SONIX WP-BT2

BLUETOOTH AUDIO TO DANTE® 2X2 WALL PLATE WITH POE (EU/UK 1-GANG)

The Bluetooth Audio to Dante® 2x2 Wall Plate is a high-performance, professional-grade interface housed in a compact and robust metallic chassis designed for seamless integration of wireless Bluetooth sources into IP-based Dante® digital audio networks. Built in a standard EU/UK 1-Gang form factor with an elegant aluminum alloy frame and protective iron housing, this unit provides an ideal Bring Your Own Device (BYOD) solution for corporate boardrooms, educational facilities, hospitality, live sound setups, and rental applications.

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Helvia-SoniX-WP-BT2-3QtrR-Main.jpg



Helvia-SoniX-WP-BT2-3QtrR-Rear.jpg



Helvia-SoniX-WP-BT2-Rear.jpg

Bluetooth

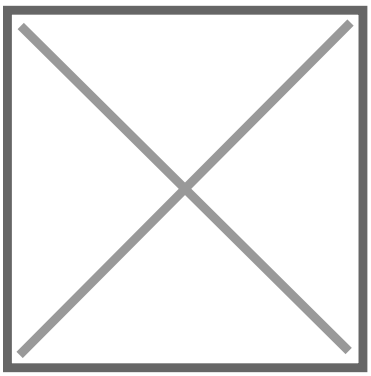
Dante™ Digital Audio

Via Enzo Ferrari 10
62017 Porto Recanati (MC), Italy
info@frenexport.it

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HIGHLIGHTS



ADVANCED HIGH-RESOLUTION BLUETOOTH AUDIO CONVERTER

Featuring advanced **Bluetooth V5.1** supporting high-definition audio codecs (SBC, AAC, aptX, aptX-LL, aptX-HD) at **sampling rates up to 192kHz/24-bit**, it ensures pristine, ultra-low-latency stereo audio transmission. The unit can be conveniently powered via Class 0 IEEE 802.3af Power over Ethernet (PoE) or an optional local 12V DC terminal.

For complete out-of-the-box installation flexibility, the converter comes complete with a dedicated surface-mount plastic wall box in addition to its standard wall plate mounting hardware. Full control is supported via front-panel hardware pairing buttons, **Web GUI, and TCP/IP API commands**.

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PRODUCT DETAILS

KEY FEATURES

High-Definition Wireless Audio: Features Bluetooth V5.1 with full support for SBC, AAC, aptX, aptX-LL, and aptX-HD codecs up to 192kHz@24-bit for uncompromised sound quality.

Simultaneous Dual-Device Connection: Supports up to 2 active Bluetooth connections with seamless audio switching.

Flexible Power Options: Powered via standard IEEE 802.3af Class 0 PoE or an external local 12V DC power supply.

Rugged & Compact Metallic Build: Engineered with an aluminum alloy frame and iron chassis in a standard EU/UK 1-Gang footprint for heavy-duty live rental and permanent install use.

Complete Mounting Solution: Comes complete with an included heavy-duty plastic wall box (83×83×52" mm") for easy flush or surface-mount installation.

Advanced DSP & Control: Integrated Web GUI featuring 8-band parametric EQ (PEQ), gain adjustments, customizable Bluetooth naming, and TCP/IP API command control.

Broad Audio Transport Compatibility: Supports Dante® sample rates (44.1/48/88.2/96" kHz" at 16/24/32" Bit") and AES67 RTP audio transport protocols.

SPECIFICATIONS

Inputs	1x Bluetooth digital audio input (internal antenna, V5.1, SBC/AAC/aptX/aptX-LL/aptX-HD, 44.1k-48kHz 16/24-Bit)
Outputs	1x DANTE (PoE) RJ45 connector (Digital audio output 44.1k-96kHz 16/24-Bit, supporting PoE)
Control Methods	Front panel PAIR button, TCP/IP, Web GUI, Dante® Controller
Network Bandwidth	100 Mbps
Dante Audio Formats	Digital audio 4CH, 44.1k-96kHz 16/24-Bit
Audio Latency	Configurable Dante® device latency (2, 3, 4, 5, or 10 ms via Dante® Controller)

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Frequency Response	20 Hz to 20 kHz
Audio Signal-to-Noise Ratio (S/N)	?100" dB"
Audio THD+N	?0.1%
Transmission Distance	100 m / 328 ft (CAT6/6A/7)
Auxiliary Connections	1x SERVICE (USB-C port, 12-pin female for firmware update), 1x DC 12V (2-pin 3.5 mm Phoenix connector)
Power Supply	DC 12V/1A or PoE IEEE 802.3af Class 0
Power Consumption	1.8 W Max
Housing Material	Plastic panel + Aluminum alloy frame + Iron chassis
Color	White panel + Silver chassis
Included Accessories	1x Surface-mount plastic wall box, 1x Decorative panel, 1x 2pin-3.5mm Phoenix male connector, 1x user manual
Device Dimensions (W x D x H)	85×40×85" mm" / 3.35×1.57×3.35" in"
Included Plastic Wall Box Dimensions (W x D x H)	83×52×83" mm" / 3.27×2.05×3.27" in"
Weight	0.145kg / 0.32lbs

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