

iTrans DB44

4x3 Dante/AES67 Wall Plate with Bluetooth (EU/UK 2-Gang & US)



Dante / AES67	BT 5.3	PoE
4x3 NETWORK AUDIO	BLUETOOTH WIRELESS INPUT	IEEE 802.3af POWERED

OVERVIEW

The iTrans DB44 is a professional 4x3 Dante/AES67 wall plate with Bluetooth wireless audio input. It provides stereo Bluetooth audio input, 3.5 mm and RCA jacks for analog line-level inputs, and transfers uncompressed audio over standard Ethernet networks with near-zero latency to a matching 3.5 mm/RCA analog output.

The wall plate is powered by PoE (IEEE 802.3af) and is controllable via Web-UI, Dante Controller, Dante Director software, or a Telnet API for third-party control system integration. It is available in an EU/UK 2-in-1 2-Gang wall plate version (iTrans DB44-EUK) and a US wall plate version (iTrans DB44-US); both share identical audio and network specifications.

KEY FEATURES

- **Dante 4x3 Wall Panel with Bluetooth** — combines Dante/AES67 networked audio with a Bluetooth wireless input on a single wall plate
- **One-Key Pairing** — front-panel pairing button with back-lit status indication
- **Bluetooth 5.3** — backward compliant with Bluetooth 4.0/2.1+EDR, unobstructed range up to 20 m
- **Compatible with iOS and Android** — pairs with smartphones, Apple iPads, and Android tablets
- **Triple Control Path** — controllable via Web-UI, Dante Controller, or Dante Director software
- **Telnet API** — full command set for gain, volume, mute, presets, and Bluetooth AVRCP transport control
- **PoE Powered** — powered directly by the network switch via IEEE 802.3af, no local power adapter required
- **EU/UK and US Versions** — EUK model is a 2-in-1 2-Gang wall plate for EU and UK back-boxes; US model matches US Decora-style wall plates

SPECIFICATIONS

TECHNICAL	
Gain	0 dB
Volume	Input: -12 ~ +18 dB, 6 dB per step Output: -60 ~ 0 dB, 1 dB per step
Max Level	Input: +12 dBu @ 0 dB input gain Output: +12 dBu @ 0 dB output gain
S/N Ratio	> 90 dB @ Max Level (A-weighted)
Output Noise	< -79 dBu @ 0 dB gain (A-weighted)
THD	< 0.05% at 0 dBu, 1 kHz, 0 dB gain (A-weighted)
Sample Rate	44.1 kHz or 48 kHz

Bluetooth	Bluetooth 5.3, backward compliant with V5.0/4.0/2.1+EDR; unobstructed range up to 20 m
CONNECTIONS	
Audio Input	(1) L+R unbalanced analog audio, (1) 3.5 mm unbalanced analog audio
Input Connector	(2) RCA jack, (1) 3.5 mm mini jack
Audio Output	(1) L+R unbalanced analog audio, (1) 3.5 mm unbalanced analog audio
Output Connector	(2) RCA jack, (1) 3.5 mm mini jack
Network	(1) RJ45, Dante®/AES67 Ethernet interface
Control	Web-UI and Dante control, (1) Bluetooth pairing button
API	Telnet, port 4001 — input gain, output volume, mute, presets, Bluetooth AVRCP transport control
MECHANICAL	
Housing	Metal enclosure
Form Factor	iTrans DB44-EUK: EU & UK 2-in-1 2-Gang wall plate iTrans DB44-US: US Decora-style wall plate
Dimensions	104.5 x 89.0 x 43.7 mm
Weight	265 g
POWER	
Power Supply	PoE (IEEE 802.3af)
Power Consumption	4.22 W (Max)
ENVIRONMENTAL	
Operating Temperature	-5°C ~ +55°C (23°F ~ 131°F)
Storage Temperature	-25°C ~ +70°C (-13°F ~ 158°F)
Relative Humidity	90% RH or less (no condensation)

COMPLIANCE

Certifications	FCC Class B, CE
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APPLICATION EXAMPLE

Typical conference room deployment: Bluetooth handset audio and networked Dante microphones/speakers routed through the iTrans DB44 wall plate.

In a typical meeting room deployment, the iTrans DB44 wall plate bridges a personal Bluetooth device (phone or tablet) with a Dante-networked audio system. Meeting participants pair their phone to the wall plate for a conference call, while Dante microphones and speakers elsewhere in the room carry the room audio over the same Ethernet infrastructure.

- A Dante-networked microphone captures room audio and sends it over CAT cable to the network switch.
- The iTrans DB44 receives the Dante microphone feed and mixes it with the paired Bluetooth call audio.
- Dante-networked speakers connected to the same switch reproduce the combined program audio in the room.
- The wall plate is powered by PoE directly from the network switch — no local power adapter is required.
- Meeting participants press the front-panel pairing button to connect a new Bluetooth source at any time.

ORDERING INFORMATION

Model	Description
iTrans DB44-EUK	4x3 Dante/AES67 wall plate with Bluetooth — EU & UK 2-Gang version
iTrans DB44-US	4x3 Dante/AES67 wall plate with Bluetooth — US wall plate version

Specifications are subject to change without notice. For the latest product information, visit www.infobitav.com or contact your Infobit AV representative.