

# VEO-SWM45

# 4K 5x1 presentation switcher with HDBAseT extender



#### **PRODUCT OVERVIEW**

Ecler 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

1/4



#### **TECHNICAL DATA**

Audio and Video performances	
Input Resolutions	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
Output Resolutions	3840x2160@30, 3840x2160@25, 1920x1080p60, 1920x1080p50, 1280x720p/60, 1280x720p/50, 1024x768/60, 1280x800/60, 1360x768/60, 1400x1050/60, 1680x1050/60, 1920x1200/60
Color depth	Up to 12-bit
Signal Bandwidth	18 Gbps Input 10.2Gbps Output and HDbaseT
НДСР	2.2/1.4 Compliant
Audio Formats	LPCM 2 CH
Sample Rate	up to 24-bit
Bit 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
Operating Temperature	0°C - 40°C / 32°F - 104°F
Humidity	20 - 90% RH (no condensation)
Power Consumption	18 W Max
Power Supply	AC 100V ~ 240V 50/60Hz Output: DC 24V1A

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. Motors, 166-168 08038 Barcelona - Spain - (+34) 932238403 information@ecler.es **www.ecler.com** 

## ECLER TECHNICAL DATA SHEET

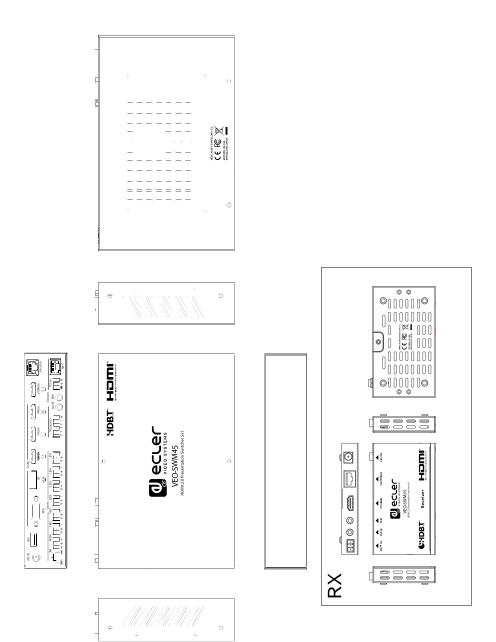


### MISCELLANEOUS

Dimensions H x W x D 150mm x 220mm x 44mm (5.90" x 8.66" x 1.73")

Weight 1250g / 2,75 lbs

#### 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. Motors, 166-168 08038 Barcelona - Spain - (+34) 932238403 information@ecler.es **www.ecler.com**