

VEO-SPH42

DISTRIBUTION AMPLIFIER / SPLITTER

1X2 HDMI® DISTRIBUTION AMPLIFIER / SPLITTER



PRODUCT OVERVIEW

VEO-SPH42 is a professional 1x2 HDMI® distribution amplifier/splitter. It supports HDR formats and HDMI® data rate up to 18Gbps, with 4K/UHD@60Hz video resolution and 4:4:4 chroma sampling. It includes EDID management in three different modes and it is HDCP 2.2 compliant. VEO-SPH42 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 two 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-SPH42

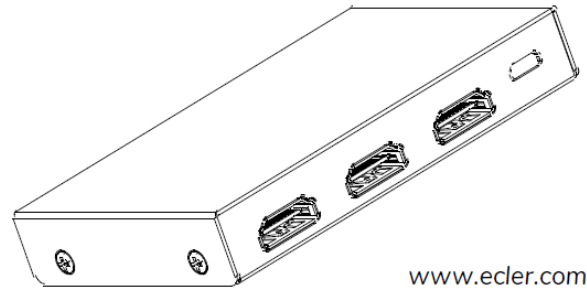
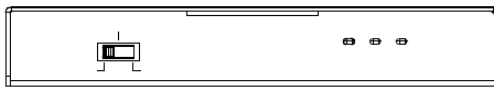
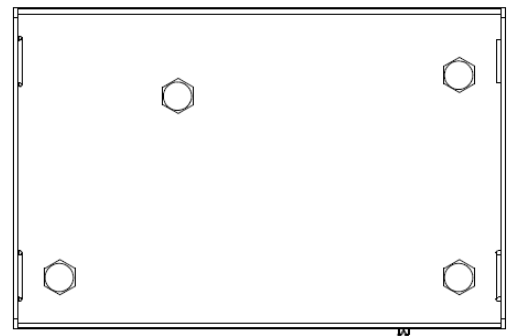
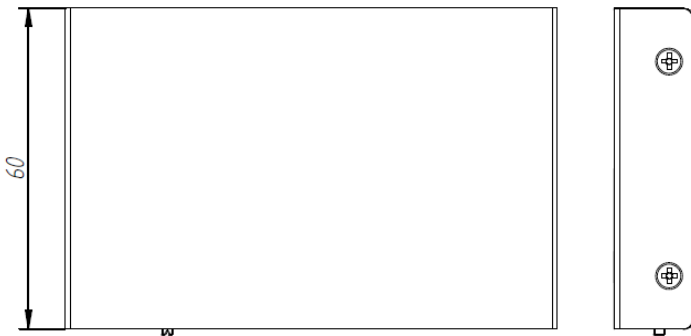
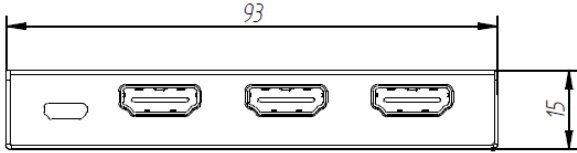
Audio and Video performances

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|-----------------------|--|
| 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,7 20p@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 | HDR10 |
| 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 |
| Sample Rate | 32 KHz, 44.1 KHz, 48 KHz, 88.2 KHz, 96 KHz, 176.4 KHz, 192 KHz |
| HDMI® Distance | up to 10 meters (33 feet) with Ecler VEO cables |
| Operation Temperature | -5 to +40°C (+41 to +104°F) |
| Humidity | 5 - 90% (no-condensation) |
| Power Consumption | 1 W Max |
| Power Supply | AC 100V ~ 240V 50/60Hz Output: DC 5V---1A |
| Miscellaneous | |
| Dimensions (WxHxD) | 93 x 15 x 60 mm. / 3.66 x 0.59 x 2.36 in. |
| Weight | 120g / 0.265 lb |

MECHANICAL DIAGRAM



Ecler VEO-SPH42 Mechanical Diagram



All the measurements are in mm

61-0871-0200

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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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