

4K UHD 8x8 Modular Matrix Switcher

Field-upgradeable, Modular Matrix Chassis with IR, Ethernet & RS-232 Control

MPN: **HDMMX88-4K**



The **KanexPro HDMMX88-4K** is an eight input by eight output modular matrix switcher chassis with two input slots and two output slots; each modular input or output card supports up to four device connections. As an add-on to front panel control, the HDMMX88A-4K can be controlled via IR, RS232, or TCP/IP connections.

The optional modular input and output cards include the following connections: HDMI, DVI, VGA, HDBaseT (with RS232 and bi-directional wide-band IR), Fiber Optic and analog video with digital scaling via HD15 (VGA-UXGA, RGBHV, RGBS, RGsB, RsGsBs, component video, S-video and composite video). The modular output cards include the following connections: HDMI, SDI, DVI, VGA, HDBaseT and Fiber Optic.

Applications

Ideal for various commercial applications such as, control centers, smart lecture halls, medical and government facilities and residential environments where 4K UHD signal distribution and audio is critical.

FEATURES

- Customizable 8x8 modular switch serving various AV connections
- 4K UHD resolution via HDMI & HDBaseT
- Supported connections: VGA, SDI, DVI, HDMI, HDBaseT & Fiber optic
- High-bandwidth up to 10.2 Gbps
- Add I/O modular cards based on expandability
- Cross-point ultra-switching
- Advanced HDCP & EDID management
- Hot swappable design
- Clear illuminated buttons
- Control via IR, Ethernet & RS-232
- 10 global presets
- Front panel LCD for switching & status
- Front panel security lock
- 2U rack-mountable aluminum enclosure
- Dual-Internal power supply (100Volt-240Volt AC, 50/60Hz)
- Backed by KanexPro 3-Year full parts & labor warranty

SPECIFICATIONS

Securing mechanism: Thumbscrew

I/O Connections:

- Chassis Input: 2 x Input Cards
- Chassis Output: 2 x Output Cards
- Bandwidth for each I/O: 340 MHz (10.2 Gbps)
- Input/ output impedance: 75 ohms
- Switching speed: 200ns (max)
- Gain: 0 dB
- Max delay: 5nS (+/- 1nS)

Control:

- Serial control port: RS-232, 9-pin female D connector
- Pin Configurations: 2 = TX, 3 = RX, 5 = GND
- Front panel control: Buttons
- TCP/IP Control via Ethernet

General & Environmental:

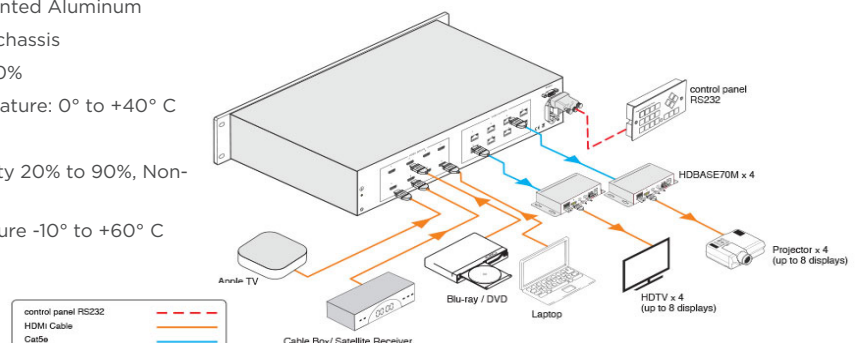
- Material: Black painted Aluminum
- Frame Size: 5 RU chassis
- Humidity: 10% - 90%
- Operating Temperature: 0° to +40° C (+32° to +104° F)
- Operating Humidity 20% to 90%, Non-condensing
- Storage Temperature -10° to +60° C (+14° to +140° F)

- Storage Humidity 20% to 90%, Non-condensing
 - Installation: Rack mountable
- Power, ESD & Regulatory**
- International Power Supply: 110VAC - 240VAC, 50/60Hz
 - Power Consumption: 280 watts fully populated
 - ESD protection: 15kV
 - Regulatory: CE, RoHS
 - Case Dimension: 483mm x 356mm x 222mm (19 in. x 14 in. x 8.75 in.)
 - Product Shipping Weight: 9.98 kg (22 lbs.)

Warranty: 3-Year Parts & Labor

Diagnostic Indicators: LCD output status & power LED

Included parts: Installation Guide, IR Remote, RS232 Cable, Power Cable, Modular Metal Blank (4) & Rubber Feet (4).



ABOUT KANEXPRO

KanexPro carries a broad selection of A/V connectivity products by leveraging the core strength in professional systems enabling you to broadcast, convert, extend, split, or multiply HD signal transmissions; simply and cost-effectively. KanexPro is a trademark. HDMI, the HDMI logo, and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing, LLC in the United States and/or other countries. All other product or service names are the property of their respective owners.