

## 4K UHD 32x32 Modular Matrix Switcher

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

MPN: **HDMMX3232-4K**



The **KanexPro HDMMX3232-4K** is a 32 input by 32 output modular matrix switcher chassis with eight input slots and eight output slots; each modular input or output card supports up to eight device connections. As an add-on to front panel control, the HDMMX3232-4K 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 commercial applications such as, control centers, smart lecture halls, medical and government facilities and residential environments where 4K UHD signal distribution and audio is critic

### FEATURES

- Customizable 32x32 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
- 5 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: 8 x Input Cards  
Chassis Output: 8 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

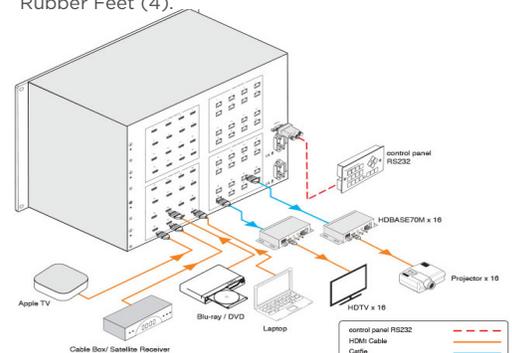
#### Power, ESD & Regulatory

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.