

4x4 HDBaseT Matrix Switcher with 4K60 & CAT Extension (70m)






18Gbps HDMI Matrix with Mirrored CAT Outputs, PoC Receivers, IR Routing & Web GUI

MPN: MMX-4X4CAT-70M



Route four HDMI sources to eight simultaneous displays with 4K60 4:4:4 fidelity over both direct HDMI and extended CAT6 at up to 230ft (70m). The KanexPro MMX-4X4CAT-70M is a compact 1U 4x4 HDMI matrix switcher with mirrored HDBaseT CAT outputs. Each of the four outputs simultaneously drives a local HDMI display and extends to the included PoC-powered CAT receiver up to 230ft away over a single CAT6 cable. 12V PoC eliminates the need for a power supply at each remote display location.

HDMI 2.0b, HDCP 2.2/1.x, HDR10/HDR10+/Dolby Vision/HLG pass-through, and full HD audio including LPCM 7.1, Dolby TrueHD, and DTS-HD MA. Independent 4K → 1080p downscaler per output for mixed-resolution environments. One-way IR matrix routing, CEC control, and EDID management. Control via front panel, IR remote, RS-232, TCP/IP, and Web GUI. 1U rack-mountable.

 4K60 4:4:4 HDR 18Gbps	 4x4 HDMI Matrix Switcher	 230ft 70m CAT6 Extension	 12V PoC No Remote Power Supply	 Web GUI RS-232 / IP Control
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KEY FEATURES

- 4 HDMI 2.0b inputs • 4 HDMI + 4 mirrored CAT outputs • 4 PoC CAT receivers included
- 4K60 4:4:4 at 18Gbps on all HDMI and CAT ports • HDCP 2.2/1.x • DVI 1.0 compatible
- HDR10, HDR10+, Dolby Vision, HLG pass-through on all outputs
- CAT6 extension up to 230ft / 70m per run • 12V PoC powers receivers over cable
- Independent 4K → 1080p downscaler per output for mixed-resolution display environments
- LPCM 7.1, Dolby TrueHD, DD+, DTS-HD Master Audio, DTS-X audio pass-through
- One-way IR matrix routing • CEC display control • Advanced EDID management
- Control via front panel, IR remote, RS-232, TCP/IP (LAN), and browser-based Web GUI
- 1U rack-mountable metal enclosure • Compatible with Crestron, AMX, and third-party control systems

SPECIFICATIONS

HDMI / HDCP	HDMI 2.0b • HDCP 2.2/1.x • DVI 1.0
Video Resolution	Up to 4K2K@60Hz (YUV 4:4:4)
Video Bandwidth	18 Gbps
HDR Formats	HDR10 • HDR10+ • Dolby Vision • HLG
Audio	LPCM 7.1, Dolby Digital, Dolby TrueHD, DD+, DTS-ES, DTS-HD MA, DTS-X
I/O	4x HDMI In • 4x HDMI Out • 4x CAT Out [RJ45, 12V PoC]
CAT Extension	230ft / 70m via single CAT6 cable • 12V PoC to receivers
Downscaler	Independent 4K → 1080p per output
Control	Front Panel • IR Remote • RS-232 • TCP/IP • Web GUI
Dimensions	440 × 200 × 44.5 mm (1U) • ~2.4kg matrix • 155g receiver
Power	AC 100–240V → DC 12V/3A

PACKAGE CONTENTS

- 1x MMX-4X4CAT-70M Matrix • 4x CAT Receivers • 1x IR Remote • 1x Power Supply • 1x RS-232 Cable • IR Cables • Mounting Ears • User Manual

