

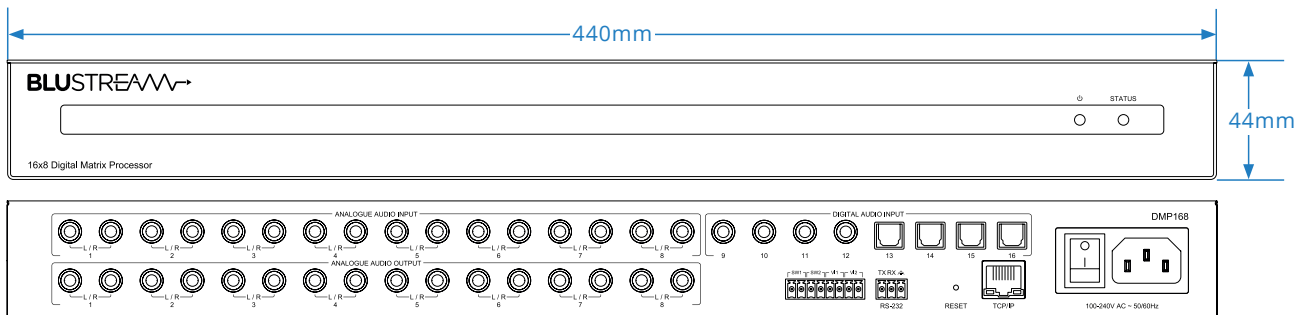
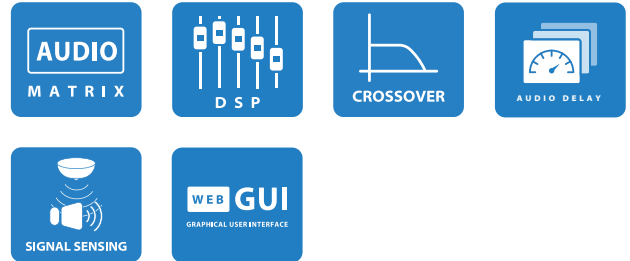
## 16x8 Digital Matrix Processor

### Description

The Blustream DMP168 is an advanced 16x8 digital audio matrix, perfect for the distribution of multiple audio sources in a multi-zone installation.

The DMP168 features advanced audio processing including volume, balance, high/low shelf, high/low pass filter and 4 band parametric equalizer control per input and output, independent lip-sync delay per input, stereo to mono separation, or combining of mono audio inputs, configurable output grouping, and assignable audio ducking.

The DMP168 provides an advanced, but cost effective solution for ensuring that 2ch audio can be distributed around a multi-room system where there are a mixture of digital and analogue audio sources.



### Key Features

- Features 8 x analogue L/R inputs, 4 x digital coaxial inputs, and 4 x digital optical inputs which can be switched to 8 x analogue L/R outputs
- Supports separation (mono) of all audio channels and independent control resulting in switching of up to 32x16 audio feeds
- Supports: volume, balance, high/low shelf, high/low pass filter, and 4 band parametric equalizer control per input and output
- Supports independent gain adjustment for all analogue and digital inputs
- Features 8 x assignable bus inputs allowing mixing of source inputs
- Features output grouping to combine audio outputs for a single group control. Combining the output grouping feature with high/low pass filter results in up to 4 x 2.1ch audio outputs
- Features assignable audio ducking with independent level and ramp up/down rate adjustment
- Features 8x configurable presets
- Supports 48kHz 24-bit sampling rate for A/D and D/A conversion
- Digital audio inputs support resolutions up to 192kHz 24-bit
- Supports independent lip-sync delay (0-500ms) per output
- Features input audio sensing, 2 x contact closures and 2 x trigger inputs allowing programmable events based on the presence of audio, NO/NC connections, and/or voltage between 2-15V AC or DC voltage
- Supports control via web-GUI, RS-232, TCP/IP and IR
- 1U design for 19" rack mount integration - rack mounting kit included

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## Specifications

- **Rack-Mountable:** 1U rack height, rack ears included
- **Casing Dimensions (W x D x H):** 440mm x 226mm x 44mm
- **Dimensions Including Connections & Feet (W x D x H):** 440mm x 235mm x 51mm
- **Shipping Weight:** TBC
- **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 100-240V AC

## Connectivity

- **Audio Input Connectors:** 8 x Analogue RCA (Left / Right), 4 x Optical (S/PDIF), 4 x Digital RCA (S/PDIF)
- **Audio Output Connectors:** 8 x Analogue RCA (Left / Right)
- **RS-232 serial port:** 1 x 3-Pin Phoenix connector
- **TCP/IP Control:** 1 x RJ45, female
- **Control port:** 4 x 2-Pin Phoenix connector

## Package Contents

- 1 x DMP168
- 1 x IR Receiver
- 1 x 19" Rack Mounting Kit
- 4 x Mounting Feet
- 1 x Quick Reference Card
- 1 x IEC Power Cable

## Regulatory Compliance



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