KanexPro®

3 YEAR WARRANTY

4x4 HDMI® 2.0 Matrix Switcher with 4K/60Hz

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

MPN: HDMX44-18G

4K ULTRA HD

FEATURES

- Cross-switch 4 HDMI inputs to 4 HDMI outputs with 4K @60Hz
- Distribute 4Kx2K@60Hz signal up to 10m over HDMI (max.)
- 4K & UHDTV resolutions up to 3840x2160@60 Hz (YUV 4:4:4, 8-bit)
- True4K @ 4096x2160@60Hz (YUV 4:4:4,8-bit)
- Supports Dolby Vision & HDR pass-thru
- Supports 48-bit Deep Color up to 1080p/60
- Supports LPCM 7.1 pass-thru bit stream
- HD bit stream audio formats over HDMI
- HDCP 1.4 & 2.2 Compliant
- Powerful EDID management tools with 4 slots for user-created EDIDs, and EDID bypass
- Control via front-panel buttons, IR, RS-232 & Web based GUI
- Front-panel LED's provides real-time I/O connection status
- Firmware upgrade via micro USB port
- Locking HDMI connector screws
- Universal RS-232 code compatible with any 3rd party control systems
- Internal Universal power for worldwide compatibility
- Backed by KanexPro 3 Year parts & labor warranty

The **KanexPro HDMX44-18G** is a professional 4-in and 4-out HDMI matrix featuring HDCP 2.2 and the latest HDMI 2.0 specifications supporting ultra HD resolutions up to 4K @60Hz. Each HDMI port provisions full bandwidth of 18 Gbps with HDR and Dolby Vision pass-through. 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 right from the computer or any 3rd party touch-panel or a control system.

Industry Standard HDCP 2.2 & 4K/60

HDCP 2.2 authentication is present always on this matrix ensuring proper handshake of the protected content. It also maintains resolutions up to 4K- 4096x2160@24, 30, 50 or 60Hz, 3840x2160@24, 25,30, 50 or 60Hz and 2560x1080@60Hz displaying 21:9 aspect ratios. 1920 x 1200 or full HD 1080p/60 is a standard for all our matrix switchers.

Applications:

Perfect for whole house distribution systems and house of worship centers as well as corporate boardrooms where swift, reliable switching and distribution of 4K/60 HDMI signals are critical to meet pixel-by-pixel needs with HDR.

SPECIFICATIONS

Video Bandwidth
600MHz/18Gbps

Input Ports
4x HDMI, 1x IR, 1x RS-232, 1x MiniUSB (Service), 1x RJ45 (Control)

Output Ports
4x HDMI

Supported Resolutions:
480i ~1080p@24/50/60Hz
4K up to 4096x2160@60Hz (YUV 4:4:4,8-bit)
PC resolutions: VGA-WUXGA

IR Frequency: 30-50kHz

Baud Rate: 115200bps

Power Supply
24V DC/2.7A (US/EU standards,CE/FCC/ULcertified)

ESD Protection
Human body model:
38 kV (air-gapdischarge)
34 kV (contactdischarge)

Dimensions
17.0" x 1.7"x 6.2" (436 mm x 44 mm x 160mm WxHxD) [CaseOnly]
17.0" x 1.8" x 6.60" (436 mm x 48 mm x 167.5mm WxHxD) [All Inclusive]

Weight: 4.55 lbs. (2068g)

Chassis Material: Metal

Color: Black

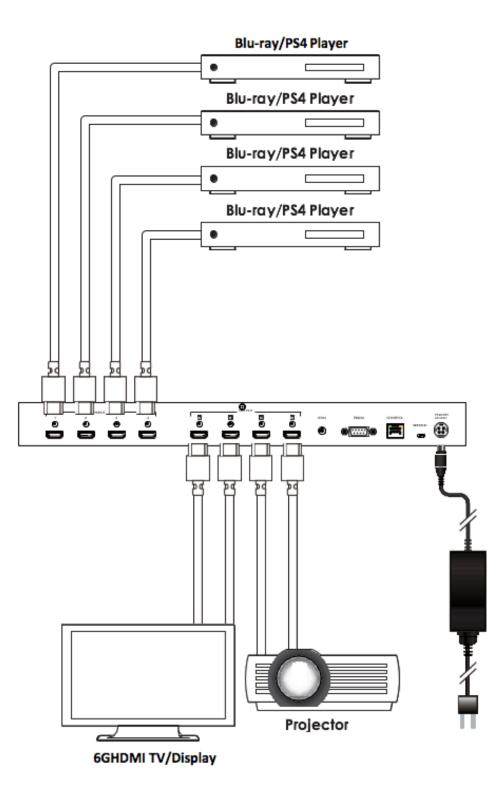**Operating Temperature**
0°C-40°C/32°F-104 F

Storage Temperature:
-20°C-60°C/-4°F-140 F

Relative humidity
20-90% RH (non-condensing)

PowerConsumption
21 Watts

Blu-ray/PS4 Player

Blu-ray/PS4 Player

Blu-ray/PS4 Player

Blu-ray/PS4 Player

6GHDMI TV/Display

Projector