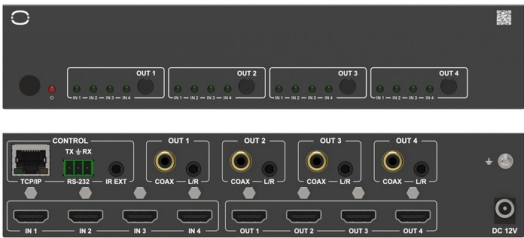


4K60 4:4:4 4x4 HDMI Matrix with Independent Per-Output Scaling

Route One Rack to 4K and Legacy 1080p Screens at Once — Dual Audio De-embedding, ARC & 18Gbps HDR

MPN: MMX-4X4AUD



Routes any of four HDMI 2.0 sources to four displays and scales each output independently, so a 4K60 main and a legacy 1080p overflow screen both run clean from the same box. The matrix ships in a compact metal enclosure — 8.66" wide and 1.73" high, with mounting ears supplied — and draws 10W from a locking 12V/2.5A supply, putting a full 4x4 18Gbps routing and scaling engine on a single shelf. It is the right choice for conference rooms, houses of worship, sports bars and media rooms where mixed-resolution displays and a separate audio zone matter more than paying pro-tier matrix prices.

Every output de-embeds audio to both a 3.5mm analog L/R jack and an RCA coaxial port, and ARC returns a display's audio to the coaxial output — feeding a zone amp, soundbar or DSP without an AVR upgrade. It passes 4K60 4:4:4 at the full 18Gbps with HDR10, HDR10+, Dolby Vision and HLG, carries advanced EDID management, and is controllable over RS-232 or TCP/IP with a built-in Web GUI, IR remote and front panel. Its differentiator is coverage: dual analog-and-coax de-embed with ARC return and independent 4K→1080p scaling on all four outputs, a feature set otherwise found only on matrices costing several times more.

 18Gbps 4K60 4:4:4 HDR	 4K→1080p Per-Output Scaling	 Dual De-embed Analog + Coax, All 4	 ARC Coaxial Return	 4 Controls Panel/RS-232/IR/IP
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KEY FEATURES

- 18Gbps HDMI 2.0, HDCP 2.2/1.4 and DVI 1.0 compliant
- 4K60 4:4:4 with HDR10, HDR10+, Dolby Vision and HLG
- Each of four outputs individually scaled 4K→1080p
- De-embedded audio to analog L/R and coax on all four outputs
- ARC audio return on the coaxial output
- Advanced EDID management for mixed-display handshakes
- Four control methods: front panel, RS-232, IR and TCP/IP Web GUI
- Compact metal enclosure with mounting ears

SPECIFICATIONS

HDMI / HDCP	HDMI 2.0 - HDCP 2.2/1.4 - DVI 1.0
Max Resolution	4K2K@60Hz 4:4:4 - 18Gbps
HDR	HDR10, HDR10+, Dolby Vision, HLG
Output Scaling	Per-output 4K→1080p (Bypass / Auto)
Audio De-embed	Analog L/R + coax (RCA), all 4 outputs
ARC	Return on coaxial output
Coax Audio	PCM 2.0, Dolby Digital/Plus, DTS 2.0/5.1
Connections	4xHDMI in, 4xHDMI out, 4xL/R, 4xcoax
Control	Front panel, RS-232, IR, TCP/IP Web GUI
Power	DC 12V/2.5A locking - 10W max, 1.56W standby
Dimensions / Weight	8.66 × 4.13 × 1.73 in · 1.75 lbs (792 g)
Enclosure	Black metal (220 × 105 × 44 mm)
Package Contents	1x 4x4 HDMI 4K 18Gbps Matrix • 1x 12V/2.5A locking power adapter • 1x IR remote • 2x Mounting ears • 1x 38kHz IR receiver cable (1.5 m) • 1x 3-pin / 3.81mm phoenix connector • 4x Machine screws (KM3x4)

APPLICATIONS

 Boardrooms 4K main plus 1080p overflow	 Houses of Worship IMAG with DSP audio feed	 Sports Bars & QSR Game audio per house zone	 Media Rooms Legacy zone amp via ARC	 Monitoring Walls Scaled feeds to mixed displays
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