

VSS-51 (VSW-51 & VSW-51R) 5 x 1 HDBT Presentation Scaler Switcher

Made up of the VSW-51 5x1 presentation scaler switcher and the VSW-51R HDBaseT™ receiver, the VSS-51 Presentation Scaler Switcher Kit is the perfect AV solution in conference rooms, classrooms and lecture halls. The VSW-51 combines seamless switching with advanced scaling to provide excellent picture quality regardless of the source. The compact switcher comes with five video inputs, including three HDMI®, one display port and one VGA port. Video is output through an HDMI® port and a mirrored HDBaseT™ port for delivery of HD video to an additional display via the included VSW-51R HDBaseT™ receiver. A Mic input is also available with support for condenser and dynamic microphones, and line level audio.

Key Features

- High-definition, multi-format 5x1 presentation switcher
- Includes VSW-51R HDBaseT™ Receiver.
- Built-in scaler upscales input resolution to up to 1920x1200 output resolution.
- Auto-switching, Quick Switch technology.
- HDMI® output
- Mirrored HDBaseT™ output enables long-distance wiring over CAT cable.
- Supports HDBaseT™ 4-Play with transmission of video, audio, power (PoH) and control signals (IR / RS-232) over a single CAT cable.
- Provides signal switching of up to 5 video sources.
- Mirrored HDMI® and HDBaseT™ output 230ft (70m) for Full HD video.
- Supports HDMI®, Display Port and VGA sources.
- Balanced/unbalanced adjustable microphone input with 48V phantom power for condenser, dynamic or wireless microphones.
- Controllable via front control panel, RS-232 or web interface.

Included in the Box

VSW-51 Video Switcher, mounting ears (2) with screws for switcher, plastic cushions (4) for switcher, VGA to YPbPr converting cable (1), 3-pole terminal blocks (2), 5-pole terminal block (1), power adaptor 24V DC 2.71A (1), power cord (1)

VSW-51R HDBaseT™ Receiver, mounting ears (2) with screws for receiver, plastic cushions (4) for receiver RS-232 cable (1)



Specifications

VSW-51 Presentation Scaler Switcher

Power Supply +24 VDC, 2.71A
 Mounting Surface / wall mount or free standing
 Dimensions WxHxD .. 8.66" x 1.73" x 2.85" (220 x 44 x 172.5mm)
 Weight 1.76lb (800g)
 Digital Video Input..... One HDMI®/MHL, Two HDMI®,
 One Display Port
 Analog Video Input..... One VGA, female 15-pin
 (VGA, YPbPr, Composite Video)
 Video Output (mirrored).....One HDMI®, One HDBaseT™
 with PoH (RJ45), 1920x1200≤229ft (70m)
 Output resolution range 1920x1200, 1920x1080, 1600x1200,
 1600x900, 1360x768, 1280x800, 1280x720, 1024x768
 Compliance HDMI® 1.4, HDCP 2.2
 Audio Line Input Two Analog Stereo for VGA and
 Display Port (3.5mm jack)
 Microphone Input One balanced/unbalanced (3-pin Phoenix
 Connector), Switchable Line / 48V Phantom Power
 Audio Input Impedance.....>10kOhms
 Audio Output One Dual-Mono Analog Audio
 (5-pin Phoenix Connector)
 Audio Output Impedance 70 Ohms
 Frequency Response..... 20Hz to 20KHz
 Stereo Channel Separation..... >80dB @ 1kHz

Front Panel Control.....6 Buttons, 1 Volume Knob,
 Bargraph and Status LED
 RS-232 One, Bi-directional (3-pin Phoenix) for VSS-51
 or remote device through HDBaseT™
 IR Control of local or remote devices..... One, 3.5mm jack (IR IN)
to IR OUT or HDBaseT™ to IR OUT on HDBaseT™ Receiver
 USBType-A for Firmware Update
 Ethernet Port One, 10/100Base-T (RJ45)

VSW-51R HDBaseT™ Receiver (included)

Power Supplyvia PoH (Power over HDBaseT™)
 InputOne HDBaseT™ with PoH (RJ45)
 Output..... One HDMI®
 ComplianceHDMI® 1.4, HDCP 2.2
 Control Ports..... One RS-232 Bi-directional (3-pin Phoenix)
 One IR in (3.5 mm jack), one IR out (3.5 mm jack)

General

MountingSurface / wall mount or free standing
 Operating Temperature 14°F to 104°F (-10°C to +40°C)
 Operating Humidity 5% to 95% Non-condensing
 Warranty..... Three Years (Parts & Labor)

All features and specifications subject to change without notice

Example Schematic

