**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

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**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)
- 8Q2.3af compliant, the AV-WALL-4DTi can work and may be powered with any compliant PoE network switch.
- Internal connector for optional Bluetooth extension

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**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.
## Technical Specifications

### General
- **Size**: Central part: 45x45x50 mm. Depth in Wall (HxLxW): 43x47x46mm - Fit in 1 Gang Wall
- **Power Supply**: PoE 802.3af compliant through RJ45. Maximum consumption 5.5W.
- **Storage: Temp / Humidity**: -5°C to 70°C / 9% 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, Unbalanced Analog on 3.5mm mini jack.

### Audio Inputs Specifications
- **Number of i/o**: 2x Mic/Line + 2x Analog line inputs
- **Sampling Frequency**: 44.1 kHz / 48 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 @ 0.002% (dB)
- **Freq. response @ G=0**: 20Hz-20kHz (+0/-1.2dB)
- **Phantors 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=200 G=+40dB)**: -97 dBu
- **Dynamic Range**: > 100 dB A-weighted (> 101dB un-weighted)
- **THD+N (1KHz G=0dB or G=+25dB)**: < -89 dB @ 0.0039% (dB)
- **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 / 96kHz.
- **AVS-Monitor**: AVS-Monitor enables to remotely set, control and monitor AV-WALL-DT4i/DT4i-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.