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, 1 VGA (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

| 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 to 1080p  
|                  | VGA: 640x480/60 Hz to 1920x1200/60 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  
|                  | 10.2 Gbps Output and HDbaseT  
| HDCP | 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 24V --- 1A  

### Miscellaneous

| Dimensions (WxHxD) | 220 x 44 x 150 mm / 8.66 x 1.73 x 5.9 in.  
| Weight | 1.25 kg / 2.75 lb  
| Shipping Dimensions (WxHxD) | 320 x 100 x 310 mm / 12.6 x 3.94 x 12.2 in.  
| Shipping Weight | 2.1 kg / 4.63 lb  

MECHANICAL DIAGRAM

Ecler VEO-SWM45 Mechanical Diagram

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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