

# VEO-SWM45

## SWITCHERS & MATRIXES

### 4K 5x1 Presentation Switcher With HDBaseT Extender



## PRODUCT OVERVIEW

**VEO-SWM45** is a 5x1 presentation switcher and scaler that supports 4K/UHD video signal. 5 inputs include 3 HDMI ports, 1VGA (YPbPr/CVBS) and 1 DisplayPort scaled to one HDMI output with a mirrored HDBaseT extension. VEO-SWM45 control options include auto-switching feature, front panel touch buttons, logic inputs, Telnet, Web GUI, RS-232 and IR using the included remote control. An integrated audio matrix consisting of unbalanced Line inputs and outputs ensures that VEO-SWM45 has a great flexibility for embedding and de-embedding audio signal, while a balanced Mic/Line input for a Presenter microphone skips the need of external preamplifiers. VEO-SWM45 supports EDID management and it is HDCP 2.2 compliant. It represents a perfect solution in a large number of purposes including educational, corporate and commercial applications.

## KEY FEATURES

- Ultra High Definition source selector with presentation features and integrated scaler
- Three HDMI 2.0 Inputs, one VGA (YPbPr/CVBS) and one DisplayPort video inputs
- Five Unbalanced Stereo and one Balanced Microphone/Line Inputs with 48V phantom power
- Digital video resolution up to 4Kx2K (4096x2160@60Hz YUV 4:4:4)
- VGA resolution up to 1920x1200@60Hz
- Output resolution up to 4096x2160@30Hz
- Mirrored HDBaseT output for extension up to 70m (230 feet)
- HDCP 2.2 Compliant
- Supports automatic and manual switching
- Supports EDID management
- Supports PCM stereo pass-through
- Touch Panel buttons, Embedded Web GUI, IR Remote Control, Logic contacts and RS-232 control

## APPLICATIONS

- Corporate meeting room
- Small conference room
- Classroom

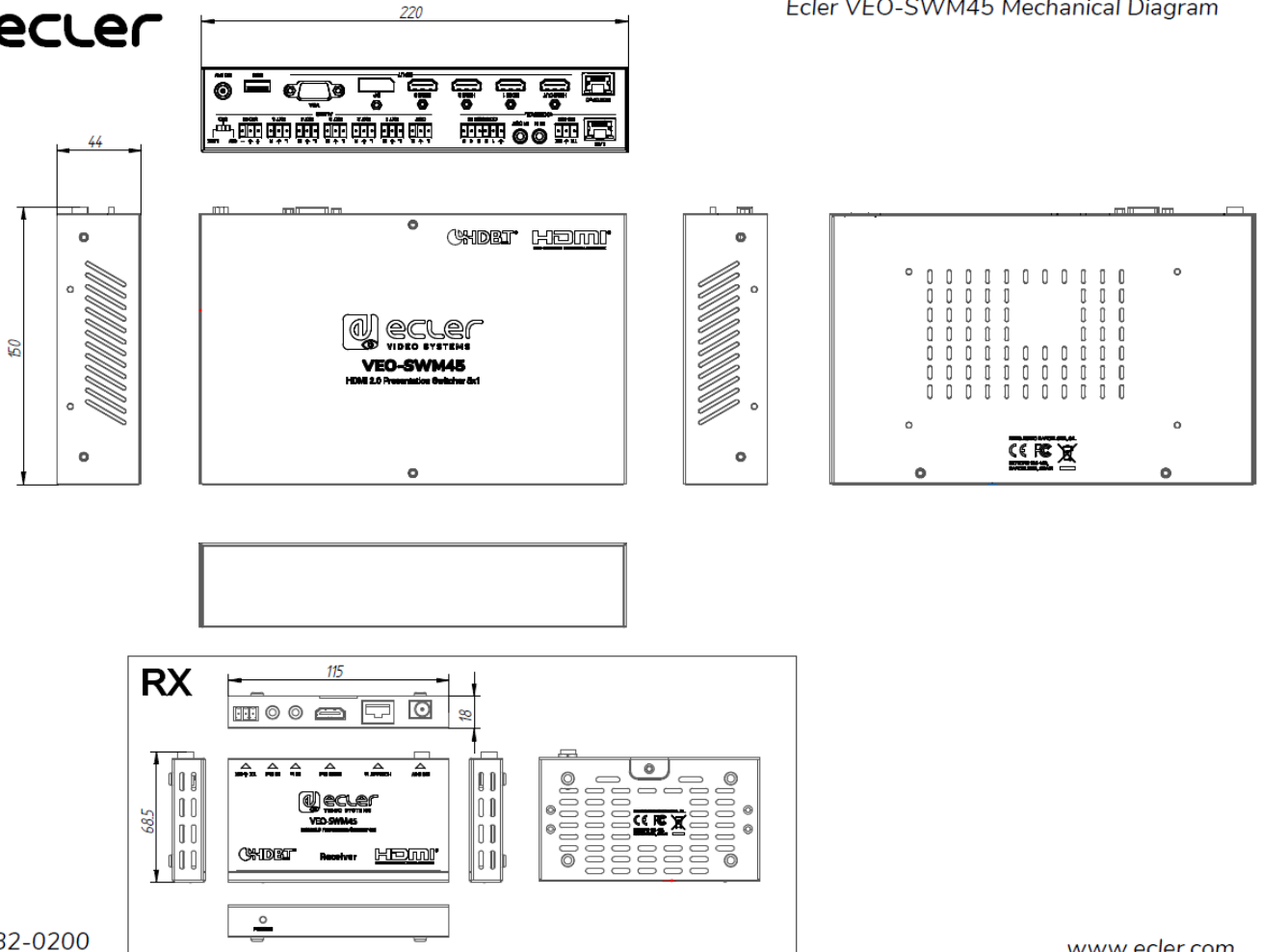
## TECHNICAL SPECIFICATIONS

VEO-SWM45	
Audio and Video performances	
<b>Input Resolutions</b>	HDMI/DisplayPort: up to 3840x2160@50/60Hz (4:4:4) CVBS: PAL/NTSC3.58/NTSC4.43/SECAM/PAL M/PAL N YPBPR: 480i to1080p VGA: 640x480/60 Hz to1920x1200/60 Hz
<b>Output Resolutions</b>	3840x2160@30, 3840x2160@25, 1920x1080p60, 1920x1080p50, 1280x720p/60, 1280x720p/50, 1024x768/60, 1280x800/60, 1360x768/60, 1400x1050/60, 1680x1050/60, 1920x1200/60
<b>Color depth</b>	Up to 12-bit
<b>Signal Bandwidth</b>	18 Gbps Input 10.2Gbps Output and HDbaseT
<b>HDCP</b>	2.2/1.4 Compliant
<b>Audio Formats</b>	LPCM 2 CH
<b>Sample Rate</b>	up to 24-bit
<b>Bit rate</b>	32 KHz, 44.1 KHz, 48 KHz, 88.2 KHz, 96 KHz, 176.4 KHz, 192 KHz
<b>HDMI Distance</b>	up to 10 meters (33 feet) with Ecler VEO cables
<b>Operating Temperature</b>	0°C - 40°C / 32°F - 104°F
<b>Humidity</b>	20 - 90% RH (no condensation)
<b>Power Consumption</b>	18 W Max
<b>Power Supply</b>	AC 100V ~ 240V 50/60Hz Output: DC 24V---1A
Miscellaneous	
<b>Dimensions (WxHxD)</b>	220 x 44 x 150 mm / 8.66 x 1.73 x 5.9 in.
<b>Weight</b>	1.25 kg / 2.75 lb
<b>Shipping Dimensions (WxHxD)</b>	320 x 100 x 310 mm / 12.6 x 3.94 x 12.2 in.
<b>Shipping Weight</b>	2.1 kg / 4.63 lb

MECHANICAL DIAGRAM



Ecler VEO-SWM45 Mechanical Diagram



All the measurements are in mm

61-0882-0200

[www.ecler.com](http://www.ecler.com)



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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