

Professional 32X32 Modular Matrix Switcher

Field-upgradeable, Modular and Hot-swappable design

MPN: HDMMX3232A



The KanexPro 32x32 modular matrix is the ultimate answer to cost-effective universal switching, whether analog or digital signals – this modular matrix will let you plug various changeable I/O cards. It's a chassis designed for adding 32-inputs to 32-outputs in a 5U frame.

System Integrators and AV installers are constantly faced with challenges of running multiple analog and digital I/O's when designing a system. This modular matrix will provide various I/O with hot-swappable slots. You can now customize and choose the right card for different applications.

The modular matrix supports different video signals with cross-switching ranging from VGA, DVI, HDMI, SD/HD/3G-SDI, to HDMI over twisted pair and fiber optic input and output cards. Every video or audio signal is transmitted and switched independently with power fail memory function and audio breakaway. Fully controllable through RS-232 and optional TCP/IP when used with third-party control systems.

Simply select the blend of analog or digital with stereo audio matrix cards that best fits your application, and then install them in order desired. Fully field upgradeable, as AV signal routing needs change over time, now you can choose new matrix cards to adapt to new requirements.

FEATURES

- Flexible Universal slots for various signal formats like VGA, SDI, DVI, HDMI, Fiber Optic and HDMI over CAT6 (HDBaseT)
- Front panel LCD- for operation and working status
- Hot swappable with easy plug n play
- Cross switching - any input to any output
- Backlit button provides label which is change-able for customizing
- RS232 serial control port, using serial commands
- TCP/IP control via Ethernet
- Front panel security lock prevents unauthorized use when the matrix is installed in an unsecured environment
- 9 global presets- to save and recall the function
- 2U rack-mountable aluminum enclosure
- Internal international power supply (100Volt-240Volt AC, 50/60Hz) for worldwide compatibility
- Backed by KanexPro's 3-Year full parts & labor warranty

SPECIFICATIONS

- **Chassis Input:** 8 x Input Cards
- **Chassis Output:** 8 x Output Cards
- **Bandwidth for each input/output:** 340 MHz (10.2 Gbps)
- **Input/ output impedance:** 75 ohms
- **Switching speed:** 200ns (max)
- **Gain:** 0 dB
- **Max delay:** 5nS (+/- 1nS)
- **Maximum pixel clock:** 165 MHz

- **Control:**
Serial control port: RS-232, 9-pin female D connector
Pin Configurations: 2 = TX, 3 = RX, 5 = GND
Installation: Rack Mountable
Front panel control: Buttons
TCP/IP Control via Ethernet
- **General**
Frame Size: 2 U rack chassis
International Power Supply: 110VAC ~ 240VAC, 50/60Hz
Humidity: 10% ~ 90%
Temperature: -20 ~ +70 C
Power Consumption: 50W
Case Dimension: W600mm x H108 x D320mm
Product Weight: 8 Kg



***Module I/O sold separately.**
Please contact Sales for more information.

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.