

4K UHD 64x64 Modular Matrix Switcher

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

MPN: **HDMMX6464-4K**



The **KanexPro HDMMX6464-4K** is a 64 input by 64 output modular matrix switcher chassis with 16 input slots and 16 output slots; each modular input or output card supports up to 16 device connections. As an add-on to front panel control, the HDMMX6464-4K can be controlled via IR, RS232, or TCP/IP connections.

The optional modular input 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 large-scale commercial applications such as, control centers, digital signage, smart lecture halls, medical and government facilities and residential environments where 4K UHD signal distribution and audio is critical.

FEATURES

- Customizable 64x64 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
- 10 RU 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: 16 x Input Cards
- Chassis Output: 16 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:

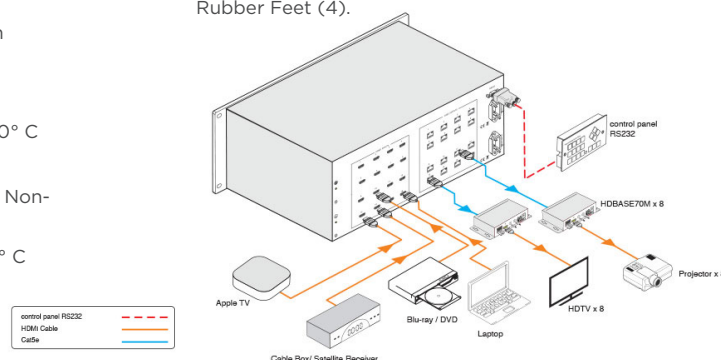
- Material: Black painted Aluminum
- Frame Size: 10 RU chassis
- Humidity: 10% - 90%
- Operating Temperature: 0° to +40° C (+32° to +104° F)
- Operating Humidity 20% to 90%, Non-condensing
- Storage Temperature -10° to +60° C (+14° to +140° F)

- Storage Humidity 20% to 90%, Non-condensing
- Installation: Rack mountable
- Power, ESD & Regulatory**
- International Power Supply: 110VAC - 240VAC, 50/60Hz
- Power Consumption: 400 watts fully populated
- ESD protection: 15kV
- Regulatory: CE, RoHS
- Case Dimension: 483mm x 712mm x 222mm (19 in. x 28 in. x 8.75 in.)
- Product Shipping Weight: 12 kg (26 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.