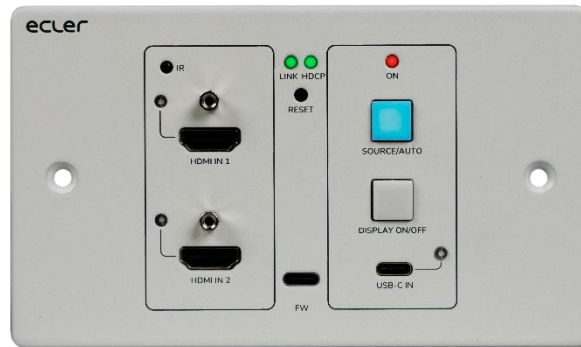


VEO-XWT44E

HDBASET EXTENDERS HDBASET WALL PLATE TRANSMITTER WITH EU FORMAT



PRODUCT OVERVIEW

Ecler VEO-XWT44E is a HDBaseT transmitter in European 2-gang wallplate format. It allows to extend one 4K video signal up to 40m over a single Cat 5e/6 cable or a FullHD signal up to 70m when connected to VEO-XRT44. It supports real 4K video signals at 60Hz with 4:4:4 YUV chroma subsampling and HDR 10 with a maximum bandwidth of 18Gbps. With bidirectional PoC feature, the transmitter can be powered by the receiver and vice versa. VEO-XWT44E includes 2 HDMI 2.0 Inputs and one USB-C Input selectable via front panel button, automatic switching feature or RS-232. It allows extending IR and a bidirectional RS-232 signal along with the video signal. A second front panel button can be used to switch ON/OFF a display via CEC or it can be alternatively programmed by IR learning or RS-232 to send two RS-232 commands, offering a simple and versatile control option.

KEY FEATURES

- Supports resolutions up to 4K@60Hz 4:4:4 HDR via HDMI and up to 4K@30Hz 4:4:4 via USB-C
- HDCP 2.2 supported.
- Extends 4K signals to distances up to 40 meters (131 feet) and 1080P signals to distances up to 70 meters (230 feet) over a single CATx cable.
- 18Gbps high bandwidth.
- Advanced EDID management: multiple built-in EDID settings or customized EDID can be selected.
- Auto switching function.
- Bidirectional RS232 pass-through and bidirectional 24V PoH.
- Supports CEC pass-through.
- Display ON/OFF button can be programmed to send CEC and RS232 command
- Provides LEDs to indicate the current operating status.
- Firmware upgrade by USB-C port.
- ESD protection

APPLICATIONS

- Retail shops
- Fitness Center
- Sports Bar
- Restaurants
- Hotels
- Residential applications

TECHNICAL SPECIFICATIONS

VEO-XWT44E													
Video Performances													
Supported Resolutions	Up to 4Kx2K@60Hz 4:4:4 8bit HDR10												
Audio Performances													
Audio Formats	Dolby Atmos, Dolby TrueHD, Dolby Digital Plus, Dolby Digital, DTS-X, DTS-HD Master Audio, DTS 5.1, PCM;												
Sample Rate	32 KHz, 44.1 KHz, 48 KHz, 88.2 KHz, 96 KHz, 176.4 KHz, 192 KHz												
PCM bit rate	up to 24-bit												
Frequency Response	20Hz-20KHz, ±3dB												
Max Output Level	2.0Vrms± 0.5dB												
SNR	>85dB, 20Hz - 20KHz bandwidth												
Control													
Control Ports	<table border="0"> <tr> <td>IR Receiver</td> <td>IR Sensor Embedded</td> </tr> <tr> <td>RESET</td> <td>Button</td> </tr> <tr> <td>SOURCE/AUTO</td> <td>Back-lit button</td> </tr> <tr> <td>IR Control</td> <td>2-pin Euroblock</td> </tr> <tr> <td>RS-232</td> <td>3-pin Euroblock</td> </tr> <tr> <td>FW</td> <td>Type-C USB Female</td> </tr> </table>	IR Receiver	IR Sensor Embedded	RESET	Button	SOURCE/AUTO	Back-lit button	IR Control	2-pin Euroblock	RS-232	3-pin Euroblock	FW	Type-C USB Female
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General													
HDMI Distance	up to 10 meters / 33 ft with Ecler VEO cables												
Transmission Standard	HDbaseT												

Cat.5e/6 Distance	CAT5e/6 @4K	up to 35m / up to 115ft
	CAT6a/7 @4K	up to 40m / up to 130ft
	CAT5e/6 @1080p	up to 60m / up to 197ft
	CAT6a/7 @1080p	up to 70m / up to 230ft
Environmental		
Operation Temperature	-10 to +55°C (14 to +131 °F)	
Humidity	10 - 90% RH (no condensation)	
Power Supply		
Mains voltage	AC 100V ~ 240V 50/60Hz	
Rated power consumption	Output: DC 24V---1.25A 22W Max	
Mechanical		
Dimensions	146mm × 86mm × 42mm (5.75" × 3.39" × 1.65")	
Weight	294g / 0.648 lbs	

MECHANICAL DIAGRAMS

