

HTX III-4400

4x4 4K60 HDMI 2.0b to HDBaseT™ Matrix Switcher with Audio De-Embed



PureLink's HDTools™ **HTX III-4400** provides independent switching of (4) Ultra HD/4K sources to (4) 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-4400** 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
- (4) HDMI inputs, (4) 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)
- 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
- 1U 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	PCM 2.0 CH
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	(4) HDMI Type A [19-pin female] (4) IR In [3.5mm Stereo Mini-jack](1) RS-232 [Female DB9] (1) Ethernet [RJ45]
OUTPUT TYPE/S	(4) HDMI Type A [19-pin female] (4) IR Out [3.5mm Stereo Mini-jack] (4) Balanced Stereo Audio Out [5 pin mini phoenix] (4) Coaxial Audio Out [RCA] (4) HDBaseT™ Out [RJ45]

ENCLOSURE

DIMENSIONS (W x D x H)	19" x 10.1" x 1.75"
WEIGHT	6.8 lbs.
POWER SUPPLY	Input: AC100~240V 50/60Hz
MAX POWER CONSUMPTION	60W
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)