

## HDBaseT™ Seamless Presentation Switcher & Scaler w/ 5 inputs

Fast Switch & Scale Five inputs on to 2 mirrored displays

MPN: SW-HDSC51HDBT



**4K**  
ULTRA HD

The **KanexPro SW-HDSC51HDBT** is a seamless switcher with 5-inputs (3 HDMI, 1 DP & 1 VGA), with one local HDMI output and one HDBaseT™ output designed to switch and scale up to 5 devices to one or more displays (mirrored). It supports instant seamless switching from one device to another with zero latency no matter what its connected to. Fully compliant with the latest HDCP 2.2 specs, this switcher supports CEC commands and EDID management. The output of the switcher can be extended with via PoH (power over HDBaseT) to up to 230 feet. (70m) with the receiver included in the system.

The switcher can be controlled using one IR input, one IR output & one RS-232 port, the IR & RS-232 signals can be broadcasted bi-directionally between the seamless scaler-switcher and the HDBaseT receiver. In addition, the switcher can also be controlled via web-based GUI, front panel buttons, RS 232 commands and through IR remote.

### FEATURES

- Seamlessly switch & scale 5-video inputs to 2-outputs using HDBaseT & HDMI
- Auto-switching enabled
- HDBaseT output extends CAT5e/6 distance up to 230 feet (70 meters)
- Includes HDBaseT receiver w/ PoH support
- Built-in Audio De-embedder for HDMI & VGA inputs
- Selectable output resolutions supported: 1920x1200, 1920x1080, 1600x1200, 1360x768, 1280x800, 1280x720, 1024x768
- HDCP 2.2 compliant & CEC
- VGA video supports C-video, YPbPr and VGA
- 48V phantom power for condensers
- MIC port supports balanced/unbalanced signal, suppresses external noise effectively
- 3-level MIC input for use with: condenser, dynamic & wireless microphones
- Bi-directional IR & RS232 control
- Controllable via buttons, IR remote, RS232 & Web-based GUI
- Includes IR remote
- Powerful OSD function

### SPECIFICATIONS

VIDEO	
Video Input	1 x HDMI/MHL 2 x HDMI 1 x DP 1 x VGA
Video Input Connector	3 female HDMI 1 x DisplayPort 1 x female VGA (15-pin)
Input Video Signal	HDMI, DP, YPbPr, C-video, VGA
Video Output	1 x HDMI 1 x HDBaseT
Video Output Connector	1 x female HDMI 1 x RJ45
Output Video Signal	HDMI, HDBaseT
Output Resolution	1920x1200, 1920x1080, 1600x1200, 1600x900, 1360x768, 1280x800, 1280x720, 1024x768.
Standards	Compliant with HDMI 1.4 & HDCP2.2

AUDIO	
Audio Input	1 x stereo audio input for DP 1 x stereo audio input for VGA 1 x Microphone audio
Audio Input Connector	2 x 3.5mm Stereo jacks 1 x 3-Pin phoenix connector
Audio Input Impedance	>10k $\Omega$
Audio Output	1 x Dual-Mono analog audio
Audio Output Connector	1 x 5-Pin phoenix connector
Audio Output Impedance	70 $\Omega$
Frequency Response	20Hz-20K Hz
Stereo Channel Separation	>80dB @1KHz
CONTROL PART	
Control port	1 x IR IN 1 x IR OUT 1 x IR EYE 1 x RS232 1 x TCP/IP
Control Connector	3 x 3.5mm mini jack 1 x 3-Pin phoenix connectors 1 x RJ45
GENERAL	
Transmission Distance	1080p $\leq$ 70m(Cat6)
Temperature	0 ~ +50 $^{\circ}$ C
Humidity	10% - 90%
Power Supply	DC24V, 2.71A
Power Consumption	27Watts
Dimension (W*H*D)	8.6" x 1.7"x 6.8" (220mm x 44mm x 172.5mm)
Weight	1.76 lbs. (800g)