

## VEO-SPH48

### DISTRIBUTION AMPLIFIER / SPLITTER

#### 1x8 HDMI 2.0 DISTRIBUTION AMPLIFIER / SPLITTER



#### PRODUCT OVERVIEW

Ecler VEO-SPH48 is a professional 1x8 HDMI 2.0 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 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** 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** 248mm x 17mm x 110mm (9.76" x 0.67" x 4.33")

**Weight** 610g / 1.34 lb

MECHANICAL DIAGRAMS

