

8x8 HDBaseT Matrix Switcher with 4K60 & CAT Extension (70m)

18Gbps 8-Source HDMI Matrix with Mirrored CAT Outputs, PoC Receivers & Web GUI

MPN: MMX-8X8CAT-70M • MSRP: \$2,399.96



1 PRODUCT OVERVIEW

DESIGNED FOR

AV integrators and IT managers deploying multi-source, multi-display environments in conference rooms, classrooms, control rooms, digital signage networks, and multi-zone corporate or hospitality installations.

THE CHALLENGE

Facilities need to distribute 4K video from centralized sources to displays in multiple rooms or zones without running expensive HDMI cables to each location. Standard HDMI is limited to ~15ft for 4K60, making long-distance distribution impractical without a matrix and extension solution.

THE KANEXPRO ADVANTAGE

The MMX-8X8CAT-70M combines 8x8 HDMI matrix switching with mirrored HDBaseT CAT outputs in a single 1U unit. Each output simultaneously drives a local HDMI display and extends the same signal up to 230ft via a single CAT6 cable — with 12V PoC eliminating the need for power at each remote receiver. All 8 receivers are included.

2 PRODUCT POSITIONING

For AV integrators and IT managers who need to distribute 4K60 video from eight sources to up to sixteen displays, the KanexPro MMX-8X8CAT-70M delivers simultaneous local HDMI and 230ft CAT6 extension from a single 1U matrix — with included PoC receivers, full HDR, and Web GUI control.

3 APPLICATIONS



Conference Rooms

Route any source to any display — local or extended.



Classrooms & Training

PC, document cam, and media sources to local and overflow displays.



Digital Signage

Drive 8 zones from a single head-end over CAT6 infrastructure.



Hospitality Venues

Distribute content to meeting rooms, bars, and lobbies.



Control Rooms

Centralized routing with RS-232/TCP/IP automation integration.



Multi-Room AV

8 sources to up to 16 display zones within a 230ft radius.

4 WHO THIS IS FOR

AV Integrators

IT Managers

System Architects

Facilities Managers

Ideal User

AV integrator or systems engineer deploying multi-room video distribution in corporate, education, or hospitality environments.

Project Types

Corporate conference centers, higher education, K-12 schools, hospitality, government facilities, retail digital signage.

Typical Buyer

AV systems integrator (specifier/installer), IT director, or facilities AV manager.

5 KANEXPRO PRODUCT COMPARISON

KanexPro offers four models in the professional HDBaseT matrix series. Choose based on the number of sources/displays and required extension distance.

MODEL	BEST FOR	KEY CAPABILITY	HOW IT DIFFERS
MMX-4X4CAT-70M	Smaller installations (4 sources, 4 zones)	4x4 matrix, 230ft/70m CAT, 12V PoC	Lower cost, 4 inputs/outputs, same 70m reach
MMX-8X8CAT-70M ✓	Mid-to-large (8 sources, up to 16 displays)	8x8 matrix, 230ft/70m CAT, 12V PoC	This model — scales to 8 sources & 8 zones
MMX-4X4CAT-150M	Long-range 4-zone with audio de-embed	4x4 matrix, 492ft/150m, coax + balanced audio	Longer reach, audio outputs, 4 inputs only
MMX-8X8CAT-150M	Largest long-range installations	8x8 matrix, 492ft/150m, coax + balanced audio	Maximum range and I/O with full audio de-embedding

✓ Choose MMX-8X8CAT-70M for 8-source installations requiring up to 230ft CAT extension without audio de-embedding.

6 FREQUENTLY ASKED QUESTIONS

Q: Do I need power supplies for the remote receivers?

A: No. 12V PoC is provided on all 8 CAT ports. The included receivers are powered through the CAT6 cable.

Q: What cable type is required?

A: CAT6 or CAT6A with direct T568B wiring. No crossover cables. Shielded (STP) cable is recommended for best performance.

Q: Can I mix 4K and 1080p displays?

A: Yes. Each output has an independent 4K → 1080p downscaler that can be enabled per port without affecting other outputs.

Q: Is this compatible with Crestron or AMX?

A: Yes. RS-232 and TCP/IP ports support third-party control system integration.

sales@kanexpro.com | www.kanexpro.com | 888.975.1368