ControlSpace® WP22B-D 2-in/2-out Dante™ Wall Plate

BOSE®

Product Description

The Bose® ControlSpace® WP22B-D Dante audio interface is a cost effective multi-I/O wall box. The WP22B-D features two balanced mic/line XLR inputs and two balanced XLR line outputs. The WP22B-D is designed to fit into most dual gang US junction boxes and is PoE enabled, so all connectivity (power and data) is provided by a single CAT-5 cable. The size of the WP22B-D makes it easy to put Dante connectivity close to analog devices, helping to reduce costly and interference-prone analog wiring.

Key Features

- 2 balanced XLR mic/line inputs
- 2 balanced XLR line outputs
- 802.3af compliant PoE powered to work with any compliant PoE network switch
- Three input gain settings for common line and microphone sources. Channel gain is individually adjustable via ControlSpace Designer™ software
- +48VDC Phantom power per channel
- ID indicator allows easy identification of which unit is communicating with ControlSpace Designer software

Applications

Convenient, wall-mounted mic/line I/O drops for:

- Hotel ballrooms
- Conference/meeting centers
- Conference rooms
- Sports facilities
- Convention centers
- Religious and worship facilities
- Retrofit applications using existing networking cables

Technical Specifications

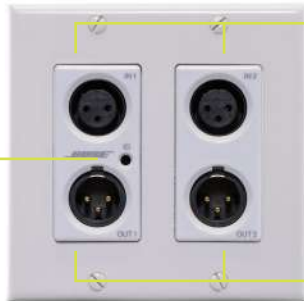| Audio Inputs	
Input Channels	Two (2) analog, balanced microphone/line level
Connectors	Two (2) XLR
Phantom Power	+48VDC, software selectable per input
Gain Settings	0 / +25 / +40 dB, software selectable
Input Impedance	> 1.8 kΩ at any gain setting
Equivalent Input Noise	–115 dBu (+40 dB gain)
Maximum Input Level	+12 dBu @ 0 dB gain
Audio Outputs	
Output Channels	Two (2) analog, balanced line level, with automatic muting on loss of Dante signal
Connectors	Two (2) XLR
Output Gain	0 dB
Output Noise	< –90 dBu @ 0 dB gain
Maximum Output Level	+12 dBu
Software Application	
ControlSpace® Designer™ software v4.2 or later	
General	
A/D Converters	48 kHz, 24-bit
System THD	< 0.01 % at any gain, input signal 3 dB below maximum
PoE Class	Class 0 802.3af PoE PD compliant
Certifications	FCC Part 15 Class A, CE (EN 55022 Class A)
Dimensions	2.75" H x 3.60" W x 1.88" D (70 mm x 91 mm x 48 mm)
Operating Temperature	32 °F – 104 °F (0 °C – 40 °C)
Product code	738677-0010

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Connector Panel

Decora-style trim plate included

ID indicator: Blinks when the *Identify* button is pressed in ControlSpace Designer™ software. Allows easy identification of a specific WP22BU-D

IN 1 and IN 2 XLR inputs: Balanced mic/line inputs. Gains of 0dB, +25dB, and +40dB gain, selectable via software
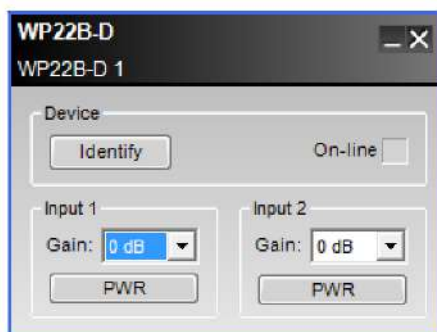
OUT 1 and OUT 2 XLR outputs: Balanced line-level outputs

Dante™ / PoE network connector: 100 Mbps Dante RJ-45 Ethernet network connection

ControlSpace Designer™ software interface

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