



4K Multiformat Scaler Switcher with Audio Amplifier

The PT-PSW-92 is a professional 4K scaling presentation switcher designed to handle a myriad of A/V applications. 4K support on a wide variety of video formats including HDMI, HDBaseT, DisplayPort and VGA. It features advanced 4K UHD video scalability for all video inputs up to 4K@60 4:4:4., enhanced audio features, Mic/Line inputs and mixing, including a 40w 70V/100V constant-voltage amplifier. With HDBaseT integrated on the output, PT-PSW-92 is able to transmit video up to 100m.



ULTIMATE 4K SCALING

The most advanced 18Gb input scaling on the market meaning its one of the only scalers to handle all available user sources while still supporting legacy display technology at your choice of fixed output resolution.



END TO END HDBT

With a 4K capable HDBaseT input, full PoH and a long range 4K HDBaseT output, the PT-PSW-92 is the most advanced HDBaseT compatible scaler on the market. This kit includes dual Ethernet and a 100m range receiver.



INTUITIVE CONTROL

The PT-PSW-92's simple yet intuitive Web GUI is all you need for user control, and with its powerful OSD the system can be up and running perfectly in minutes.



DIGITAL AMPLIFIER

Its built in high-performance and highly efficient Class D amplifier saves energy and provides 40W constant voltage amplification, with 70V or 100V outputs for a flexible powerful off the shelf audio solution.



SWITCHABLE INPUT

With five HDMI, two VGA and one DP and HDBaseT each on the auto switch equipped input side, and dual mirrored outputs in HDMI and HDBaseT, the PT-PSW92 is prepared for any situation.



FLEXIBLE AUDIO INPUT

Support for 48V phantom power, dynamic and wireless MIC as well as separate DP, HDMI and VGA Audio embedding and built in noise suppression ensures perfect sound reproduction where ever you want it.



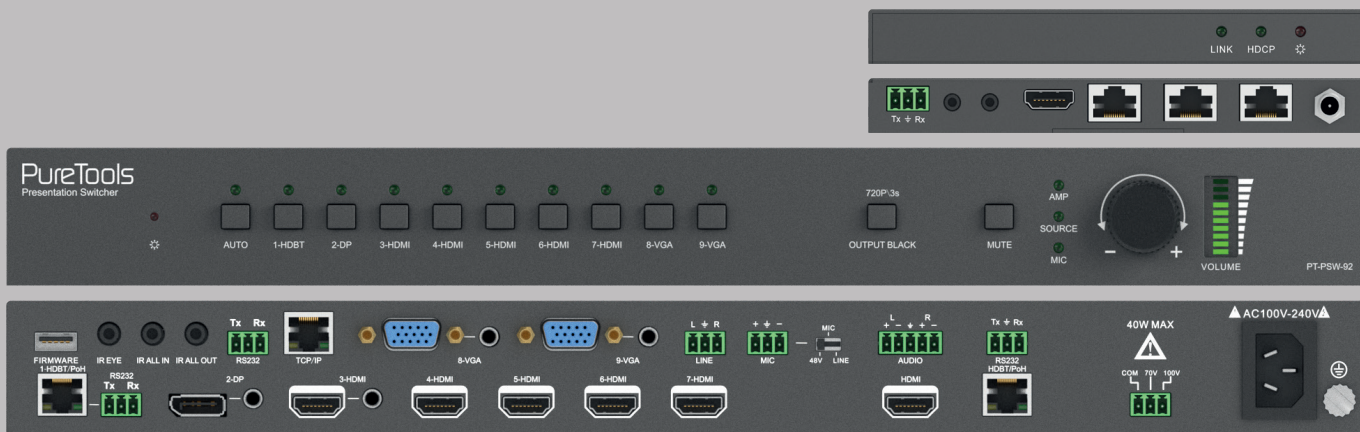
REMOTE UPGRADE

Advanced control over IP is simple with ADMIN mode. Remotely configure settings and even install FW. It reduces on-site time and allows installers to perform maintenance remotely and out of hours.



RACK MOUNTABLE

All this technology is packed into a 1U enclosure, for installation into a professional rack.



PT-PSW-92

VIDEO

Video Input	1 x HDBaseT (RJ45); 1 x DisplayPort; 5 x HDMI; 2 x VGA
Video Output	1 x HDMI; 1 x HDBaseT
Output Resolution	1280x720 (Default), 1920x1080, 1024x768, 3840x2160@30Hz (4:4:4), 3840x2160@60Hz (4:2:0)
Standards	Input Video Support HDMI 2.0 & HDCP2.2; Output Video Support HDMI 2.0 & HDCP1.4.
Bandwidth	10.2Gbps (VGA - 375Mhz)

AUDIO

Audio Input	1 x Stereo (3.5mm Jack)-DP; 1 x Stereo (3.5mm Jack)-HDMI3; 2 x Stereo (3.5mm Jack) for VGA 8 & 9; 1 x LINE IN (3 pin Phoenix 3.81mm); 1 x MIC (3 pin Phoenix 3.81mm)
Audio Input Impedance	>10kΩ
Audio Output	1 x Dual-Mono Analog Audio (5 pin Phoenix); 1 x Power Amplifier with Fixed Voltage (3 pin Phoenix)
Audio Output Impedance	70Ω
Frequency Response	20Hz ~ 20K Hz
Stereo Channel Separation	>80dB @1KHz

CONTROL PART

Control Port	1 x FW Port (USB A); 3 x IR port (3.5mm Jack); 1 x RS232 (3 pin Phoenix); 1 x TCP/IP Port (RJ45)
Button Control	Front Panel: Total 12 Buttons + 1 Rotary Encoder

GENERAL

Transmission Distance	HDBaseT Input: 1080p≤70m, 4K≤40m; HDBaseT Output: 1080p≤100m, 4K≤70m
Operation Temperature	0 ~ +40°C
Storage Temperature	-10 ~ +55°C
Relative Humidity	10% ~ 90%
Power Supply	100V~240V AC
Power Consumption	45W (Max)
Dimension (W*H*D)	436.4mm x 44mm x 276.5mm
Net Weight	3.17 Kg

PT-HDBT-1001-RX

VIDEO

Input	1 x HDBaseT (RJ45)
Output	1 x HDMI
Transmission Mode	HDBaseT
HDMI Standard	4K x 2K/60Hz & HDCP2.2
Output Resolution	800x600@60Hz; 1024x768@Hz; 1280x720@60Hz; 1280x1024@60Hz 1366x768@60Hz; 1600x1200@60Hz 1920x1080@60Hz; 1920x1200@60Hz; 3D; 4K
Bandwidth	10.2Gbps

CONTROL PART

Control Ports	1 x IR IN (3.5mm Jack); 1 x IR OUT (3.5mm Jack); 1 x RS232 (3 pin Phoenix); 2 x Ethernet (RJ45)
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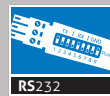
GENERAL

Transmission Distance	1080P: 100m; 4K: 70m
Impedance	75Ω
Ethernet Transmission Speed	Adaptive 10M/100M (max), full duplex or half duplex.
Operation Temperature	0°C ~ 50°C
Relative Humidity	10% ~ 90%
Power Supply	Powered by HDBaseT Transmitter or Matrix Switcher or 24VDC 1.25A (Locking Barrel 5.5mm outside diameter, 2.1mm inside diameter)
Power Consumption	10W
Dimension (W*H*D)	152mm x 16mm x 84mm
Net Weight	196g

OPTIONAL ACCESSORIES



PT-IRE-HDBT	IR Emitter for HDBaseT Extenders
PT-IRK-HDBT	IR Kit for HDBaseT Extenders
PT-IRR-HDBT	IR Receiver for HDBaseT Extenders



PTM-RS100	Universal RS232 Cable with Adjustable Pin Settings
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