

8x8 HDBaseT Matrix Switcher with 4K60 & CAT Extension (150m)






18Gbps 8-Source HDMI Matrix with Long-Range 150m CAT, PoC Receivers & Web GUI

MPN: MMX-8X8CAT-150M



Distribute 4K60 video from eight HDMI sources to sixteen simultaneous displays — with HDBaseT extension up to 492ft (150m) per run and built-in coaxial and balanced analog audio de-embedding on every output. The KanexPro MMX-8X8CAT-150M is the most capable matrix in the series, designed for large venues, enterprise campuses, and professional AV installations requiring maximum reach with integrated audio distribution. 24V PoC powers all included HDBaseT receivers through the CAT cable — no remote power supply needed.

Unlike the 70m model, the MMX-8X8CAT-150M adds coaxial (3.5mm) and balanced analog (5-pin Phoenix) audio de-embedding on every HDBaseT output port, enabling direct connection to amplifiers, DSPs, and audio zone controllers. Analog output specs: PCM 2.0CH, Vmax 2Vrms, SNR >90dB. Full 18Gbps bandwidth with HDR10/HDR10+/Dolby Vision/HLG. Per-output 4K → 1080p downscaling. OLED front panel. RS-232, TCP/IP, Web GUI, IR remote. 2U rack-mountable.

 4K60 4:4:4 HDR 18Gbps	 8x8 HDMI Matrix Switcher	 492ft 150m HDBaseT Extension	 Audio Coax + Balanced De-embedding	 24V PoC No Remote Power Supply
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KEY FEATURES

- 8 HDMI 2.0b inputs • 8 HDMI + 8 mirrored HDBaseT outputs • 8 PoC receivers included
- 4K60 4:4:4 at 18Gbps • HDBaseT extends 492ft/150m (1080p) or 394ft/120m (4K60) via CAT5e/6/7
- HDR10, HDR10+, Dolby Vision, HLG pass-through on all outputs
- 24V PoC powers all HDBaseT receivers over CAT cable — no remote power supply required
- Coaxial audio de-embedding (3.5mm) and balanced analog audio (5-pin Phoenix) on every HDBaseT output
- Analog audio: PCM 2.0CH • Vmax 2Vrms • SNR >90dB • THD+N <0.1%
- Independent 4K → 1080p downscaler per output • Bi-directional IR matrix routing • CEC control
- OLED front panel • RS-232 (D-Sub 9) • TCP/IP • Web GUI • IR remote
- 2U rack-mountable metal enclosure • Compatible with Crestron, AMX, and third-party control systems

SPECIFICATIONS

HDMI / HDCP	HDMI 2.0b • HDCP 2.2/1.x
Video Resolution	Up to 4K2K@60Hz (YUV 4:4:4)
Video Bandwidth	18 Gbps
HDR Formats	HDR10 • HDR10+ • Dolby Vision • HLG
Audio (HDMI)	LPCM 7.1, Dolby Digital, Dolby TrueHD, DD+, DTS-ES, DTS-HD MA, DTS-X
Audio (De-embed)	Coax: PCM 2.0, DD/Plus, DTS 5.1 • Balanced: PCM 2.0CH, SNR >90dB
I/O	8x HDMI In • 8x HDMI Out • 8x HDBaseT Out • 8x Coax • 8x Balanced
HDBaseT Distance	492ft/150m (1080p) • 394ft/120m (4K60) via CAT5e/6/7 • 24V PoC
Downscaler	Independent 4K → 1080p per output
Control	OLED Panel • IR Remote • RS-232 (D-Sub 9) • TCP/IP • Web GUI
Dimensions	440 × 374 × 88.6 mm (2U) • 6.54kg • Receiver: 155g
Power	AC 100–240V (IEC) • 125W max

PACKAGE CONTENTS

- 1x MMX-8X8CAT-150M Matrix • 8x HDBaseT Receivers • 1x IR Remote • 1x IEC Power Cable • 1x RS-232 Cable • 8x 3-pin + 8x 5-pin Phoenix Connectors • IR Cables • Mounting Ears • User Manual

