality from microphone to stereo audio
- Powered directly by PoE (802.3af) provided by the network switch or router connected to the Dante port
- Simple and easy audio routing via 3rd party control software which is available for both Windows and macOS systems
- Compatible with existing Dante audio networks and AES67
- Basic device configuration via serial
- Dante audio networking uses standard IP networks to transmit high-quality audio with near-zero latency
- Provides non-compressed audio performance
- Ensures sample-accurate time alignment between networked devices
- Exposes real-time latency statistics, clock status, and signal presence information to the network

SPECIFICATIONS

Interfaces

Input Port	1× Analogue Mono Audio (6-pin mini DIN)
Output Port	1× Analogue Stereo Audio (3.5mm)
Bi-directional Port	1× Dante (RJ-45)
Control Port	1× RS-232 (3-pin Terminal Block)
Service Port	1× USB 2.0 (Micro-B)

Audio

Mic Input	Max Audio Level: 200mVrms Impedence: 4.49kΩ
Line Output	Max Audio Level: 2Vrms THD+N: < -80dB@0dBFS 1kHz (A-wt) SNR: > 90dB@0dBFS Frequency Response: < ±3dB@20Hz~20kHz Impedence: 499Ω Type: Unbalanced

Power

Power Supply	PoE (802.3af)
Power Consumption	7.47W

Enclosure

Chassis Material	Metal (Aluminum)
Chassis Colour	White
Dimensions (W×H×D)	99.8mm×49.7mm×48.35mm [Case Only] 99.8mm×49.7mm×49.35mm [All Inclusive]
Weight	225g

Field Firmware Update

PC update

ORDERING INFORMATION

Model No. Product Description

AU-DTM1	Dante Wall Plate & Microphone Kit
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