

VEO-SPH42

DISTRIBUTION AMPLIFIER / SPLITTER 1x2 HDMI 2.0 DISTRIBUTION AMPLIFIER / SPLITTER



PRODUCT OVERVIEW

Ecler VEO-SPH42 is a professional 1x2 HDMI 2.0 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 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 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 W x H x D** 94mm x 15mm x 61mm / 3.7" x 0.59" x 2.4"**Weight** 120g / 0.265 lb

MECHANICAL DIAGRAMS

