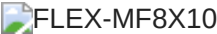


Modular 4K 60Hz Matrix Chassis with Independent Scaling & Video Wall

Scalable HDMI-over-CAT Switcher (8x10 to 24x60) with Per-Output Resolution Control, Quad View & CEC Display Management

MPN: FLEX-MF8X10



1 PRODUCT OVERVIEW

DESIGNED FOR

AV integrators designing multi-zone video distribution for hospitality, houses of worship, retail, and corporate lobbies — projects with 8–20 display endpoints requiring centralized source management.

THE CHALLENGE

Fixed-format matrices force over-provisioning or under-provisioning port counts. AV-over-IP adds network complexity and cost at this scale. Enterprise modular chassis from Crestron/Extron carry a 3–4× price premium. There's no cost-effective modular matrix with built-in scaling, video wall, and quad view for mid-market projects.

THE KANEXPRO ADVANTAGE

Only modular matrix chassis in this price range offering independent per-output scaling, built-in video wall (up to 4x3), quad view, CEC display control, and EDID management — features that competitors either don't include or charge significantly more for.

2 PRODUCT POSITIONING

The KanexPro FLEX-MF8X10 is the modular 4K matrix chassis for hospitality and commercial AV integrators who need scalable, independently-scaled multi-zone video distribution without the complexity and cost of AV-over-IP infrastructure.

3 APPLICATIONS



Sports Bars

Scalable multi-zone 4K distribution



Boutique Hotels

Scalable multi-zone 4K distribution



Houses of Worship

Scalable multi-zone 4K distribution



Corporate Lobbies

Scalable multi-zone 4K distribution



Education

Scalable multi-zone 4K distribution



Live Events

Scalable multi-zone 4K distribution

4 WHO THIS IS FOR

AV Integrators

System Engineers

AV Consultants

Hospitality AV

Digital Signage

House of Worship

Ideal User

AV systems integrator, 5–15 years experience, working at a regional integration firm

Project Types

Hospitality, houses of worship, retail/digital signage, education, corporate lobbies

Typical Buyer

Lead AV designer or project engineer at the integration firm

5 KANEXPRO PRODUCT COMPARISON

The FLEX-MF8X10 sits in the Flex Matrix chassis tier — here's how it compares to other KanexPro products:

MODEL	BEST FOR	KEY CAPABILITY	HOW IT DIFFERS
MMX-8X8AUD	Simple 8×8 HDMI routing	Fixed 8×8 with ARC	No CAT extension, no scaling, no video wall
MMX-16X16AUD	Large HDMI-only installs	Fixed 16×16 with ARC	No CAT extension, no scaling, not modular
Flex Matrix Pro 16×16	Dante + seamless switching	Modular 16×16 with Dante	Higher price (\$11,999), for audio networking needs
SW-4X2PS-70M	Single conference rooms	4×2 presentation switch	Single-room, not multi-zone distribution

Choose FLEX-MF8X10 for scalable multi-zone 4K distribution with video wall and scaling at competitive pricing.

6 FREQUENTLY ASKED QUESTIONS

Can I scale from 8×10 to larger configurations?

Yes. The modular card architecture lets you swap input cards (8-port HDMI) and output cards (12-port CAT) to reach 16×20, 24×30, and up to 24×60 configurations without replacing the chassis.

Does the FLEX-MF8X10 support HDMI 2.1?

No, this model is HDMI 2.0 at 18Gbps. For 48Gbps HDMI 2.1 support, see the Flex Matrix Pro series.

How does per-output scaling help my installations?

Instead of purchasing separate scalers for each display, the FLEX-MF8X10 scales each output independently. A 4K source can output as 1080p to one display and 4K to another — from the same input.

Can I use the FLEX-MF8X10 without a CAT receiver?

The 10 CAT outputs require FLEX-CATRX CAT receivers (sold separately) at the display end. If you prefer direct HDMI, consider the fixed 8×8 or 16×16 HDMI-only matrices.

Does it support video wall mode?

Yes. Video wall mode supports up to 4×3 grids with 30 independent wall groups. You can adjust bezel compensation and set different output resolutions for each group.

How do I control the FLEX-MF8X10?

Multiple options: front-panel 7-inch touchscreen, IR remote, RS-232 serial control, TCP/IP Ethernet, or Web GUI. You can also save 8 user-defined scenes for instant recall.

Is CEC display control included?

Yes. The FLEX-MF8X10 sends CEC commands through the CAT receivers to power connected TVs on/off and manage display settings remotely without additional control infrastructure.