

WYRESTORM 5 X 1 HDBASET PRESENTATION SWITCHER WITH MIC CONTROL AND CEC

SW-0501-HDBT



KEY FEATURES:

- Features auto scaler to output the best resolutions from 640 x 480 to 1920 x 1200 @ 60Hz based on the EDID of the display as well as different fixed resolutions
- Features CEC capability, which allows the SW-0501-HDBT to make CEC-enabled devices such as TVs enter standby mode and return to their normal working state without user intervention. This functionality is also possible with RS232 port in the rear panel.
- Supports one microphone inputs, one stereo audio inputs and one auto mix stereo audio output
- 4 HDMI and 1 VGA audio source inputs to duplicate HDBaseT and HDMI outputs.
- Choose from various control methods: front panel display buttons, LAN (Telnet & Web GUI), RS232 and IR.

The SW-0501-HDBT can have up to 4 HDMI and 1 VGA source connected with embedded audio onto the output signal for the VGA source. The internal scaler ensures instant source switching by matching the resolution of the display device up to 1920 x 1200p. This unit features an adjustable microphone input with selectable phantom power, which can be mixed with the source audio and sent via the line-level output. The output signal can be HDMI or HDBaseT for transmission distances up to 100m/328ft. PoH, Ethernet and control can all be sent to a WyreStorm RX-70-4K receiver (sold separately).

ADDITIONAL FEATURES & BENEFITS:

- Allows up to five inputs to be switched to two mirrored outputs
- Supports four HDMI inputs and one VGA input
- Has one HDMI output and one HDBaseT output
- Features fast and seamless switching among HDMI and VGA inputs
- Supports input resolution up to 1920 x 1200 @ 60Hz
- Remembers the connected sequence of each input and follows the Last-In-First-Out rule, always outputting the most recently connected active source
- Bi-directional IR pass-through over the HDBaseT output, allowing control of IR capable devices connected to an HDBaseT receiver
- Bi-directional RS232 pass-through over HDBaseT output, allowing control of RS232 capable devices connected to a HDBaseT receiver
- Features audio embedding and de-embedding, VGA source is embedded with a corresponding stereo audio for AV input. When switching, this audio can be extracted from AV output
- Supports PoH to provide power for a PoH-enabled HDBaseT receiver, eliminating the need for a nearby outlet
- Offers phantom power for microphone input
- Supports HDBaseT transmission distances up to 100m/328ft at 1080p
- Single cable solution including transmission of AV, IR, RS232, and power over HDBaseT
- Control via IP, RS232, WebUI or local push-button

IN THE BOX

1 x SW-0501-HDBT Main Unit
 1 x Power Cord (100~240 VAC)
 1 x Phoenix Connector (Male, 3.5 mm, 11 pins)

1 x Phoenix Connector (Male, 3.5 mm, 5 pins)
 2 x Phoenix Connector (Male, 3.5 mm, 4 pins)
 4 x Phoenix Connector (Male, 3.5 mm, 3 pins)

SPECIFICATIONS

Video Input	4 x HDMI IN, 1 x VGA IN	
Input Signal Type	HDMI:	HDMI1.3a
Input Resolution Supported	HDMI:	640 x 480 @ 60Hz, 720 x 480i @ 60Hz, 720 x 480p @ 60Hz, 720 x 576i @ 50Hz, 720 x 576p @ 50Hz, 800 x 600 @ 60Hz, 1024 x 768 @ 60Hz, 1280 x 720p @ 30Hz, 1280 x 720p @ 50Hz, 1280 x 720p @ 60Hz, 1280 x 768 @ 60Hz, 1280 x 800 @ 60Hz, 1280 x 1024 @ 60Hz, 1360 x 768 @ 60Hz, 1366 x 768 @ 60Hz, 1400 x 1050 @ 60Hz, 1440 x 900 @ 60Hz, 1600 x 1200 @ 60Hz, 1680 x 1050 @ 60Hz, 1920 x 1080i @ 50Hz, 1920 x 1080i @ 60Hz, 1920 x 1080p @ 24Hz, 1920 x 1080p @ 25Hz, 1920 x 1080p @ 30Hz, 1920 x 1080p @ 50Hz, 1920 x 1080p @ 60Hz, 1920 x 1200p @ 60Hz
	VGA:	640 x 480 @ 60Hz, 800 x 600 @ 60Hz, 1024 x 768 @ 60Hz, 1280 x 720 @ 60Hz, 1280 x 768 @ 60Hz, 1280 x 800 @ 60Hz, 1280 x 1024 @ 60Hz, 1360 x 768 @ 60Hz, 1366 x 768 @ 60Hz, 1680 x 1050 @ 60Hz, 1440 x 900 @ 60Hz, 1600 x 1200 @ 60Hz, 1920 x 1080 @ 60Hz, 1920 x 1200 @ 60Hz
Output	1 x HDMI OUT, 1 x HDBT OUT	
Output Signal Type	HDMI:	HDMI1.3a
	HDBT:	HDBaseT
Output Resolution Supported	640 x 480 @ 60Hz~1920 x 1200 @ 60Hz scaled based on the displays EDID 1920 x 1080p @ 60Hz, 1920 x 1080p @ 50Hz, 1920 x 1080p @ 30Hz, 1920 x 1080p @ 25Hz, 1920 x 1080p @ 24Hz, 1280 x 720p @ 60Hz, 1280 x 720p @ 50Hz, 720 x 576p @ 50Hz, 720 x 480p @ 60Hz, 640 x 480 @ 60Hz, 800 x 600 @ 60Hz, 1024 x 768 @ 60Hz, 1280 x 768 @ 60Hz, 1280 x 800 @ 60Hz, 1280 x 1024 @ 60Hz, 1366 x 768 @ 60Hz, 1440 x 900 @ 60Hz, 1600 x 1200 @ 60Hz, 1680 x 1050 @ 60Hz, 1920 x 1200 @ 60Hz	
Inputs	1 x microphone input, 1x stereo input	
Input Connector Type	Microphone input: 3-pin phoenix port	
Stereo input:	3-pin phoenix port	
Outputs	1 x stereo output	
Output Connector Type	Stereo output: 3-pin phoenix port	
Support Audio Format	Stereo	
Control Method	2-Way IR, bi-directional RS232, front panel buttons, I/O control devices, LAN (Telnet & Web GUI)	
Control Port	IR, RS232-1, RS232-2, CONTACT IN, LED OUT and LAN	
Operating Temperature	32°F to ~ 113°F (0°C ~ +45°C)	
Storage Temperature	-4°F to ~ 158°F (-20°C ~ +70°C)	
Humidity Range	10% to 90%, noncondensing	
Power Supply	100~240VAC 50/60Hz	
Power Consumption	26.5 W (Max.)	
HDBT (POH)	15.4 W (Max.) for HDBT OUT	
Phantom Power	48 VDC 100 mA	
ESD Protection	Human-body model: ±8kV (Air-gap discharge) ±4kV (Contact discharge)	
Surge Protection	Voltage: ±1 kV	
Certification	CE, FCC, RoHS compliant	

WYRESTORM PRODUCT SPECIFICATION SHEET

