

Ultra-Fast 4x4 HDMI Matrix Switcher with 4K/60Hz

Fast Switch four HDMI sources to four 4K displays with HDCP2.2

MPN: HDMX44-4K



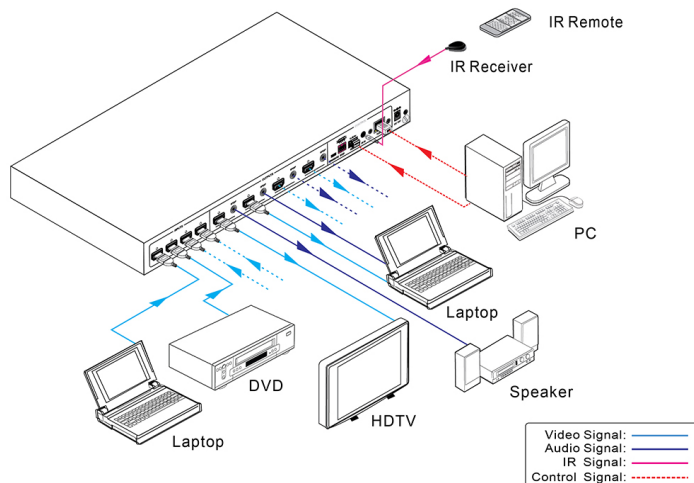
The KanexPro HDMX44-4K is a professional 4-input, 4-output HDMI matrix featuring HDCP 2.2 with the latest HDMI 2.0 specifications supporting ultra HD resolutions up to 4K @60Hz. This matrix switcher supports switching speeds to less than 0.2 seconds and also provides 4-additional audio ports via S/PDIF connectors to support audio de-embedding from HDMI. It can be fully controlled via RS-232, IR and Web based GUI using Ethernet where end-users can switch, control and manage the matrix using graphical and visual indicators right from the computer or touch-panel.

FEATURES

- Cross-switch 4 HDMI inputs to 4 HDMI outputs with 4K @60Hz
- Four independent S/PDIF audio for Audio De-embedding from HDMI
- Distribute 4Kx2K@60Hz signal up to 15m
- Supports standard 1080p & WUXGA resolutions up to 2560x1080@60Hz
- HDCP 2.2 Compliant
- Smart EDID DIP switch for proper display output
- Supports latest High Speed HDMI Specifications
- Supports Dolby Digital, DTS, DTS-HD
- Control thru front-panel keys, IR, RS-232 & Web based GUI
- Front-panel LCD screen provides real-time I/O connection status
- Expedient firmware upgrade thru Micro USB port
- 1U (19") rack mountable aluminum enclosure
- Universal RS-232 code compatible with any 3rd party control systems
- Locking HDMI & Power supply

SPECIFICATIONS

- **Input:** HDMI x 4
- **Output:** HDMI x 4
- **Output Audio Signals:** Coaxial output thru HDMI audio de-embedding
- **Supported Video Resolutions:**
 - 4K: 4096x2160 (30,50,60 Hz), 3840x2160 (24,25,30 50 60 Hz)
 - 21:9: 2560x1080 (60Hz)
 - 16:9: 1920x1080(1080P 3D), 1600x900, 1366x768, 1280x720, 1024x576 (60Hz)
 - 16:10: 1920x1200, 1680x1050, 1440x900, 1360x768, 1280x800 (60Hz)
 - 4:3: 1600x1200, 1400x1050, 1280x1204, 1024x768, 800x600, 640x480 (60Hz)
- **EDID and DDC Management:** EDID management handled thru DIP Switch
- **HDCP Version:** HDCP2.2 Compliant with High-bandwidth Digital Content Protection (HDCP 2.2) using HDMI 2.0 standards.
- **Video Amplifier Bandwidth:** 10.2 Gbps
- **Color Depth:** 12-bit per channel and xvYCC color space
- **Ethernet:** RJ - 45 Connections
- **RS-232:** DB9 connector
- **IR:** Default IR control
- **Power Supply:** 12V DC@2A
- **Power Consumption:** 13.3W
- **Standby:** 4.4W
- **Operating Temperature:** 0°C to +70°C
- **Regulatory Approvals:** FCC, CE, and UL
- Dimensions: W19 x H1.73 x D9.25 in.
- (1U high, full rack wide)
- **Weight:** 2.57 lbs.
- **Warranty:** 3-Year parts and labor



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.