

VEO-SWH44

SWITCHERS & MATRIXES

HDMI 2.0 4x1 18GPBS Switcher with Audio De-Embedder & Rs-232 Control



PRODUCT OVERVIEW

VEO-SWH44 is a professional 4x1 HDMI 2.0 switcher. It supports HDR formats and HDMI data rate up to 18Gbps, including 4K/UHD@60Hz video resolution with 4:4:4 chroma sampling. The control includes auto-switching feature, front panel buttons, RS-232 and IR with remote control. VEO-SWH44 is HDCP 2.2 compliant, and it guarantees seamless integration for all applications that require latest 4K/UHD and HDR sources and displays.

KEY FEATURES

- 4x1 Ultra High Definition source selector compliant with HDMI 2.0a standard
- Video formats up to 4Kx2K (4096x2160@60Hz YUV 4:4:4) and all HDMI 3D video formats.
- Supports HDR and 3D content
- HDCP 2.2/1.4 Compliant
- Supports 36 bit Deep Colour
- Supports smart EDID audio management (Auto/2CH/5.1CH/7.1CH selectable)
- Supports PCM, Dolby TrueHD, DTS-HD Master Audio up to 7.1CH
- Supports Audio Return Channel (ARC)
- Digital and analog audio output
- RS-232 Control
- Supports up to 18Gbps video data rate

APPLICATIONS

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

TECHNICAL SPECIFICATIONS

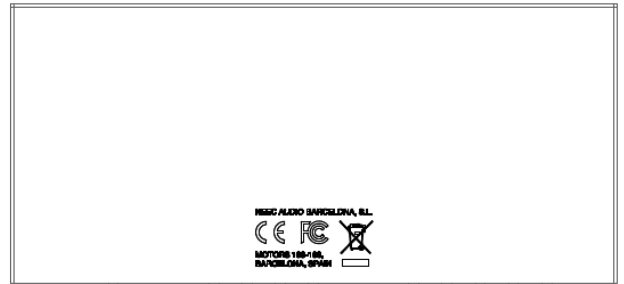
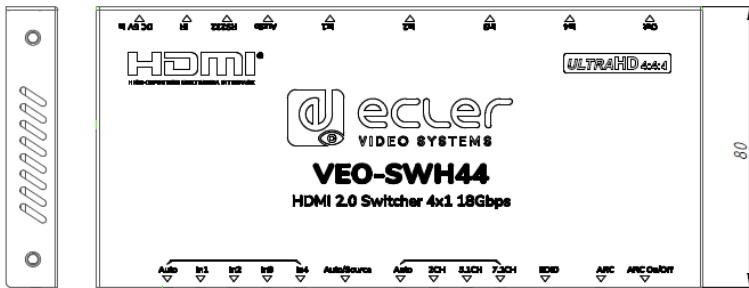
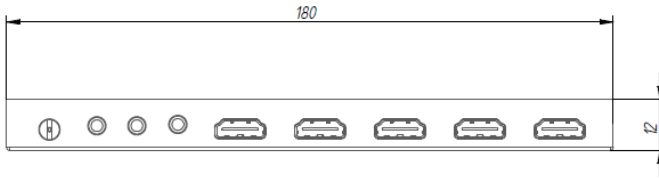
VEO-SWH44

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
Colour space	RGB, YCbCr
Chroma Subsampling	4:4:4, 4:2:2, 4:2:0
Colour 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
HDMI Distance	up to 10 meters (33 feet) with Ecler VEO cables
Operation Temperature	0°C - 40°C / 32°F - 104°F
Humidity	20 - 90% RH (no condensation)
Power Consumption	2.5 W Maximum
Power Supply	AC 100V ~ 240V 50/60Hz Output: DC 5V---1A
Miscellaneous	
Dimensions (WxHxD)	180 x 12 x 80 mm / 7.09 x 0.47 x 3.15 in.
Weight	0.3 kg / 0.661 lb
Shipping Dimensions (WxHxD)	250 x 55 x 185 mm / 9.84 x 2.17 x 7.28 in.
Shipping Weight	0.7 kg / 1.54 lb

MECHANICAL DIAGRAM



Ecler VEO-SWH44 Mechanical Diagram



All the measurements are in mm

61-0881-0200

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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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