

HTX III-8800

8x8 4K60 HDMI2.0b to HDBaseT™ Matrix Switcher with Audio De-Embed



PureLink's HDTools™ **HTX III-8800** provides independent switching of (8) Ultra HD/4K sources to (8) remote destinations of up to 150 meters (492 feet) via PoC powered HDBaseT™ receivers, the HTX III RX (sold separately). Each HDBaseT™ output is complemented by a mirrored HDMI output. **The HTX III-8800** also features balanced analog stereo and surround sound compliant SPDIF audio de-embedding for each output, located on the switch. Analog stereo de-embedding is also available on each HTX III RX receiver.

Crestron and QSC modules are available, as well as RS232 and LAN command API for control using any other control/automation platform.

Key Features

- HDMI 2.0b, HDCP 2.2/1.4, HDR, HDR10+, Dolby Vision, HLG
- (8) HDMI inputs, (8) HDBaseT™ outputs with parallel HDMI outputs
- Resolutions up to 4K@60HZ (4:4:4) on all HDBaseT™ and HDMI ports
- Downscaling selectable for 4K@60Hz to 1080@60Hz
- Distances up to 492 ft. (150 m) via CAT6a
- Up to 7.1 channels of High Definition audio (LPCM, Dolby TrueHD, and DTS-HD Master Audio)
- Built-in independent audio matrix with Volume, Mute, and Audio delay for lip-sync adjustment (LPCM only)
- HDR, ARC, CEC and smart EDID management supported
- 24V PoC on all HDBaseT™ ports
- Control via on-panel Button, IR, RS-232, LAN and Web GUI
- 2U rack-mounted design with aluminum front panel housing

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TECHNICAL SPECIFICATIONS

COMPLIANCE	HDMI 2.0b, HDCP 2.2/1.4, HDR, HDR10+, Dolby Vision, HLG	
VIDEO BANDWIDTH	18 Gbps	
SUPPORTED RESOLUTION	Up to 4K2K@50/60Hz (4:4:4)	
COLOR SPACE	RGB 4:4:4, YCbCr 4:4:4/4:2:2/4:2:0	
COLOR DEPTH	8-bit (4K2K@60Hz YUV4:4:4) 8/10/12-bit (4K2K@60Hz YCbCr 4:2:2/4:2:0)	
HDMI AUDIO	LPCM 2/5.1/7.1CH, Dolby Digital, DTS 5.1, Dolby Digital+, Dolby TrueHD, DTS-HD Master Audio, Dolby Atmos, DTS:X	
COAX AUDIO	PCM 2.0, Dolby Digital / Plus, DTS 2.0/5.1	
ANALOG BALANCED AUDIO	PCM2.0CH	
AUDIO PERFORMANCE	SNR >90dB	FR = 20Hz~20kHz ±0.5dB
INFRARED	20KHz~60KHz	
ESD	Human body model - ±8kV (air-gap discharge) & ±4kV (contact discharge)	

CONNECTIONS

INPUT TYPE/S	(8) HDMI Type A [19-pin female] (8) IR In [3.5mm Stereo Mini-jack] (1) RS-232 [Female DB9] (1) Ethernet [RJ45]
OUTPUT TYPE/S	(8) HDMI Type A [19-pin female] (8) IR Out [3.5mm Stereo Mini-jack] (8) Balanced Stereo Audio Out [5 pin mini phoenix] (8) Coaxial Audio Out [RCA] (8) HDBaseT™ Out [RJ45]

ENCLOSURE

DIMENSIONS (W x D x H)	19" x 14.7" x 3.49"
WEIGHT	14.4 lbs.
POWER SUPPLY	Input: AC100~240V 50/60Hz
MAX POWER CONSUMPTION	125W
OPERATING TEMPERATURE	32°F - 104°F (0°C - 40°C)
STORAGE TEMPERATURE	-4°F - 140°F (-20°C - 60°C)
RELATIVE HUMIDITY	20 - 90% RH (no condensation)