

Down Mixing DAC 2-Way HDMI Splitter & Scaler

Description

The Blustream HD12DB has been designed to convert and downmix embedded 5.1ch Dolby Audio or DTS Audio within a HDMI signal into a stereo 2ch signal available on HDMI, optical and analogue audio outputs. The HD12DB features a HDMI loop out to pass the original video and multi-channel embedded audio signal to compatible equipment, with a second HDMI output featuring video scaling of up to 4K 60Hz 4:4:4 video to various lower resolution video formats. This provides the perfect cost effective solution for ensuring that 4K UHD video and multi-channel audio can be distributed around a multi-room system where there are a mixture of 2ch and 5.1ch zones with multiple output resolution requirements.

Key Features

- Features an in-built DAC (Digital to Analogue audio Converter) that converts 5.1ch Dolby Audio or DTS Audio to a stereo 2ch signal available on HDMI, optical and analogue audio outputs concurrently
- Supports the following audio input formats: Dolby 5.1, DTS-ES 6.1, DD+5.1, DD+2.0, PCM 5.1, PCM 2.0*
- Features 1 x HDMI input supporting 4K UHD video (4K 60Hz 4:4:4) that is replicated to 2 x HDMI outputs
- HDMI loop out will replicate the HDMI input signal up to 4K 60Hz 4:4:4 and 5.1 Dolby Audio & DTS Audio
- HDMI output 1 features a video scaler allowing the output resolution to be set to the following formats:
 - 3840x2160@60Hz
 - 3840x2160@50Hz
 - 3840x2160@30Hz
 - 3840x2160@25Hz
 - 4K DCI@25Hz 4:4:4

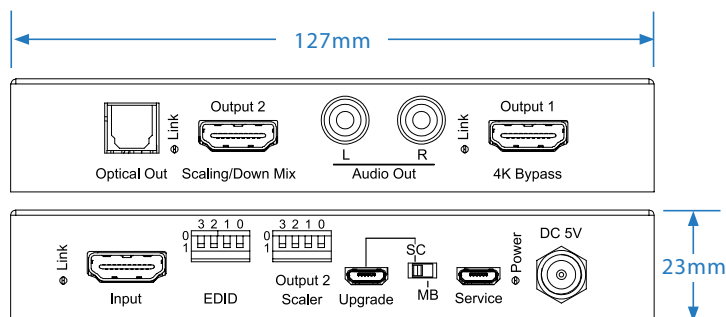


- 4K DCI@30Hz 4:4:4
- 4K DCI@50Hz 4:4:4
- 4K DCI@60Hz 4:4:4
- 1920x1080@60Hz
- 1920x1080@50Hz
- 1280x720@60Hz
- 1280x720@50Hz
- 1920x1200@60Hz
- 1680x1050@60Hz
- 1024x768@60Hz

- HDMI audio breakout to downmixed analogue L/R audio and downmixed optical digital outputs concurrently
 - HDCP 2.2 compliant with advanced EDID management
- * This product does not support decoding of DTS CD bitstreams
Playback of this format may produce undesirable noise.*

Specifications

- **Video Input Connectors:** 1 x HDMI Type A, 19-pin, female
- **Video Output Connectors:** 2 x HDMI Type A, 19-pin, female
- **Audio Output Connectors:** 1 x Optical (Toslink), 2 x RCA analogue left / right
- **EDID:** 4-PIN DIP switch
- **Resolution:** 4-PIN DIP switch
- **Product Upgrade:** 2 x Micro USB female
- **Dimensions (W x H x D):** 127mm x 23mm x 104mm, without feet
- **Shipping Weight:** 1.0kg
- **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:** 5V/3A DC



Included Accessories

Rack Mount	1 x Mounting Kit
Power Supply	5V/3A DC PSU

Regulatory Compliance



Blustream cannot be held responsible for errors in typography or photography. Specifications are subject to change without notice.