SONIX PBT2

2-CH BLUETOOTH TO DANTE® DIGITAL CONVERTER

The Dante® 2CH Bluetooth Converter (Model: SoniX PBT2) is a compact, high-performance audio converter engineered to bridge consumer and professional wireless Bluetooth sources directly into IP-based digital audio networks.

Powered by the reliable Dante® Ultimo 2x2 platform, this unit converts two-channel Bluetooth audio into uncompressed Dante® digital audio streams, distributing low-latency audio across standard CAT networks. Designed with versatility in mind for both fixed architectural installations (conference rooms, hospitality, educational spaces) and live/rental sound reinforcement (DJ setups, temporary events, stage monitoring), it features dual power options via Power over Ethernet (PoE Class 0 IEEE802.3af) or local USB-C (5V/500mA).

Supporting advanced high-resolution codecs including aptX™, aptX™ HD, aptX™ Low Latency, and AAC, the adapter ensures high-fidelity wireless integration with maximum routing flexibility via Dante® Controller software.

SONIX PBT2

SoniX-PBT2-Front.jpg

Bluetooth USB Type-C Dante™ Digital Audio

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

SONIX PBT2

2-CH BLUETOOTH TO DANTE® DIGITAL CONVERTER

PRODUCT DETAILS

KEY FEATURES

Seamless Wireless Integration: Converts 2-channel Bluetooth V5.1 audio directly into Dante® digital audio networks for effortless wireless playback.

High-Resolution Audio Codecs: Broad support for advanced codecs including SBC, AAC, aptX™, aptX™ Low Latency, and aptX™ HD up to 192kHz/24-bit input resolution.

Flexible Powering Options: Supports Power over Ethernet (PoE IEEE802.3af Class 0) via the RJ45 port or local 5V/500mA power via the USB-C interface.

Configurable Network Latency: Adjustable Dante® device latency settings (1ms, 2ms, or 5ms) via Dante® Controller to optimize system synchronization.

Lightweight & Portable Design: Extremely lightweight (93g) and compact footprint built for seamless integration into rack shelves, under tables, or portable live event racks.

Advanced Control & Security: Supports API serial command management over USB-C, configurable Bluetooth device naming, and discoverability lock features.

SPECIFICATIONS

Input Type	2-Channel Bluetooth Audio (Wireless V5.1)
Output Type	Dante® 2-Channel Digital Audio (RJ45, PoE)
Dante Core Architecture	Dante® Ultimo 2x2
Bluetooth Audio Formats / Codecs	SBC, AAC, aptX™, aptX™-LL, aptX™-HD (Up to 192kHz @ 24-bit)
Dante Audio Output Sampling Rate	48kHz @ 16/24-bit
Dante Audio Latency	Configurable 1ms, 2ms, or 5ms (via Dante® Controller)
Control Method	Dante® Controller Software / USB-C Serial API Commands

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

SONIX PBT2

2-CH BLUETOOTH TO DANTE® DIGITAL CONVERTER

Network Bandwidth	100M
Frequency Response	20Hz to 20kHz (±0dB)
Dynamic Range	>100dB @ 2Vrms, 1kHz (A-weighted)
Signal-to-Noise Ratio (S/N Ratio)	>100dB @ 2Vrms, 1kHz (A-weighted)
Total Harmonic Distortion + Noise (THD+N)	<0.01% @ 0dBV, 1kHz
Max Transmission Distance	328ft / 100m over CAT6/6A/7 cables
ESD Protection	IEC 61000-4-2: ±8kV (Air-gap discharge) & ±4kV (Contact discharge)
Input Ports	1x Bluetooth Wireless Input, 1x POWER (USB-C 12-pin female, 5V/500mA / FW update)
Output Ports	1x DANTE (RJ45 female connector, PoE PD supported)
Hardware Control & Status	1x PAIR Button, 1x RESET Button, 1x STATUS LED (Green)
Enclosure Material	Lightweight Plastic Enclosure
Enclosure Color	Black
Dimensions (W x D x H)	115 x 40 x 28 mm (4.53 x 1.57 x 1.10 in)
Weight	93 g (0.21 lbs)
Power Supply	USB Input
Power Consumption	0.65W Max

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