

VEO-XPT44A

HDBASET® EXTENDERS

HDMI® 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

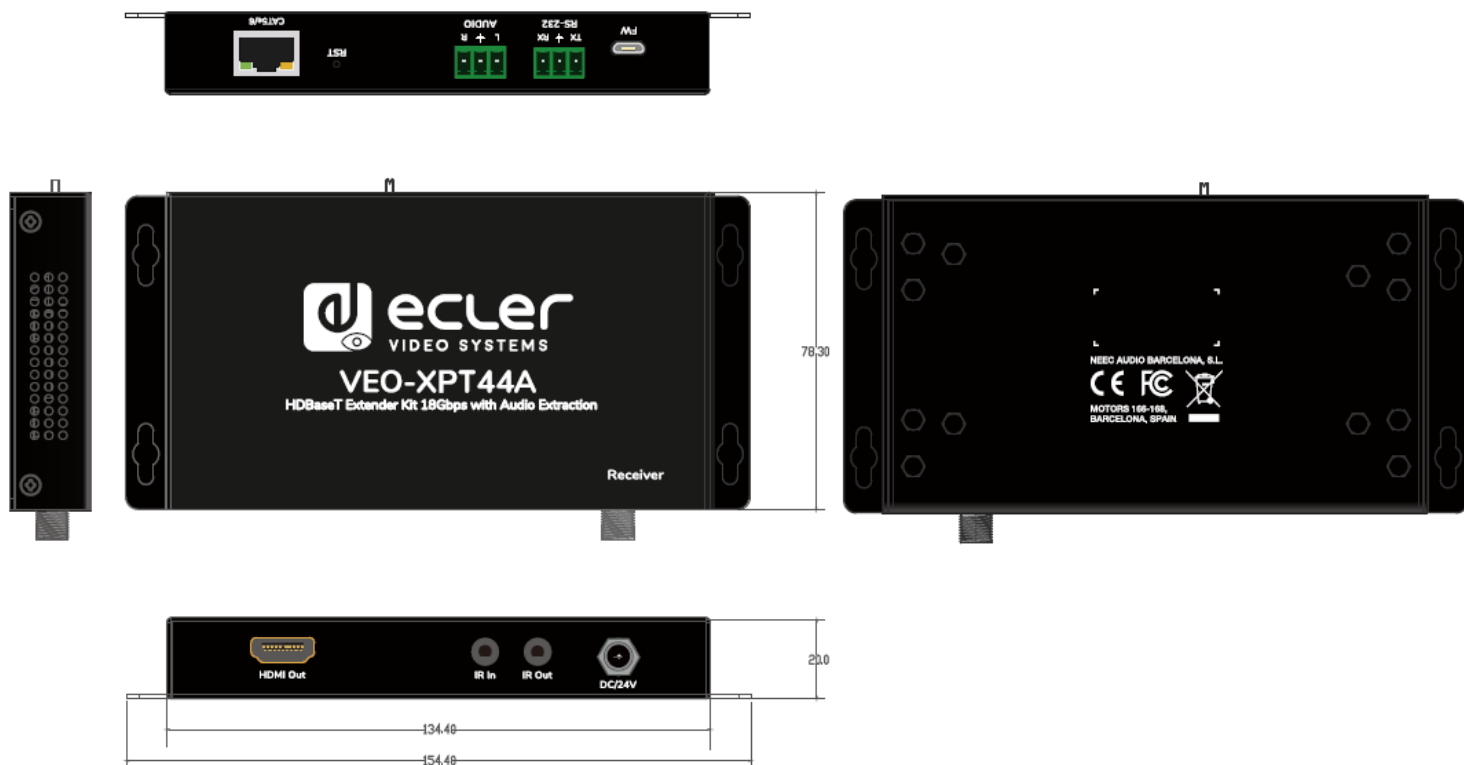
- Retail
- Hospitality
- Sport & Wellness

TECHNICAL SPECIFICATIONS

VEO-XPT44A

| | |
|-------------------------|--|
| Video Performances | |
| Supported Resolutions | 480i, 480p, 720i, 720p, 1080i, 1080p up to 60Hz, 1200p up to 25/30Hz, 4K up to 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 | Up to 24-bit |
| Frequency Response | 20Hz–20KHz, ±3dB |
| Audio Output Connectors | 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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