

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 • MSRP: \$1,599.96



1 PRODUCT OVERVIEW

DESIGNED FOR

AV integrators, IT managers, and installers deploying 4-source video distribution to multiple display zones in conference rooms, classrooms, huddle spaces, retail digital signage, and small-to-mid hospitality or residential environments.

THE CHALLENGE

Small-to-mid installations need to route 4K video from centralized sources to local displays and distant displays without complex cable infrastructure. Standard HDMI cables are too short for remote displays, and separate matrix + extender products add cost and rack space.

THE KANEXPRO ADVANTAGE

The MMX-4X4CAT-70M combines 4x4 HDMI switching and mirrored 70m HDBaseT extension in a compact 1U unit. Four included PoC receivers eliminate power runs to remote locations. All sources, all displays, all control — in a single rack unit at a competitive price point.

2 PRODUCT POSITIONING

For integrators specifying 4-source AV distribution with up to 230ft reach, the KanexPro MMX-4X4CAT-70M delivers 4x4 4K60 matrix switching with mirrored CAT extension, included PoC receivers, and Web GUI control — all in one compact 1U unit.

3 APPLICATIONS



Conference Rooms

Any source to any display — local or extended up to 230ft.



Classrooms

PC, document cam, and media to local and overflow display.



Digital Signage

4 independent content zones from one rack location.



Hospitality

Meeting rooms, lobbies, and bar areas over existing CAT cabling.



Residential AV

4 sources to 4 display zones throughout a home.



Small Campus AV

Sources in closet, displays across multiple rooms within 230ft.

4 WHO THIS IS FOR

AV Integrators

IT Managers

Hospitality AV

Residential AV

Ideal User

AV integrator or system installer deploying small-to-mid video distribution projects in corporate, education, hospitality, or residential environments.

Project Types

Corporate conference rooms, K-12 and higher education, hospitality (hotels, restaurants), retail digital signage, residential AV, government.

Typical Buyer

AV systems integrator, IT manager, or AV consultant specifying a complete distribution solution.

5 KANEXPRO PRODUCT COMPARISON

Choose between 4-source and 8-source models, and between 70m and 150m reach based on your installation requirements.

MODEL	BEST FOR	KEY CAPABILITY	HOW IT DIFFERS
MMX-4X4CAT-70M ✓	4-source, 230ft reach, budget-friendly	4×4 matrix, 70m CAT, 12V PoC	This model — compact, affordable, no audio de-embed
MMX-4X4CAT-150M	4-source, 492ft reach + audio de-embed	4×4 matrix, 150m HDBaseT, coax + balanced audio	Longer reach, audio outputs, higher cost
MMX-8X8CAT-70M	8-source, same 230ft reach	8×8 matrix, 70m CAT, 12V PoC	Double the I/O, same distance, higher cost
MMX-8X8CAT-150M	8-source, maximum reach + audio	8×8 matrix, 150m HDBaseT, full audio de-embed	Largest model — maximum I/O, reach, and features

✓ Choose MMX-4X4CAT-70M for 4-source installations requiring up to 230ft CAT extension at the most competitive price point.

6 FREQUENTLY ASKED QUESTIONS

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

A: No. 12V PoC is provided on all 4 CAT ports. The included receivers are powered through the CAT6 cable — no separate power adapter required at each remote display.

Q: What cable type is required?

A: CAT6 or CAT6A with direct T568B wiring. No crossover cables.

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

A: Yes. Each output has an independent 4K → 1080p downscaler that can be enabled per port.

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