

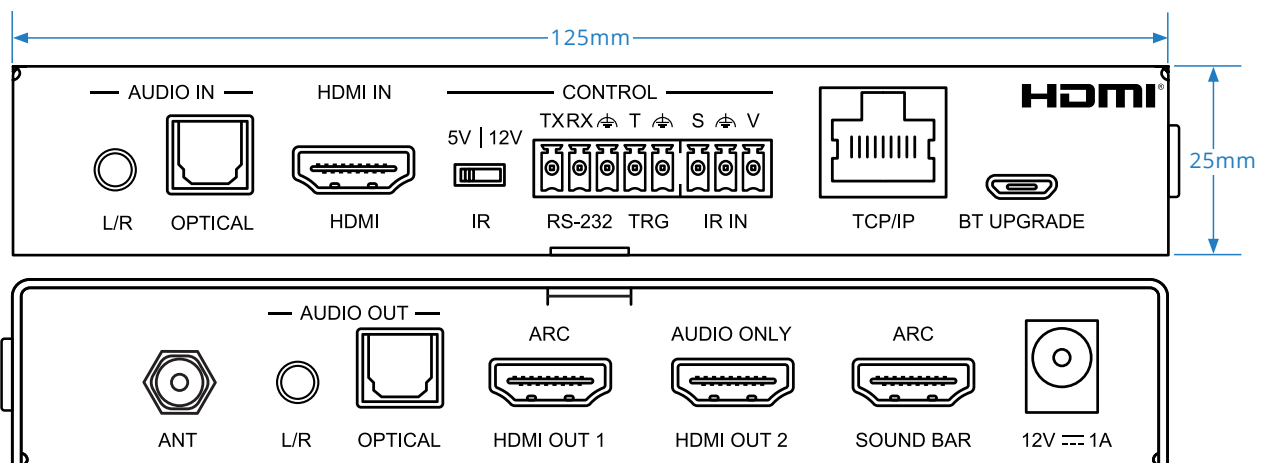
HDMI Bluetooth Audio Extractor & Embedder

Description

The Blustream BLUARC is a multi-format audio switching device designed to embed or de-embed, and route audio between different audio source and sink devices where HDMI video is being distributed.

This multi-input audio switch supports HDMI embedded audio, external L/R analogue audio, optical digital audio, Bluetooth audio and HDMI ARC audio inputs, distributed to different audio devices via Bluetooth, HDMI output, HDMI audio only, HDMI ARC (i.e. soundbar), optical digital audio, and L/R analogue audio outputs.

The multiple audio routing options make the BLUARC suitable for both residential and commercial applications where Bluetooth connectivity is required.



Key Features

- Supports HDMI2.0b 18Gbps 4K UHD 60Hz 4:4:4 pass-through including HDR
- Supports all industry standard video resolutions including VGA-WUXGA and 480i-4K
- Supports pass-through of all known HDMI audio formats including Dolby Atmos, Dolby TrueHD, Dolby Digital Plus and DTS-HD Master Audio transmission
- HDMI audio breakout to Bluetooth audio (2ch PCM), HDMI output, HDMI audio only output, HDMI soundbar output, analogue L/R audio (2ch PCM) and optical digital outputs concurrently (up to LPCM/Dolby/DTS 5.1ch)
- HDMI ARC (Audio Return Channel) to Bluetooth audio (2ch PCM), HDMI audio only output, HDMI soundbar output, analogue L/R audio (2ch PCM) and optical digital outputs concurrently (up to LPCM/Dolby/DTS 5.1ch)
- Analogue L/R and optical digital audio embedding
- Analogue L/R and optical digital audio de-embedding
- Bluetooth audio types supported including APTX, APTX-LL etc
- Bluetooth 5.0 output and L/R output support volume adjustment
- Bluetooth 5.0 specification supporting SBC/MP3/AAC/APTX-X / APTX-LL/APTX-HD, 44.1K-48KHz 16/24Bit 2ch only
- Control via front panel, IR, RS-232, TCP/IP, Web-GUI, GPIO, & CEC
- Supplied with Blustream 5V IR receiver
- 3rd party drivers available for all major control brands
- HDCP2.3 compliant with advanced EDID management

Please note: when 2x Bluetooth devices are connected that Bluetooth codec type will be SBC format'

Please note: audio performance and latency is subject to Bluetooth connected devices/audio codec compatibility and audio from source device. When a Bluetooth Low Latency codec is being used (APTX-LL), the number of connections is limited to one Bluetooth receiving device.

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Specifications

- Dimensions (W x D x H): 125mm x 147mm x 25mm
- Shipping Weight: 0.6kg
- 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: 12V/1A DC, screw connector

Package Contents

- 1 x BLUARC
- 1 x IR Receiver
- 1 x 3-pin Phoenix Connector
- 1 x 5-pin Phoenix Connector
- 1 x IR Remote Control
- 1 x Bluetooth Antenna
- 1 x Mounting Kit
- 1 x Quick Reference Guide
- 1 x 12V/1A Power Supply

Connectivity

- Video Input Connectors: 1 x HDMI Type A, 19-pin, female
- Video Output Connectors: 3 x HDMI Type A, 19-pin, female
- Audio Input Connectors: 1 x Optical (S/PDIF), 1 x analogue L/R (3.5mm stereo jack)
- Audio Output Connectors: 1 x Optical (S/PDIF), 1 x analogue L/R (3.5mm stereo jack)
- Network Connectors: 1 x Ethernet connection (RJ45)
- Bluetooth Antennae: 1 x SMA connector
- RS-232 & I/O Connectors: 1 x 5-Pin Phoenix connector
- IR Input Connectors: 1 x 3-Pin Phoenix connector
- Firmware Upgrade: 1 x Micro-USB UART port

Regulatory Compliance



CAN ICES-003(B) / NMB-003(B)

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