KanexPro FLEX-MMX16 4K Flexible 16 Input / Output Seamless Matrix Switcher

The KanexPro FLEX-MMX16 is a 4K seamless video modular matrix designed with sixteen (16) adaptable PCIe slots. Twelve cards for input / output and 4 - dedicated video output for use with single 4K HDMI and HDBaseT™ input and output cards. System integrators can create a flexible and glitch-free AV system based on project requirements ranging from 15x1,8x8,4x8-to-1x11 input and output combinations supporting full HDCP 2.2 with PoH (Power over HDBaseT) up to 230 feet. The switcher is packed with its own built-in control system to switch and route via a built-in web based GUI or using TCP/IP (Ethernet network). RS-232 serial protocol can also be used for basic controlling and switching.

With powerful EDID to detect display information and HDCP 2.2 management, this adaptable matrix supports zero transfer switching with automatic scaling and independent routing of audio and video to compensate for any signal attenuation caused.

Applications:

Ideally used for live events, command & control centers, simulation centers, large AV conference rooms for up-to-second viewing of critical information and high –resolution imagery.

Please note:

- Signal cards are sold and packed separately
- In order get full 4K video resolution on the matrix, please use only 4K HDMI and 4K HDBaseT flex cards and do not combine with any analog or 1080p cards as it will not be compatible. We recommend using 1080p flex-cards only with 1080p based FLEX-MMX systems.

Features:

- Flexible Matrix Switcher with 16 PCIE slots
- 12 I/O slots & 4 dedicated outputs
- 4K glitch-free seamless switching
- Supports video resolutions up to 4K, 1080p & WUXGA
- VGA, DVI, SDI, HDMI & HDBaseT card compatibility
- Auto-sensing of input or output signals
- Built-in EDID management
- HDCP 2.2 compliant
- Controllable via front panel buttons, IR, RS232 & TCP/IP
- Built-in web based GUI for quick access to control via network
- Adjustable output resolution
- Firmware upgrade via USB port
- 10 global presets
- Internal power supply (100Volt~240Volt AC, 50/60Hz)
- Backed by KanexPro 3-Year full parts & labor warranty