KanexPro®

4K ULTRA HD

3 YEAR WARRANTY

4K/60 HDBaseT™ 8X8 Matrix Switcher with Multi-Zone Digital Audio

Cross-switch 8 HDMI to 8 Displays over HDBaseT with PoC, Separate Audio & Control

MPN: MX-HDBT8X818G

The **KanexPro MX-HDBT8X818G** matrix switcher is a professional 8 HDMI input to 6 HDBaseT output with 2 local HDMI output switches designed for switching and extending HDR, Dolby Vision content with digital audio to multiple zones with simple control. This switcher features independent audio routing regardless of video, ideal for house of worship applicatinos and multi-room premium home theater applications where audio can be sent anywhere supporting digital formats. The 8x8 matrix switches its inputs and outputs over CAT5e/6 utilizing HDBaseT technology to deliver pristine 4K/60Hz with HDR10 and Dolby Vision. It is HDCP 2.2 compliant and supports video resolutions up to 4K2K@60Hz, 4:4:4 and multi-channel digital audio. Designed for mid-scale applications, such as multi-zone home theaters, houses of worship, and medical imaging, the HDMI 2.0 matrix can be easily controlled through the front panel buttons, IR, RS-232, Telnet and Web GUI, or custom drivers to control with any third-party integration system, such as Savant, Control4, Crestron, and many others.

Applications:

Ideally designed for higher education environments such as smart classrooms, multi-zone residential homes or commercial distribution applications where there is a need to create an audio matrix of its own regardless of 4K video.

FEATURES

- Ultra-fast 8x8 switching with instant display
- Distribute four HDBaseT outputs up to 100m
- Up to 35m at 4Kx2K/60Hz on a single CAT5e/6 cable
- HDMI output supports HDR + DolbyVision
- Supports power over Ethernet (PoE) to all six receivers
- Includes all 6 receivers in the box
- Indpendent audio matrix
- Supports Audio De-embedding
- Advanced EDID & HDCP 2.2 management
- Bi-directional IR & RS-232 control
- Ethernet connectivity for WebGUI
- Control via front panel, RS232, IR or IP
- Illuminated buttons w/ Front panel LCD
- IR remote control included
- Easy firmware upgrade thru Micro-USB port
- Locking HDMI connectors
- 19" (1U) rack-mountable steel enclosure
- External International power supply (100V-240V AC,50/60Hz)

Note:

SPECIFICATIONS

Input:
- 8x HDMI Type A - 19-pin female
- 2x L/R Audio In (3.5mm Stereo Mini-jack)
- 2x Optical Audio In (S/PDIF)
- 2x Coaxial Audio In (S/PDIF) 8x IR in (3.5mm Stereo Mini-jack)
- 4x RS-232 (3pin Phoenix Jack)
- 1x TCP/IP (RJ45)

Output:
- 2x HDMI Type A (19-pin female)
- 6x HDBaseT Out (RJ45)
- 6x L/R Audio Out (3.5mm Stereo Mini-jack)
- 6x Optical Out (S/PDIF)
- 7x IR Out (3.5mm Stereo Mini-jack)

General:
- Resolution Range:
- Gain:
- Differential Phase Error:
- SNR:
- Bandwidth: Up to18 Gbps
- Return Loss:
- THD:
- Min. ~Max. Level :
- Impedance:
- Temperature: 32 - 104°F / 0 - 40°C
- Humidity: 20% ~ 90%
- Power Supply: AC100 - 240V 50/60Hz
- Power Consumption: 60W (Max)
- Unit Dimension: W : 483 mm D: 44.5 mm
- Net Weight: 2110g