

AV-WALL-DT4oB Overview

The AV-WALL-DT4oB Dante offers 2x XLR Line out and a stereo Bluetooth out Interface to Dante with an OLED screen display plus a local push button for local control in an incredible small size of less than 45x45mm.

The AV-WALL-DT4oB gains of the 2 professionals balanced outputs and stereo Bluetooth are controlled remotely via network per steps of 1dB or locally via direct rotative push buttons with local OLED display on 4 lines of 8 characters for fine adjustment.

The AV-WALL-DT4oB is designed to fit into a single-gang junction box of only 45x45mm fitting small format.

AV-WALL-DT4oB is PoE enabled and thus power, control and audio data connectivity are provided by a single CAT-5e/6 cable.

Key Features

- 2x balanced professional line out (1/2) with digital gains for -inf to +12dB controllable per step of 1dB via network or locally via rotative push button
- An integrated stereo Bluetooth out with adjustment gain between -12dB to 28dB controllable per step of 1dB via network or locally via rotative push button
- 2x XLR female connectors for the 2 Line out (1/2)
- Integrated 145dpi OLED display of 4x lines of 8 characters or 64x32 graphic display
- Embedded rotative push button gives local control of any individual gains and of the selection of the source from a list of 64 predefined/customized Dante channels-devices
- 4x Dante channel receiver working at selectable frequency of 44.1kHz, 48kHz, 88.2kHz and 96kHz
- 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-4DT4oB can work and may be powered with any compliant PoE network switch



Mechanical Specifications

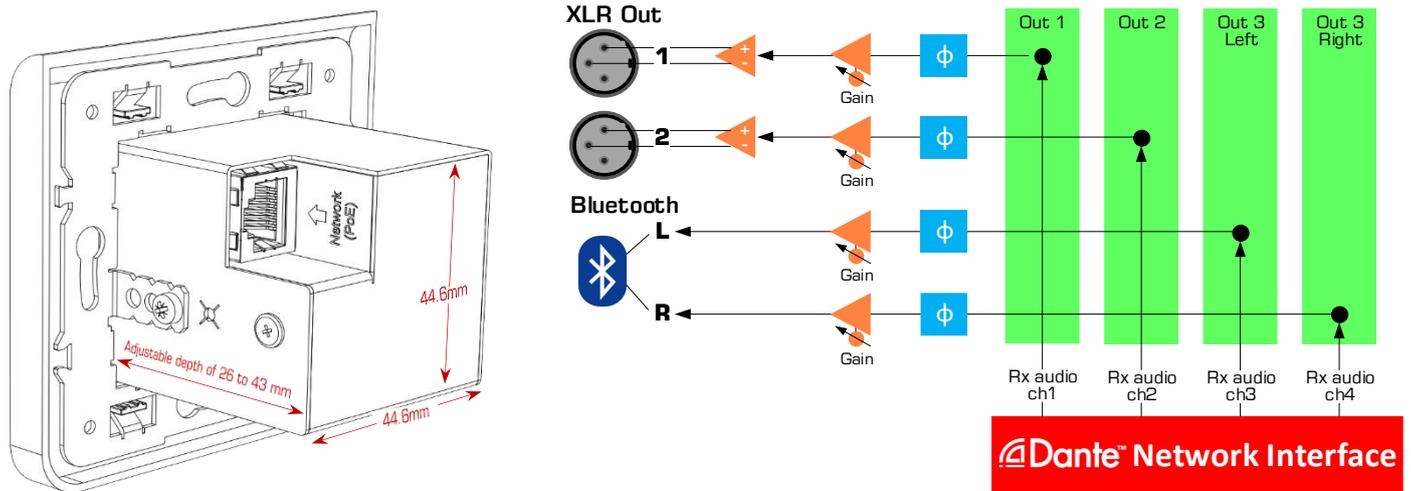
Size of the main box: 44.6 x 44.6 x 50 mm. Depth can be adjusted between 26 to 43 mm to fit near any wall depths. Wall plate size may vary depending of the region

AV-WALL-DT4oB Applications

Any convenient, wall mounted 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 DAC with fine steps of gain for 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
- 2x professional XLR Out + a stereo Bluetooth output using only a Cat5e/6 cable for both power, control and audio transmissions

AV-WALL-DT4oB Rear view with European Wall Plate and Audio Flow



Technical Specifications

General	
Size	44.6 mm x 44.6 mm x 50 mm main box size
Power Supply	PoE 802.3af compliant through RJ45
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 male XLR connectors for analog Line out 1x RJ45 for Dante/remote control transmission and Power Supply
Local Control	Rotative Push button
Display	145 DPI OLED Display, 4 lines of 8 characters or 65 x 32 pixels bitmap display
Audio Outputs	
Number of i/o	2x analog line out on XLR + 2x analog outputs on Bluetooth
D/A resolution	24 bits
Output type	Balanced Analog on XLR connectors, Stereo digital BlueTooth output compatible with 5.0 BlueTooth devices
Output maximum level	+24dBu on XLR connector
Audio outputs Line out (Technical Specifications)	
Analog Gain Range	-inf to +24dB (3dB step)
Sampling Frequency	44.1 kHz / 48 kHz / 88.2 kHz / 96 kHz
Output impedance on XLR	< 100 Ohms
Output sensibility	+24dBu
Dynamic Range	> 106dB A-weighted (> 104dB un-weighted) (fs=48kHz & BW 22kHz)
THD+N (1KHz/G=0dB or G=+25dB)	< -92dB (0.0025%) (fs=48kHz & BW 22kHz)
Freq. response (20Hz-20kHz)	20Hz-20kHz (+/-1dB)
Integration Environment	
Dante Controller	AV-WALL-DT4oB can be managed by Dante controller as a device with 4x RX 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 parameters and any other AuviTran product via IP, Dante or EtherSound and provides enhanced control pages in Windows 10 or 7 for 32 or 64-bit versions for AVSMonitor

Part number

AV-WALL-DT4oB

Dante super compact interface on PoE for wall mount to 2x XLR line out and stereo BlueTooth output with a rotative push button plus OLED screen display for local control