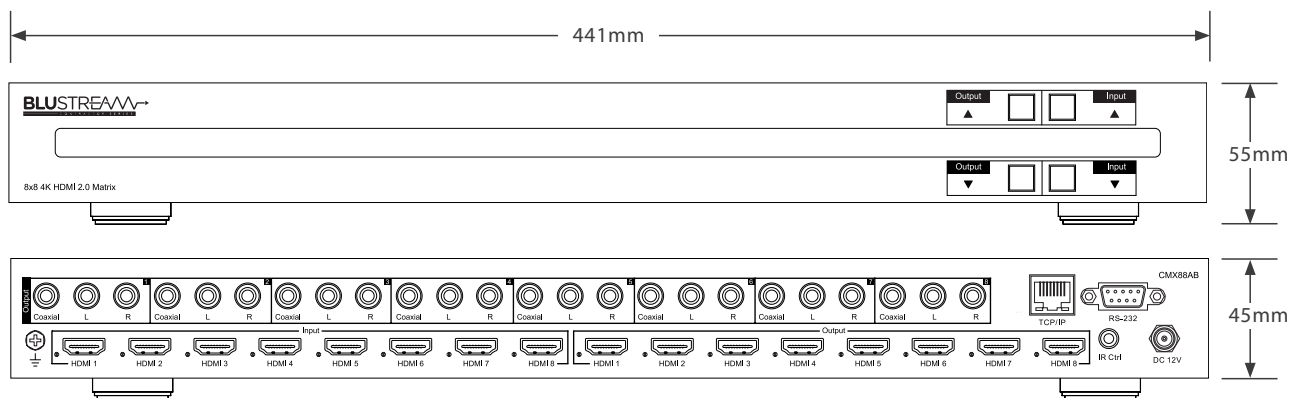## Contractor 8x8 HDMI 2.0 Matrix

Description

Our Contractor CMX88AB 4K HDMI Matrix offers unprecedented performance and value for the custom installation market. The CMX88AB supports HDMI 2.0 with HDCP 2.2, allowing distribution of eight HDMI sources to eight displays. This enables all sources to be viewed as required within a matrix configuration. The unit transmits all HDMI resolutions up to and including 4K 60Hz 4:4:4. The 8-Way matrix also includes audio breakout, EDID management and a web browser interface module for control and configuration of the matrix.

| 4K 60Hz 4:4:4 | HDMI 2.0 | HDCP 2.2 | HDR |
| dHDR | EDID MANAGEMENT | AUDIO BREAKOUT | HD AUDIO |

Key Features

- Features 8 x HDMI inputs which can be independently routed to 8 x HDMI outputs
- Supports HDMI 2.0 18Gbps specification including HDR
- Supports up to 4K UHD 60Hz 4:4:4
- Independent video down conversion on all HDMI outputs allowing for displays only capable of supporting lower 4K video resolutions (4K 60Hz 4:2:0) to receive native 4K 60Hz 4:4:4 video content while still showing maximum original 4K UHD resolution on remaining video outputs
- Supports all industry standard video resolutions including VGA-WUXGA and 480i-4K

- Supports all known digital HDMI audio formats including Dolby TrueHD, Atmos; DTS-HD Master Audio and DTS:X transmissions
- HDMI audio breakout to associated output analogue L/R audio and coaxial digital outputs concurrently
- Web interface module for control and configuration of Matrix
- Control via front panel, IR, RS-232 and TCP/IP
- 3rd Party drivers available for major control brands
- Advanced EDID management
- HDCP 2.2 compliant

Connectivity

- **Video Input Connectors:** 8 x HDMI Type A, 19-pin, female, locking
- **Video Output Connectors:** 8 x HDMI Type A, 19-pin, female, locking
- **Audio Output Connectors:** 8 x RCA (S/PDIF), 8 x Analogue RCA (Left / Right)
- **TCP/IP Control:** 1 x RJ45, female
- **RS-232 Serial Port:** DB-9, female
- **IR Input Ports:** 1 x 3.5mm stereo jack

Specifications

- **Dimensions (W x D x H):** 441mm x 226mm x 45mm
- **Shipping Weight:** 3.5kg
- **Operating Temperature:** 32°F to 104°F (0°C to 40°C)
- **Storage Temperature :** -4°F to 140°F (-20°C to 60°C)

Included Accessories

IR Accessories	1 x IRE, 1 x IRR
IR Remote	1 x REM88
Rack Mount	2 x 19" Wings
Power Supply	12V/3A DC screw connector

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

FC CE RoHS Compliant CAN ICES-3 (B)/NMB-3(B)