

# KanexPro MX-HDBT8X818G 4K/60 HDBaseT 8x8 Matrix Switcher with Audio Matrix

<b>Technical</b>	
HDMI Compliance	HDMI 2.0b
HDCP Compliance	HDCP 2.2 & HDCP 2.2
Video Bandwidth	Up to 18 Gbps
Video Resolutions	up to 4K2K@50/60Hz (YUV4:4:4), 4K2K@30Hz, 1080P@120Hz, and 1080P 3D@60Hz
Color Space	RGB, YCbCr 4:4:4, YCbCr 4:2:2
Color Depth	10-bit, 12-bit
HDMI Audio Formats (Pass-through)	LPCM 2/5.1/7.1CH, Dolby Digital, DTS 5.1, Dolby Digital+, Dolby TrueHD, DTS-HD Master Audio, Dolby Atmos, DTS:X
Audio Formats (Optical/Coaxial In)	LPCM 2/5.1/7.1CH, Dolby Digital, DTS 5.1, Dolby Digital+
L/R Audio Formats	Analog Stereo 2CH, SPDIF outputs for audio matrix
Infrared Frequency	20KHz - 60KHz
ESD Protection	Human body model — ±8kV (air-gap discharge) & ±4kV (contact discharge)
<b>Connections</b>	
Inputs	6x 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)
Outputs	2x HDMI Type A (19-pin female) 4x 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)
<b>Mechanical</b>	
Housing	Metal Enclosure
Color	Black
Dimensions	483 mm (W) x 303 mm (D) x 44.5 mm (H)
Weight	2110g
Power Supply	Input: AC100 - 240V 50/60Hz
Power Consumption	60W (Max)
Operation Temperature	32 - 104°F / 0 - 40°C
Storage temperature	-4 - 140°F / -20 - 60°C
Relative Humidity	20 - 90% RH (no condensation)