

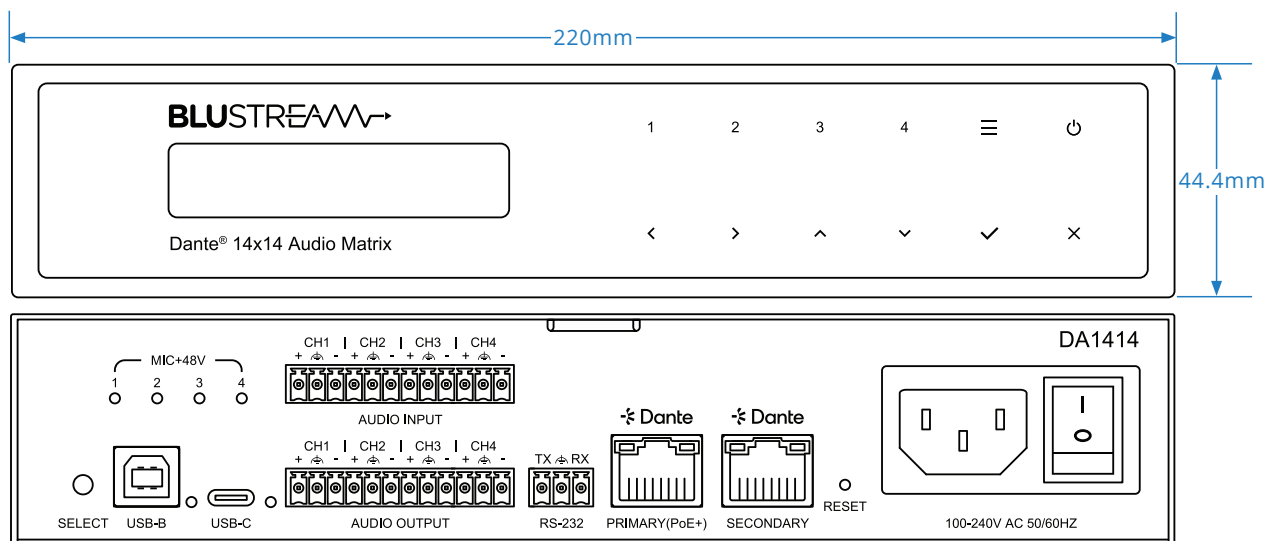
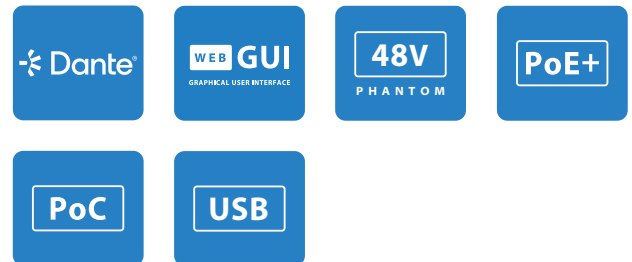
14x14 Audio Matrix with Dante® and USB

Description

The DA1414 is a sophisticated PoE powered audio matrix designed for efficient distribution of multiple audio sources across a multi-zone setup. It offers advanced audio processing features such as independent routing of mono audio signals, volume control, balance adjustments, up to 8-band parametric equalizer including high/low shelf and high/low pass filtering on the input and output stages

Equipped with 8x Dante, 4x balanced/unbalanced analogue, and 2x USB audio inputs, it supports output to 8x Dante, 4x balanced/unbalanced analogue, and 2x USB channels. The system includes API switching functionality, allowing users to route Dante channels via third-party control platforms, bypassing Dante Controller or Domain Manager. The analogue inputs also feature selectable 48V phantom power for microphone or line-level connections. Additionally, USB-C / USB-B connectivity options ensure maximum flexibility, catering to diverse system designs.

The DA1414 offers an advanced yet cost-effective solution for seamlessly routing and controlling audio signals within both commercial and residential environments, regardless of the source type.



Key Features

- 14 x 14 audio Matrix with Dante®, balanced / unbalanced analogue and USB audio
- Supports separation (mono) of all audio channels and independent control resulting in switching of up to 14x14 audio feeds
- Analogue audio inputs support both balanced and unbalanced audio + MIC line level signals
- MIC line level supports 48V/0.5mA Phantom power
- Selectable USB audio between USB-C and USB Type-B inputs with USB audio class 2.0 support
- Supports: volume, balance and up to 8 band parametric equaliser control with high/low shelf and high/low pass filter, per input and output
- Supports 48kHz 24-bit sampling rate for A/D and D/A conversion
- Supports 44.1, 48 & 96 KHz sample rates @ 24 Bit
- Configurable Dante® device latency (supports 2, 3, 4, 5 or 10ms configurable using Dante® Controller)
- Features 2x Dante® LAN ports supporting network redundancy
- Supports AES67 RTP audio transport
- Supports power via PoE+ (Class 4 IEEE 802.3at) on Dante® Primary LAN connection or local power supply
- Control via front panel, RS-232, TCP/IP and web-GUI
- 1U design for 19" rack mount integration - Rack mounting kit included

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Specifications

- **Casing Dimensions (W x D x H):** 220mm x 213.2mm x 44.4mm
- **Dimensions Including Connections (W x D x H):** 220mm x 214mm x 45mm
- **Shipping Weight:** 3.5kg
- **Operating Temperature:** 32°F to 104°F (0°C to 40°C)
- **Storage Temperature :** -4°F to 140°F (-20°C to 60°C)
- **Power Supply:** Internal 110-250V AC

Connectivity

- **Audio Input Connectors:** 2x RJ45, female (1Gb Dante™ Primary/Secondary network), 12-PIN Phoenix connector (4CH balanced/unbalanced analogue audio/MIC), USB-B, USB-C
- **Audio Output Connectors:** 2x RJ45, female (1Gb Dante™ Primary/Secondary network), 12-PIN Phoenix connector (4CH balanced/unbalanced analogue audio/MIC), USB-B, USB-C
- **RS-232 serial port:** 1 x 3-Pin Phoenix connector
- **TCP/IP Control:** 2 x RJ45, female (1Gb Dante™ Primary/Secondary network)

Package Contents

1 x DA1414
9 x 3 pin 3.5mm pitch Phoenix Connector
1 x 19" Rack Mounting Kit
4 x Mounting Feet
1 x Quick Reference Card
IEC Power Cable(s)

Regulatory Compliance



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