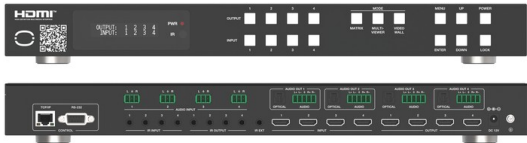


4K60 4x4 Seamless Matrix, Video Wall & Multiviewer Processor

Route Any Source, Build a 2x2 Wall or 12-Layout Multiview from One Chassis — 9 Splicing Modes, RS-232/IP/Web Control

MPN: MMX-4X4VWMV



Consolidates seamless 4x4 matrix routing, a video wall and a multiviewer into one 1U chassis, so a single box does the work that once took three separate devices. Housed in a full-rack-width black metal enclosure drawing just 25W, it routes four HDMI 2.0 sources to four displays at 4K@60Hz 4:4:4 across an 18Gbps path with HDCP 2.2, scaling each source individually and switching without a black-screen or re-sync gap. It is the right choice for mid-market control rooms, retail, hospitality and worship installs where matrix, wall, multiview and audio breakout in one controllable box matter more than a modular chassis-and-card platform.

Video-wall mode offers nine splicing modes with 0–10 bezel compensation, multiviewer mode offers twelve layouts including PIP, dual, triple and quad, and a built-in 4x4 IR matrix carries source control back from the display side. The unit is driven from the front panel, IR remote, RS-232, TCP/IP and a built-in Web GUI, with CEC for display power and advanced EDID management. Its strongest differentiator is a complete dual-format audio stage: four optical S/PDIF and four analog L/R outputs de-embed HDMI source audio to a house amplifier or DSP, while four analog L/R inputs embed a local source onto an HDMI signal, replacing a separate audio de-embedder in the chain.

 4K60 4:4:4 18Gbps HDMI 2.0	 9 Modes Video Wall Splicing	 12 Layouts Multiviewer	 RS-232 / IP / Web Full Control	 Audio Embed & De-Embed
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KEY FEATURES

- 4K@60Hz 4:4:4 at 18Gbps, HDMI 2.0 with HDCP 2.2
- Three modes in one chassis: seamless matrix, video wall and multiviewer
- 9 video-wall splicing modes with 0–10 horizontal and vertical bezel correction
- 12-layout multiviewer including PIP, dual, triple and quad
- Audio de-embedding to 4 optical S/PDIF and 4 analog L/R outputs
- 4 analog L/R inputs for embedding a local source onto HDMI
- Control via RS-232, TCP/IP, Web GUI, IR and front panel, with CEC
- Built-in 4x4 IR matrix and advanced EDID management

SPECIFICATIONS

HDMI / HDCP	HDMI 2.0 · HDCP 2.2 · 18Gbps / 594MHz
Max Resolution	4K@60Hz 4:4:4 · 8/10/12-bit
Video Modes	Seamless matrix · 9-mode wall · 12-layout MV
Color Space	RGB, YCbCr 4:4:4 / 4:2:2 / 4:2:0
HDMI I/O	4 × HDMI in · 4 × HDMI out (Type A)
Audio Out	4 × optical S/PDIF · 4 × analog L/R (5-pin)
Audio In	4 × analog L/R (3-pin Phoenix) for embed
Control	RS-232 · TCP/IP · Web GUI · IR · CEC · panel
IR Matrix	4 × IR in · 4 × IR out · IR EXT, 20K–60KHz
Power	DC 12V/2.5A · 25W max · AC 100–240V
Enclosure	Black metal · 1U full-rack · CE/FCC/RoHS
Dimensions / Weight	17.32 × 7.99 × 1.75 in · 5.62 lbs (2.55 kg)
Package Contents	1x 18Gbps 4x4 seamless matrix · 1x 12V/2.5A locking power adapter · 5x 12V IR wideband receiver cable (1.5 m) · 4x IR blaster cable (1.5 m) · 1x RS-232 serial cable (1.5 m, male-to-female) · 4x 5-pin 3.81mm Phoenix connector · 4x 3-pin 3.81mm Phoenix connector · 8x Machine screw · 2x Mounting ear

APPLICATIONS

 Operations Rooms Matrix, 2x2 wall and multiview	 Sports Bars Per-zone audio to house amps	 Retail & QSR Spliced menu and promo walls	 Corporate Lobbies Multiview of campus feeds	 Houses of Worship Main plus overflow display
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