

VEO-SPH44

DISTRIBUTION AMPLIFIER / SPLITTER 1x4 HDMI 2.0 DISTRIBUTION AMPLIFIER / SPLITTER



PRODUCT OVERVIEW

Ecler VEO-SPH44 is a professional 1x4 HDMI 2.0 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 DATA

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 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 - 90% RH (no condensation)

Power Consumption 2 W Maximum

Power Supply AC100~240V 50/60Hz Output: DC 5V/1A

MISCELLANEOUS

Dimensions W x H x D 150mm x 17mm x 65mm / 5.9" x 0.67" x 2.56"

Weight 245g / 0.54 lb

MECHANICAL DIAGRAMS

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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