

4x4 HDMI 2.0 Matrix Switcher with Independent Analog Audio Outputs

Per-Output DAC Stereo Breakout — WebGUI, Telnet, RS-232, LCD & 14 EDID Modes

MPN: HDMX44A-18G



Standard 4x4 HDMI matrices route video — but when integrators need analog audio at every display zone, they are forced to add external DACs or audio extractors per output, complicating rack design and increasing BOM cost. The KanexPro HDMX44A-18G eliminates that with a high-quality DAC analog stereo 3.5mm output paired to each of its four HDMI outputs, delivering clean LPCM 2.0 analog audio directly to powered speakers or amplifiers without additional hardware.

Supporting 18Gbps bandwidth and resolutions up to 4096x2160@60Hz (4:4:4, 8-bit) with 16-bit Deep Color and HD bitstream pass-through. Comprehensive EDID management with 14 modes per input (6 internal + 4 sink + 4 user-uploaded). OSD text overlay, 4 routing presets, WebGUI, Telnet, RS-232 (19200 baud), and IR control. CE/FCC/UL certified.

 <p>4K@60Hz 4096x2160 4:4:4</p>	 <p>Per-Output DAC 3.5mm Analog • 2Vrms</p>	 <p>WebGUI + Telnet + RS-232 Control</p>	 <p>14 EDID Modes 6 Internal + 4 Sink + 4 User</p>	 <p>OSD + Presets LCD • 4 Routing Presets</p>
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KEY FEATURES

- HDMI 2.0, HDCP 2.2/1.x, DVI 1.0 — 18Gbps on all ports
- Resolutions up to 4096x2160@60Hz (4:4:4, 8-bit); 16-bit Deep Color to 1080p60
- High-quality DAC analog stereo 3.5mm output on each HDMI output (LPCM 2.0)
- HDMI audio: LPCM up to 8 channels • Dolby TrueHD • Dolby Atmos • DTS-HD MA • DTS:X
- 14 EDID modes per input: 6 internal, 4 sink-learned, 4 user-uploaded
- OSD custom text overlay per output — position, size, color, transparency
- 4 routing presets — save/recall via front panel, WebGUI, Telnet, or RS-232
- CEC send per output: Power On/Off, Volume +/-, Mute • Video mute per output

SPECIFICATIONS

HDMI Bandwidth	18 Gbps
Resolution	Up to 4096x2160@60Hz (4:4:4, 8-bit) • 16-bit Deep Color
Input / Output	4x HDMI + 4x Analog 3.5mm out
Analog Audio	2Vrms • SNR >70dB • THD+N <-60dB
Control	WebGUI • Telnet • RS-232 (19200) • IR • Front Panel
Power	DC 24V/2.7A • 34W • CE/FCC/UL
Dimensions	17.24" x 1.93" x 10.59" (438 x 49 x 269mm)
Net Weight	6.59 lbs (2.99kg)

PACKAGE CONTENTS

1x Matrix • 1x 24V/2.7A Adapter • 1x IR Remote (CR-177) • 2x Rack Ears • 4x Feet • 1x Manual

