

4x4 HDBaseT Matrix Switcher with 4K60 & CAT Extension (150m)

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

MPN: MMX-4X4CAT-150M



Route four HDMI sources to eight simultaneous displays with HDBaseT extension up to 492ft (150m) per run and built-in coaxial and balanced analog audio de-embedding on every output — all in a compact 1U chassis. The KanexPro MMX-4X4CAT-150M combines 4x4 HDMI matrix switching with long-range HDBaseT extension and integrated audio distribution. 24V PoC powers all four included HDBaseT receivers through the CAT cable — no remote power supply required.

Unlike the 70m model, the MMX-4X4CAT-150M includes coaxial (3.5mm) and balanced analog (5-pin Phoenix) audio de-embedding on every HDBaseT port, enabling direct connection to amplifiers and DSP systems without additional extractors. Analog specs: PCM 2.0CH, Vmax 2Vrms, SNR >90dB. HDMI 2.0b, HDCP 2.2/1.x, HDR10/HDR10+/Dolby Vision/HLG. Per-output 4K → 1080p downscaling. OLED front panel. RS-232, TCP/IP, Web GUI.

 4K60 4:4:4 HDR 18Gbps	 4x4 HDMI Matrix Switcher	 492ft 150m HDBaseT Extension	 Audio Coax + Balanced De-embedding	 24V PoC No Remote Power Supply
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KEY FEATURES

- 4 HDMI 2.0b inputs • 4 HDMI + 4 mirrored HDBaseT outputs • 4 PoC receivers included
- 4K60 4:4:4 at 18Gbps • HDBaseT extends 492ft/150m (1080p) or 394ft/120m (4K60)
- 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
- 1U rack-mountable metal enclosure • Crestron, AMX, and third-party control compatible

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	4x HDMI In • 4x HDMI Out • 4x HDBaseT Out • 4x Coax • 4x Balanced
HDBaseT Distance	492ft/150m (1080p) • 394ft/120m (4K60) via CAT5e/6/7 • 24V PoC
Control	OLED Panel • IR Remote • RS-232 (D-Sub 9) • TCP/IP • Web GUI
Dimensions	440 × 200 × 44.5 mm (1U) • 3.1kg • Receiver: 155g
Power	AC 100–240V (IEC) • 60W max

PACKAGE CONTENTS

- 1x MMX-4X4CAT-150M Matrix • 4x HDBaseT Receivers • 1x IR Remote • 1x IEC Power Cable • 1x RS-232 Cable • 4x 3-pin + 4x 5-pin Phoenix Connectors • IR Cables • Mounting Ears • User Manual

