

VEO-SPH48

DISTRIBUTION AMPLIFIER / SPLITTER

1X8 HDMI® DISTRIBUTION AMPLIFIER / SPLITTER



PRODUCT OVERVIEW

VEO-SPH48 is a professional 1x8 HDMI® distribution amplifier/splitter. It supports HDR formats and HDMI® data rate up to 18Gbps, including 4K/UHD@60Hz video resolution with 4:4:4 chroma sampling. It includes EDID management in three different modes and it is HDCP 2.2 compliant. VEO-SPH48 guarantees seamless integration for all applications that require latest 4K/UHD and HDR sources and displays.

KEY FEATURES

- Simultaneously displays Ultra Hi-Definition source on up to eight Ultra HD displays
- Supports resolution up to Ultra HD 4Kx2K (4096x2160@60Hz YUV 4:4:4)
- Three EDID setting modes
- HDCP 2.2/1.4 Compliant
- Supports 36 bit Deep Color
- Supports LPCM 7.1, Dolby TrueHD, Dolby digital Plus, and DTS-HD Master Audio
- Supports HDR and 3D content
- Supports up to 18Gbps video data rate

APPLICATIONS

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

TECHNICAL SPECIFICATIONS

VEO-SPH48

Audio and Video performances

Supported Resolutions	Up to 4096x2160@60Hz 4096x2160@24/25/30/50/60Hz, 3840x2160@24/25/30/50/60Hz, 2048x1080p 1080p@23.98/24/25/29.97/30/50/59.94/60Hz,1080i@50/59.94/ 60Hz,720p@50/59.94/60Hz, 576p, 576i, 480p, 480i
Colorspace	RGB, YCbCr
Chroma Subsampling	4:4:4, 4:2:2, 4:2:0
Color depth	8-bit, 10-bit, 12-bit
HDR	HDR 10
Signal Bandwidth	18 Gbps
HDCP	2.2/1.4 Compliant
Audio Formats	PCM 2Ch, LPCM 5.1, LPCM 7.1, Dolby Digital, DTS 5.1, Dolby TrueHD, DTS-HD Master Audio
Sample Rate	32kHz, 44.1kHz, 48kHz, 88.2kHz, 96kHz, 176.4kHz, 192kHz
Bit rate	up to 24-bit
HDMI® Distance	up to 10 meters (33 feet) with Ecler VEO cables
Operation Temperature	-5 to +40°C (+41 to +104°F)
Humidity	5 to 90% (no condensation)
Power Consumption	5 W Maximim
Power Supply	AC 100V ~ 240V 50/60Hz Output: DC 5V---1A

MISCELLANEOUS

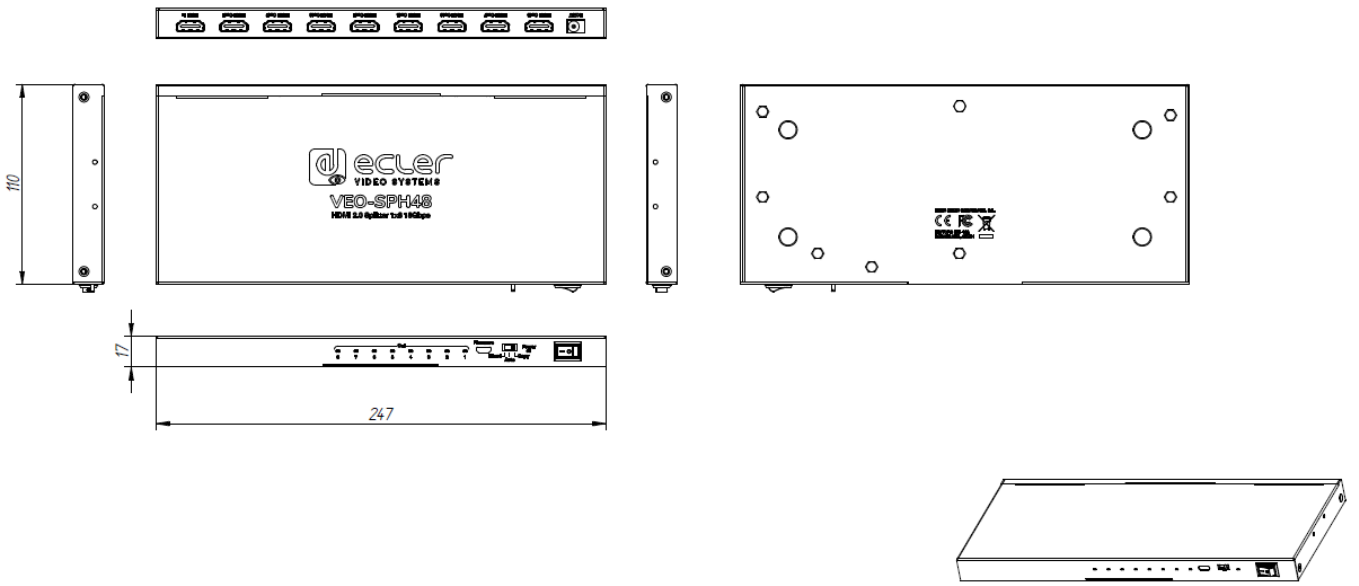
Dimensions (W x H x D)	248 x 17 x 110 mm / 9.76 x 0.67 x 4.33 in.
Weight	610g / 1.34 lb

MECHANICAL DIAGRAM



Ecler VEO-SPH48 Mechanical Diagram

All the measurements are in mm



61-0873-0200

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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 queries contact your supplier, distributor or complete the contact form on our website, in [Support / Technical requests](#).

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