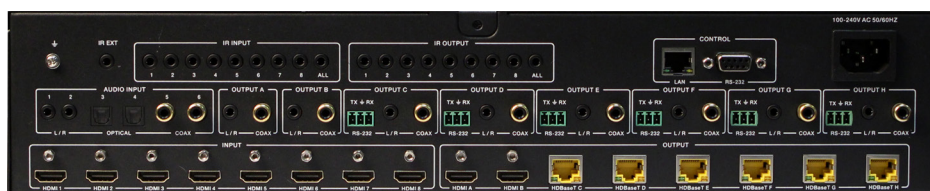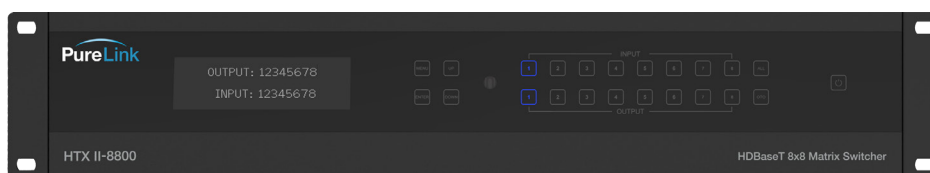# HTX II-8800 8x8 4K HDMI to HDBaseT™ Matrix Switcher w/PoE

The HDTools™ **HTX II-8800** provides independent switching of (8) Ultra HD/4K sources to (6) remote destinations via HDBaseT™ (with HTX II receivers, sold separately) and (2) local destinations via HDMI. The HTX II-8800 also features a built-in independent audio matrix with (16) audio outputs [8 audio breakouts/ 6 HDBaseT™ outputs/ 2 HDMI outputs] and (22) audio inputs [8 HDMI inputs/ 8 ARC audio inputs/ 6 external audio sources) with volume, mute, and delay adjustment.

The **HTX II-8800** is HDCP 2.2 compliant and offers PoE support on all HDBaseT™ outputs.

Key Features

- HDMI 2.0b (18Gbps), HDCP 2.2, HDCP 1.4, and DVI compliant
- (8) HDMI inputs, (6) HDBaseT™ outputs, and (2) independent HDMI outputs
- Supports resolutions up to 4K@60HZ (4:4:4) on all HDMI ports
- Supports automatic 4K@60Hz (4:4:4) to 4K@60Hz (4:2:0) conversion for all HDBaseT™ outputs
- Supports distances up to 330 ft. (100 m) via CATx
- Supports pass-through audio 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 PoE 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

TECHNICAL SPECIFICATIONS

COMPLIANCE	HDMI 2.0b, HDCP 2.2, HDCP 1.4
VIDEO BANDWIDTH	18 Gbps
SUPPORTED RESOLUTION	4K@50/60Hz (4:4:4), 4K@30Hz, 1080P@120Hz, and 1080P 3D@60Hz
COLOR SPACE	RGB, YCbCr 4:4:4, YCbCr 4:2:2
COLOR DEPTH	8-bit, 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	PCM 2.0, 32K/44.1K/48K/88.2K/96K/192K,16/20/24bit
AUDIO VOLUME	-20dB~0dB
L/R AUDIO FORMATS	Analog Stereo 2CH
INFRARED	20KHz~60KHz
ESD PROTECTION	Human body model - ±8kV (air-gap discharge) & ±4kV (contact discharge)

CONNECTIONS

INPUT TYPE/S	(8) HDMI Type A [19-pin female] (10) IR In [3.5mm Stereo Mini-jack] (6) RS-232 [Phoenix jack] (1) Ethernet [RJ45] (1) RS-232 [DB9] (2) L/R Audio In [3.5mm Stereo Mini-jack] (2) Optical Audio In [S/PDIF] (2) Coaxial Audio In [RCA]
OUTPUT TYPE/S	(2) HDMI Type A [19-pin female] (9) IR Out [3.5mm Stereo Mini-jack] (8) L/R Audio Out [3.5mm Stereo Mini-jack] (8) Coaxial Audio Out [RCA] (6) HDBaseT™ Out [RJ45]

ENCLOSURE

DIMENSIONS (W x D x H)	19" x 14.7" x 3.49"
WEIGHT	14.77 lbs.
POWER SUPPLY	Input: AC100~240V 50/60Hz
MAX POWER CONSUMPTION	85W
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)