MX44AVW

BLUSTREAM

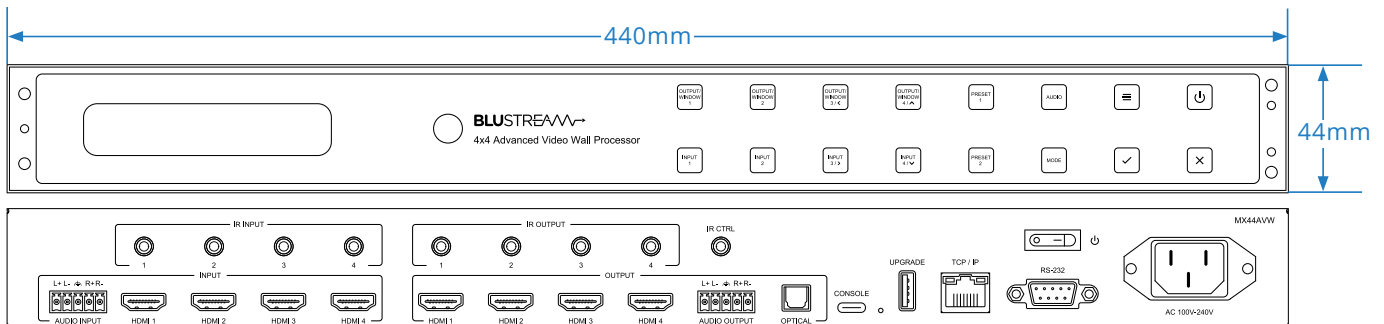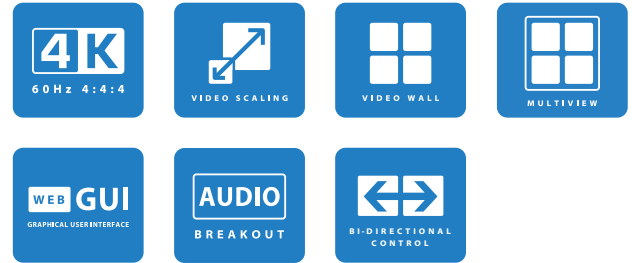## 4x4 Advanced Video Wall Processor

Description

Our MX44AVW is an advanced 4K HDMI 2.0 multi-purpose high-speed video processing system. The MX44AVW can be configured for 3 different output modes:
- 4x4 seamless matrix switcher
- Advanced video wall solution
- Quad multi-view presentation system

The MX44AVW supports advanced video wall configurations, allowing individual overlap and rotation of panels; multiview with pre-defined and customisable layouts using PIP, POP, PBP, and up to 4 window layouts.

The MX44AVW features a web browser interface module for control and configuration of the matrix with additional third party control achievable via the front-panel push buttons, IR remote control, RS-232 interface and TCP/IP. The MX44AVW is designed to achieve artistic video wall configurations within retail and showcase style installations.

4K 60Hz 4:4:4 | VIDEO SCALING | VIDEO WALL | MULTIVIEW

WEB GUI GRAPHICAL USER INTERFACE | **AUDIO** BREAKOUT | BI-DIRECTIONAL CONTROL

440mm

BLUSTREAM
4x4 Advanced Video Wall Processor

OUTPUT WINDOW 1 | OUTPUT WINDOW 2 | OUTPUT WINDOW 3/4 | OUTPUT WINDOW 4/A | PRESET 1 | AUDIO
INPUT 1 | INPUT 2 | INPUT 3/3 | INPUT 4/4 | PRESET 2 | MODE

44mm

IR INPUT 1 2 3 4 | IR OUTPUT 1 2 3 4 | IR CTRL | MX44AVW
INPUT | OUTPUT
L+ L- ⏚ R+ R- | HDMI 1 HDMI 2 HDMI 3 HDMI 4 | HDMI 1 HDMI 2 HDMI 3 HDMI 4 | L+ L- ⏚ R+ R- | UPGRADE | TCP / IP | RS-232
AUDIO INPUT | AUDIO OUTPUT | OPTICAL | CONSOLE | AC 100V-240V

Key Features

- Advanced 4K HDMI 2.0 multi-purpose high-speed video processor supporting matrix, multiview, and video wall function
- Advanced video wall configuration allowing individual overlap and rotation of panels
- Multiview mode supports PIP, PBP, POP, Dual, Triple and Quad-windows layouts with pre-defined and customisable configurations
- Seamless video switching
- Supports HDMI 2.0 4K UHD 60Hz 4:4:4 18Gbps specification including HDR
- Supports all industry standard video resolutions including VGA-WUXGA and 480i-4K

- Supports all known HDMI audio formats including Dolby Atmos, Dolby TrueHD, Dolby Digital Plus and DTS-HD Master Audio transmission
- HDMI audio breakout to analogue L/R audio and optical digital outputs concurrently
- IR routing
- Control via front panel, IR, RS-232, TCP/IP and web-GUI
- Supplied with Blustream 5V IR receiver and remote control
- HDCP2.2 compliant with advanced EDID management

BLUSTREAM | SDVoE ALLIANCE | HDMI HIGH-DEFINITION MULTIMEDIA INTERFACE | HDBT | Dante | Dolby | dts

Specifications

- Casing Dimensions (W x D x H): 440mm x 240mm x 44mm
- Dimensions Including Connections (W x D x H): 440mm x 245mm x 44mm
- Shipping Weight: xxkg TBC
- 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: Internal 100-240V AC
- Rack-Mountable: 1U rack height, rack ears included

Connectivity

- Video Output Connectors: 4 x HDMI Type A, 19-pin
- Audio Input Connectors: 5-Pin Phoenix connector (2ch balanced/un-balanced analogue audio)
- Audio Output Connectors: 1 x Optical (S/PDIF), 5-Pin Phoenix connector (2ch balanced/un-balanced analogue audio)
- Control ports: 1 x DB-9, female
- Console control ports: 1 x USB Type C, female
- 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
- Firmware Upgrade: 1 x USB Type A female

Package Contents

1 x MX44AVW
1 x Remote Control
1 x IR Control Cable - 3.5mm-3.5mm Cable
1 x 19" Rack Mounting kit
4 x Mounting Feet
1 x Quick Reference Card
1 x IEC Power Cable

Regulatory Compliance

CE UKCA FC RoHS Compliant

BLUSTREAM   SDVoE ALLIANCE   HDMI   HDBT   Dante   Dolby   dts