

4x4 HDBaseT™ ARC Matrix Kit

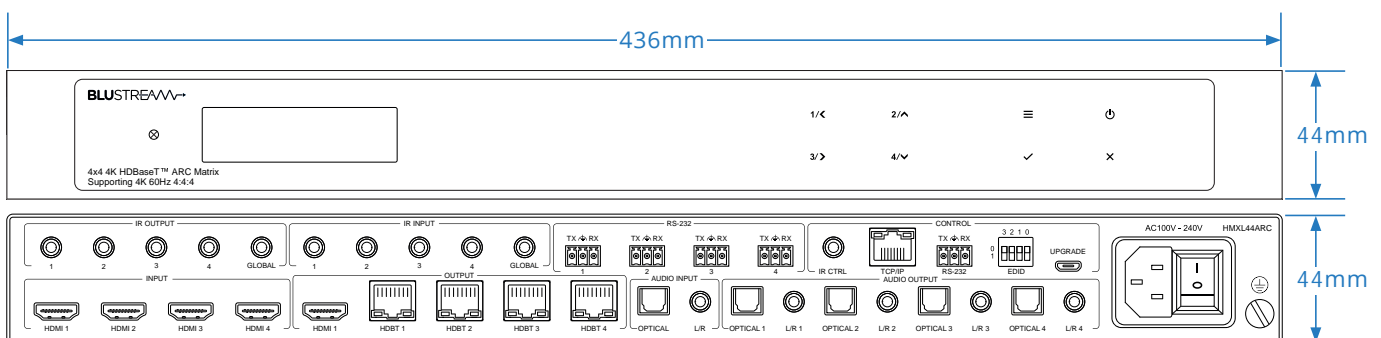
Description

Our Essential 4x4 HDBaseT™ Matrix offers unprecedented performance and value for the custom installation market. The HMXL44ARC is a HDMI 2.0 4K 60Hz 4:4:4 HDCP 2.2 Matrix package utilising CSC technology to deliver HDMI, Bi-directional IR and PoC up to lengths of 70m at 1080p over a single CAT cable.

The matrix also provides advanced features including simultaneous HDBaseT™ / HDMI on output 1, video down conversion on HDBaseT™ outputs and independent 14x4 audio Matrix including Audio Return Channel (ARC).

The HMXL44ARC includes in-built web browser interface module for control and configuration of the Matrix, along with RS-232 and IR pass-through for seamless 3rd party control integration.

The HMXL44ARC-KIT is supplied with 4 x RX70CS receivers.



Key Features

- Advanced HDBaseT™ technology offering distribution of video and audio over a single CAT cable
- Advanced Colour Space Conversion (CSC) supports HDMI 2.0 18Gbps specification including HDR
- Features 4 x HDMI inputs which can be independently routed to 4 x HDBaseT™ outputs
- Output 1 features simultaneous HDMI and HDBaseT™ output
- Video down-conversion on HDBaseT™ outputs allowing a display only capable of supporting lower video resolutions (4K 60Hz 4:2:0, or 1080p) to receive 4K 60Hz 4:4:4 video content, while still showing maximum original 4K UHD resolution on remaining video outputs
- Supports 4K 60Hz 4:4:4 UHD video up to 40m, and 1080p video up to 70m
- Supports all known HDMI audio formats including Dolby TrueHD, Dolby Atmos, Dolby Digital Plus and DTS-HD Master Audio transmission
- Web interface module for control and configuration of matrix
- Supports bi-directional IR and RS-232 on all HDBaseT™ outputs
- Control via front panel, IR, iOS / Android App, RS-232 and TCP/IP
- Supports PoC (Power over Cable) to power the supplied 4x RX70CS HDBaseT™ receivers
- Supplied with Blustream IR receivers and emitters
- Advanced EDID management and HDCP 2.2 compliant
- 14x4 Audio Matrix independently controllable from video. Audio source inputs include:
 - 4 x audio breakout from HDMI source inputs
 - 4 x audio breakout from zone outputs
 - 4 x ARC from zone outputs
 - 1 x Optical and 1 x analogue audio input

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Specifications - HMXL44ARC Matrix

- Video Input Connectors: 4 x HDMI Type A, 19-pin, female
- Video Output Connectors: 1 x HDMI Type A, 19-pin, female, 4 x HDBaseT™ RJ45 connectors
- Audio Input Connectors: 1 x Analogue audio L/R (3.5mm stereo Jack), 1 x Optical (S/PDIF)
- Audio Output Connectors: 4 x Analogue audio L/R (3.5mm stereo Jack), 4 x Optical (S/PDIF)
- RS-232 Serial Port: 5 x 3-pin Phoenix connector
- IR Input Ports: 5 x 3.5mm stereo jack
- IR Output Ports: 5 x 3.5mm mono jack] Rack Mountable: 1U rack height, rack ears included
- Casing Dimensions (W x H x D): 436mm x 43mm x 300mm (without feet)

Specifications - HMXL44ARC-KIT

- Shipping Weight: 3.35kg
- Operating Temperature: 23°F to 122°F (-5°C to +50°C)
- Storage Temperature: -13°F to 158°F (-25°C to +70°C)
- Power Supply (HMXL44ARC): Internal 100-240V AC
- Power Supply (RX70CS): 12V/1A DC, screw type connector (not included)
- HDBT Power Output: 24V DC 0.75A per port

Specifications - RX70CS Receiver

- Video Input Connectors: 1 x HDBaseT™ RJ45 connector
- Video Output Connectors: 1 x HDMI Type A, female
- RS232 Input Port: 1 x 3-pin Phoenix connector
- IR Input Port: 1 x 3.5mm stereo jack
- IR Output Port: 1 x 3.5mm mono jack
- Mounting Kit included
- Casing Dimensions (W x H x D): 140 x 84 x 18mm
- Dimensions Including Connections (W x H x D): 140 x 98 x 18mm

Included Accessories

Receivers	4 x RX70CS
Mounts	4 x Receiver Bracket Sets 1 x Rack Mounting Kit
Controller	1 x Remote Control
Cables	4 x IR Emitters 5 x IR Receivers 1 x Serial Cable - DB9 to 3-pin Phoenix 1 x IR Control Cable IEC Power Cable(s)

Regulatory Compliance



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