

# VEO-SPH44

## DISTRIBUTION AMPLIFIER / SPLITTER

### 1X4 HDMI® DISTRIBUTION AMPLIFIER / SPLITTER



## PRODUCT OVERVIEW

**VEO-SPH44** is a professional 1x4 HDMI® distribution amplifier/splitter. It supports HDR formats and HDMI® data rate up to 18Gbps at 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-SPH44 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 four 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 contents
- Supports up to 18Gbps video data rate

## APPLICATIONS

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

## TECHNICAL SPECIFICATIONS

## VEO-SPH44

## Audio and Video performances

<b>Supported Resolutions</b>	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
<b>Colorspace</b>	RGB, YCbCr
<b>Chroma Subsampling</b>	4:4:4, 4:2:2, 4:2:0
<b>Color depth</b>	8-bit, 10-bit, 12-bit
<b>HDR</b>	HDR 10
<b>Signal Bandwidth</b>	18Gbps
<b>HDCP</b>	2.2/1.4 Compliant
<b>Audio Formats</b>	PCM 2Ch, LPCM 5.1, LPCM 7.1, Dolby Digital, DTS 5.1, Dolby TrueHD, DTS-HD Master Audio
<b>Sample Rate</b>	32kHz, 44.1kHz, 48kHz, 88.2kHz, 96kHz, 176.4kHz, 192kHz
<b>Bit rate</b>	up to 24-bit
<b>HDMI® Distance</b>	up to 10 meters (33 feet) with Ecler VEO cables
<b>Operation Temperature</b>	-5 to +40°C (+41 to +104°F)
<b>Humidity</b>	5 - 90% RH (no condensation)
<b>Power Consumption</b>	2 W Maximum
<b>Power Supply</b>	AC100~240V 50/60Hz Output: DC 5V/1A

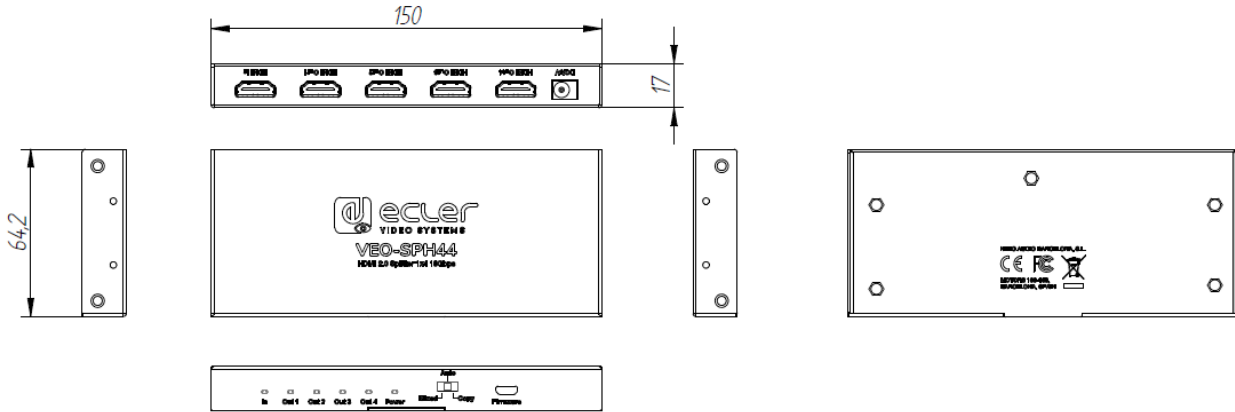
## MISCELLANEOUS

<b>Dimensions (W x H x D)</b>	150 x 17 x 65 mm / 5.9 x 0.67 x 2.56 in.
<b>Weight</b>	245g / 0.54 lb

MECHANICAL DIAGRAM

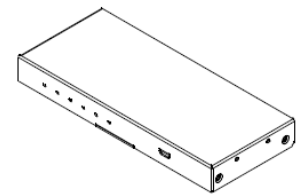


Ecler VEO-SPH44 Mechanical Diagram



All the measurements are in mm.

61-0872-0200



[www.ecler.com](http://www.ecler.com)



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.

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