

HTX-4400-U

ULTRA HD 4X4 HDMI TO HDBASET™ MATRIX SWITCHER WITH POE



ULTRA HD
Ultra High Definition

HDCP
2.2

HDBT

Perfectly suited for a control room, board room, or family room, the **HTX-4400-U** performs world-class HDMI to HDBaseT™ matrix switching with Ultra HD/4K, HDCP v2.2 and POE support. The HTX-4400-U provides independent switching of (4) Ultra HD/4K sources to (4) remote destinations via HDBaseT™ (with HTX receivers, sold separately) and (4) local destinations via HDMI. It also provides convenient third-party control system compatibility via TCP/IP, RS-232 or IR, comprehensive EDID management, and a compact 1RU, rack-mountable chassis for easy installation.

KEY FEATURES

- > (4) Ultra HD/4K source devices independently switchable to (4) Ultra HD/4K destinations
- > Ultra HD/4K support with HDCP v2.2 compliance
- > HDBaseT™ 5-play technology for Ultra HD/4K video, HD multichannel audio distribution, bi-directional control via IR, RS-232 and LAN, Ethernet switching, and POE
- > Mirrored HDMI/HDBaseT™ outputs, providing up to 8 ports
 - (4) HDBaseT™ outputs for remote destinations (@100m)
 - (4) HDMI outputs for local destinations, such as in-room displays, AVRs, and switchers
- > Audio de-embedding for each output via (1) RCA analog stereo or (1) RCA coaxial digital output, selectable
- > Auto EDID management (EDID library and EDID emulation)
- > Full 3D compatibility (up to 1080p)
- > Supports Dolby TrueHD, Dolby Digital Plus and DTS-HD Master Audio plus LPCM (up to 192kHz)
- > Ideal for multi-zone applications to distribute A/V with control
- > DVI and DisplayPort support via HDMI ports with adapters (sold separately)
- > Includes IR remote for basic matrix switching
- > Front panel LCD display for easy menu navigation and status check
- > Compact 1RU rack-mountable chassis
- > HDMI v1.4b uncompressed video/audio up to 10.2 Gbps
- > Integrated Ethernet switch serves LAN to all connected zones
- > HDBaseT outputs directly drive HTX extender receivers (sold separately)
- > TCP/IP, RS-232, IR and front panel control
- > Bundle kits available with receivers
- > 3-year parts and labor warranty, extends to 5-year when used exclusively with PureLink TotalWire™ CATx cable (some restrictions may apply, ask factory for details)

PureLink
www.purelinkav.com

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GENERAL SPECIFICATIONS

Video Bandwidth	297MHz [10.2Gbps]
Support Video Resolution	480i, 576i, 480p, 576p, 720p, 1080i, 1080p24 / 30 / 50 / 60, 4Kx2K@30
Input Ports	4 x HDMI, 5 x IR Receiver, 1x RS232, 1 x RJ-45(Control), 4 x RS232
Output Ports	4 x CAT5e / 6 / 7, 4 x IR Blaster, 4 x HDMI
HDMI connector	Type A 19 pin female
RJ-45 connector	WE / SS 8P8C
3.5mm connector	IR Receiver / IR Blaster
ESD Protection	Human-body Model ± 8kV (Air-gap discharge) ± 4kV (Contact discharge)
Power Supply	AC Power Supply (US/EU standards, CE/FCC/UL certified)
Dimensions (W x D x H)	17.32 x 7.87 x 1.77 in. 440 x 200 x 45 mm
Weight	4.01 Lbs 1.8Kg
Chassis Material	Metal
Operating Temperature	32° ~ 104° F (0° to 40° C)
Storage Temperature	- 4° ~ 140° F (-20° to 60° C)
Relative Humidity	20 ~ 90 % RH (non-condensing)
Power Consumption	50 W(max) / 0.5w (Standby)

HTX-RX

HDBASET RECEIVER FOR HTX SERIES MATRIX SWITCHERS



KEY FEATURES

- > 330ft (100m) @ Ultra HD/4K
- > HDMI v1.4b uncompressed video/audio up to 10.2 Gbps
- > Receives POE from HTX matrix switchers
- > Bi-directional IR and RS232
- > Supports HD multichannel audio including Dolby TrueHD, Dolby Digital Plus and DTS-HD Master Audio plus LPCM (up to 192kHz)
- > Compact size for convenient installation behind displays
- > LED indicators for HDMI and HDBaseT signal status
- > Ethernet port for easy third party device networking