

VEO-XPT44A

HDBASET EXTENDERS

HDMI 2.0 HDBaseT Extender Kit 18Gps with Audio Extraction



PRODUCT OVERVIEW

VEO-XPT44A allows to extend a 4K video signal up to 40m or a Full HD signal up to 70m over a single Cat 5e/6 cable. It supports 4K video signals at 60Hz with 4:4:4 YUV chroma subsampling and HDR10. The transmitter includes a HDMI loop output for monitoring or daisy-chain connection. A stereo unbalanced output on Euroblock connector is available both on the transmitter and the receiver for easy integration. Also, VEO-XPT44A includes bidirectional PoH feature so the transmitter can be powered by the receiver and vice versa. With a reduced form factor and the added features of RS-232 and bidirectional IR, this is the perfect solution for any applications where AV and control extensions are required.

KEY FEATURES

- Supports up to 4K@60hz, YUV, 4:4:4 resolution
- Transmission distance reaches up to 70 meters when Full HD and 40 meters when 4Ksignal
- HDMI loop out on TRANSMITTER
- Bi-directional IR and RS232 pass-through
- Bidirectional POH (RECEIVER powered by TRANSMITTER or vice versa)
- PCM 2.0 Audio de-embedding on TRANSMITTER and RECEIVER
- HDCP2.2/1.4 compliant
- Support for HDR10 and 3D

APPLICATIONS

- Retail
- Hospitality
- Sport & Wellness

TECHNICAL SPECIFICATIONS

VEO-XPT44A

Video Performances	
Supported Resolutions	Up to 4Kx2K@60Hz
Colour Space	RGB, YCbCr
Chroma Subsampling	4:4:4, 4:2:2, 4:2:0
Colour Depth	8-bit, 10-bit, 12-bit, 16-bit only @4K30
HDR	HDR10
Signal Bandwidth	18 Gbps
HDCP	2.2 compliant
Video Connectors	Transmitter: - Input: Type-A Female HDMI - Output: Type-A Female HDMI Receiver: - Output: Type-A Female HDMI
Audio Performances	
Audio Formats	Dolby True-HD, DTS-HD Master Audio, PCM;
Sample Rate	32 KHz, 44.1 KHz, 48 KHz, 88.2 KHz, 96 KHz, 176.4 KHz, 192 KHz
Bit depth	KHz
Frequency Response	Up to 24-bit
Audio Output Connectors	20Hz–20KHz, ±3dB 1 x 3pin Euroblock for Stereo Unbalanced Output (PCM 2.0) both for TRANSMITTER and RECEIVER
Control	
EDID mode	3-positions EDID mode selector
LED indication	Green LED: HDbaseT connection OK Orange LED flashing: HDCP negotiation Orange LED fixed: HDCP encryption
General	
HDMI Distance	up to 10 meters / 33 ft with Ecler VEO cables
Cat.5e/6 Distance	CAT5e/6 @ 4K up to 35 m / up to 115 feet CAT6a/7 @ 4K up to 40 m/ up to 130 feet CAT5e/6 @ 1080p up to 60 m / up to 197 feet CAT6a/7 @ 1080p up to 70 m / up to 230 feet
Environmental	
Operation Temperature	-10 to +50°C (14 to +122 °F)
Humidity	5 - 90% RH (no condensation)
Power Supply	
Mains voltage	AC 100V ~ 240V 50/60Hz Output: DC 24V---1A
Rated power consumption	Max 12W
Mechanical	
Dimensions	154,4mm × 78,3mm × 20mm (6.08"x 3.08"x 0.79")
Weight	688g / 1.52lbs (Pair)

MECHANICAL DIAGRAM



All product characteristics are subject to variation due to production tolerances. **NEEC AUDIO BARCELONA S.L.** reserves the right to make changes or improvements in the design or manufacturing that may affect these product specifications.

For technical requests address to your supplier, distributor or fill the contact form in our website, at [Support / Technical Request](#).

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