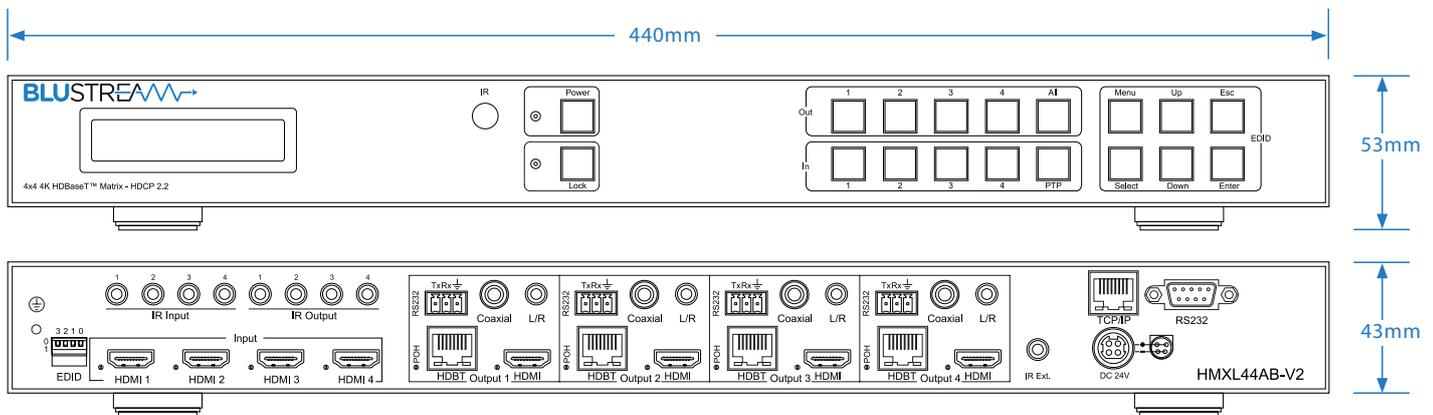
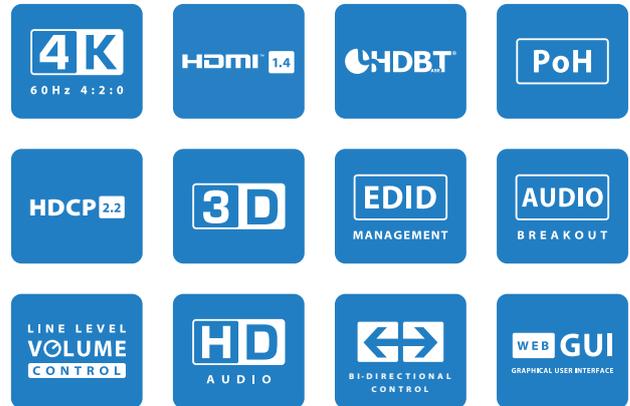


## 4x4 HDBaseT™ Matrix Kit

### Description

Our Essential 4x4 HDBaseT™ Matrix offers unprecedented performance and value for the custom installation market. The HMXL44-KIT-V2 is a 4K HDCP 2.2 matrix package, delivering HDMI, Bi-directional IR and PoH (Power over HDBaseT™) up to lengths of 70m over a single CAT cable. The matrix also provides advanced features including Audio breakout with pre-amp variable line-level control, simultaneous HDBaseT™ / HDMI outputs, RS-232 pass through to enable 3rd party control of displays and a web browser interface module for control and configuration of the matrix. The HMXL44-KIT-V2 is supplied with 4 x HEX70ED Receivers.



### Key Features

- Advanced HDBaseT™ technology offering uncompressed video and audio with zero latency
- Features 4 x HDMI inputs which can be independently routed to 4 x HDBaseT™ / HDMI outputs
- Simultaneous HDBaseT™ and HDMI outputs to allow connection to dual displays per zone
- HDMI audio breakout to associated Digital Coax, and analogue L/R audio outputs with pre-amp line level volume control
- Extends HDMI up to a distance of 70m over single CAT cable
- Supports 4K UHD video up to 40m (3840 x 2160 @30Hz 4:4:4, 4096 x 2160 @24Hz 4:4:4, and 4K @60Hz 4:2:0)
- Supports all industry standard video resolutions including VGA-WUXGA and 480i-4K
- Supports 3D signal display
- 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 (instructions available in Drivers & Protocols section)
- Bi-directional IR from all input and output locations
- Bi-directional RS-232 from all input and output locations
- Supplied with Blustream IR receivers and emitters
- Control via front panel, IR, RS-232 and TCP/IP
- Supports PoH (Power over HDBaseT™) to power compatible HDBaseT™ Receivers
- 3rd Party drivers available for major control brands
- Advanced EDID management
- HDCP 2.2 compliant
- Matrix kit is supplied with 4 x HEX70ED-RX HDBaseT™ Receivers
- 1U Design for 19" rack mount integration - mounting kit included

### Transmission Distance via Cat6



- 4K 60Hz 4:2:0
- 1080p



## Connectivity

- **Video Input Connectors:** 4 x HDMI Type A, 19-pin, female
- **Video Output Connectors:** 4 x HDMI Type A, 19-pin, female, 4 x HDBaseT™ RJ45 connector
- **Audio Output Connectors:** 4 x 3.5mm stereo jack
- **RS-232 serial port:** 1 x DB-9, female, 4 x 3-pin Phoenix sockets for each zone (DB-9 serial to Phoenix connector cables supplied)
- **TCP/IP Control:** 1 x RJ45, female
- **IR Input ports:** 5 x 3.5mm stereo jack
- **IR Output ports:** 4 x 3.5mm mono jack

## Specifications

- **Dimensions (W x D x H):** 440mm x 235mm x 43mm
- **Shipping Weight:** 8kg
- **Operating Temperature:** 32°F to 104°F (0°C to 40°C)
- **Storage Temperature :** -4°F to 140°F (-20°C to 60°C)
- **Rack-Mountable:** 1U rack height, rack ears included

## Included Accessories

HDBaseT Receiver	4 x HEX70ED-RX
IR Accessories	5 x IRR, 4 x IRE, 4 x IR-CAB
IR Remote	1 x REM44
Rack Mount	2 x 19" Wings
Power Supply	24V/3.5A DC - 4-PIN DIN

## Control

TCP/IP
RS-232
iOS / Android App
IR
Front Panel

## RS-232 Connectivity

Baud Rate:	57600
Data Bit:	8-Bit
Parity:	None
Stop Bit:	1-Bit
Flow Control:	None

## Regulatory Compliance



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