AV-WALL-DT4i/DT4i-LE
Dante Super Compact Mic/Line interface with 2 XLR + stereo 3.5 mini-jack for wall mount

AV-WALL-DT4i/DT4i-LE Overview

AV-WALL-DT4i/DT4i-LE offer 2x XLR Line out and a stereo 3.5 mini-jack line in Interface to Dante in an incredible small size.

AV-WALL-DT4i/DT4i-LE have professional preamp with 64dB of gains on 2 XLR Mic inputs and 40dB at line level on stereo mini-Jack that can be remotely controlled via network per step of 1dB.

AV-WALL-DT4i version integrates a rotative push buttons for local fine adjustment of mic gains, +48V XLR phantom power and Bluetooth pairing.

AV-WALL-DT4i/DT4i-LE are designed to fit into a single-gang junction box of only 45x45x45mm.

AV-WALL-DT4i/DT4i-LE are PoE powered and remote controls and audio data connectivity are provided by a single CAT-5e/6 cable.

Wall plate are available in square version "E" for Europe and MEA counties or in Version "A" for USA, Australia, Japan

Key Features

- 2x Microphone/Line inputs (1/2) with 64dB of gains between -24dB to 40dB controllable per step of 1dB via network or locally via rotative push button.

- 2x XLR female connectors for the 2 Mic/Line (1/2)

- 2x +48V Phantom power, remotely or locally controllable for the Mic inputs

- 2x Line inputs (L/R) with 40dB of gains between -12dB to 28dB controllable per step of 1dB via network or locally via rotative push button.

- 3.5mm mini-Jack connector for the 2 Line (L/R) inputs

- Embedded rotative push button gives local control of any individual gains and to the 48V phantom power if remotely activated.

- 4x Dante channel transmitters working at selectable frequency of 44.1kHz, 48kHz, 88.2khz and 96kHz.

- Internal mixers allow sending 4 individual mixing of the 4 inputs (1, 2, L and R) to the 4 Dante channels

- Dedicated control page for monitoring and controlling all the parameters (gain, phantom power on each channel, preamp values, vu-meter)

- 802.3af compliant, the AV-WALL-4DTi can work and may be powered with any compliant PoE network switch.

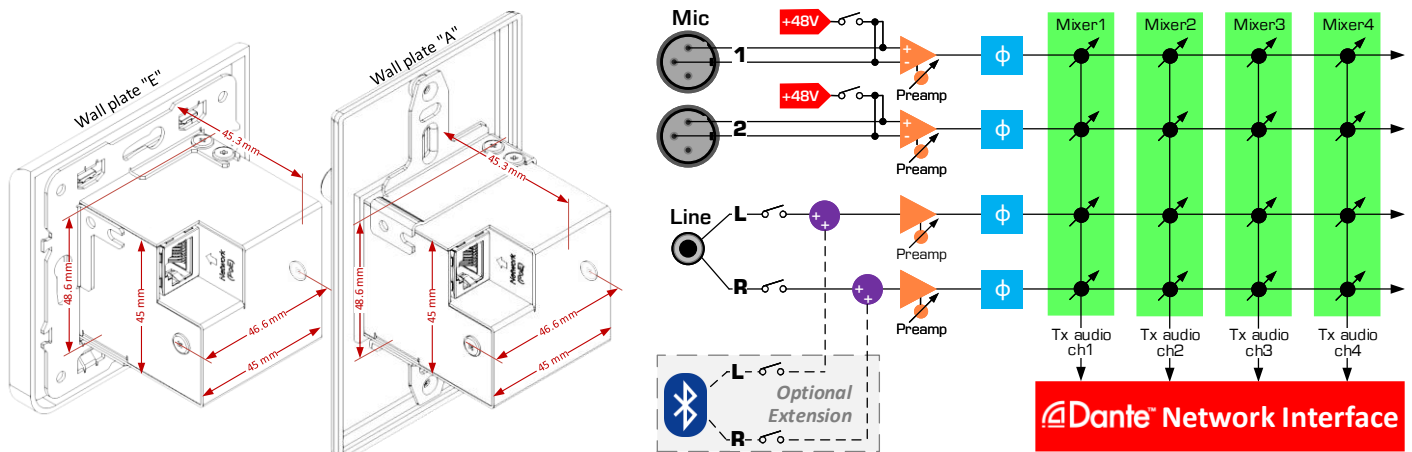- Internal connector for optional Bluetooth extension

Mechanical Specifications

Size of the main box: 45x45x50 mm. Wall plate size may vary depending on the region. On Wall Depth is 49x47x46 mm Fit in 1 Gang box.

AV-WALL-DT4i//DT4i-LE Applications

Any convenient, wall mounted Mic and Line to Dante network in Theatres, Convention centres, Hotel ballrooms, Corporate meeting rooms, Restaurants, Bars Sports facilities featuring any or all the following requirements:

- State of the art in quality/price ratio standard for professional Wall-Plate applications.

- High quality microphones with fine steps of gain for Mic pre-amplification adjustments.

- Fit in a small single-gang junction box included most of the European and Asian standards

- Quick local gain adjustment without any external computer.

- Avoid using an unsightly external junction box to fix it in the wall.

- 2 Mic + 2 Lines using only a Cat5e/6 cable for both power, control, and audio transmissions.

- Direct mixing capability of the 4 Mic/Line inputs directly to Dante without external devices.

AV-WALL-DT4i/DT4i-LE Rear view with E/A Wall Plate and Audio Flow

Technical Specifications

General	
Size	Central part: 45x45x50 mm. Depth in Wall (HxLxW)l: 49x47x46mm - Fit in 1 Gang Wall Wall plate size may vary depending on the region.
Power Supply	PoE 802.3af compliant through RJ45. Maximum consumption 5.5W.
Storage: Temp / Humidity	-5°C to 70°C / 0% to 95% (non-condensing)
Operating: Temp / Humidity	0°C to 50°C / 5% to 90% (non-condensing)
Connectors	2x female XLR connectors for Mic/Line inputs, 1x 3.5mm mini-jack connectors for Line inputs,10-pins mini connector for Bluetooth extension

Audio Inputs Specifications	
Number of i/o	2x Mic/Line + 2x Analog line inputs
Sampling Frequency	44.1 kHz / 48 kHz / 88.2 kHz / 96 kHz
A/D resolution	24 or 32 bits
Input specification	Balanced Analog on XLR connectors, Unbalanced Analog on 3.5mm mini jack
Input maximum level	+24dBu on XLR connector and +12dBu on 3.5 mini jack

Audio Inputs MIC/Line (XLR) Technical Specifications (All measures at fs=48kHz & 22kHz BW)	
Analog Gain Range	0 to +64dB (1dB step)
Input sensibility	+24dBu to -40dBu
Input Impedance	3.5 kΩ (balanced)
E.I.N. (R=1KΩ G=+40dB)	-111 dBu
Dynamic Range	> 101 dB A-weighted
THD+N (1KHz/G=0dB)	< -91 dB (0.0028%)
Freq. response @ G=0	20Hz-20kHz (+0 /-1.2dB)
Phantom Power	+48 V (individually controllable for each channel)

Audio Inputs Line (Mini Jack) Technical Specifications (All measures at fs=48kHz & 22kHz BW)	
Analog Gain Range	0 to +40dB (1dB step)
Input sensibility	+12dBu to -28dBu
Input Impedance	10 kΩ (unbalanced)
E.I.N. (R=20Ω G=+40dB)	-97 dBu
Dynamic Range	> 100 dB A-weighted (> 101dB un-weighted)
THD+N (1KHz/G=0dB or G=+25dB)	< -89 dB (0.0035%)
Freq. response @ G=0	20Hz-20kHz (+0 /-0.8 dB)

Integration Environment	
Dante Controller	AV-WALL-DT4i can be managed by Dante controller as a device with 4x TX channels that can be set to run on 24-bits audio format at a frequency of 44.1kHz / 48kHz / 88.2kHz / 96kHz
AVS-Monitor	AVS-Monitor enables to remotely set, control and monitor AV-WALL-DT4oB/DT4o-LE parameters and any other AuviTran product via IP, Dante and provides enhanced control pages in Windows.

Part number

AV-WALL-DT4i	Dante super compact Mic/Line interface on POE for wall mount with 2x XLR mic inputs, 3.5mm mini-Jack stereo input and a rotative push button for local control.
AV-WALL-DT4i-LE	Dante super compact Mic/Line interface on POE for wall mount with 2x XLR mic inputs, 3.5mm mini-Jack stereo input version without rotative push button.
AV-WALL-BT-EXT	Optional BlueTooth stereo receiver extension for AV-WALL-DT4i.

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