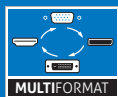## Multiformat Seamless Scaler Switcher

The PT-PSW-52H is a compact seamless scaler switcher designed for professional installation in small meeting rooms, huddle rooms and classrooms. Five multiformat video inputs, three mixable audio streams with pre amplification and a mirrored HDMI output give the installer the flexibility to tackle a range of applications with a single SKU. PT-PSW-52H's powerful Web GUI, simple OSD and handy CEC commands mean that the job is completed with the absolute minimum time possible spent on site.

SEAMLESS MULTIFORMAT SWITCHING
Seamlessly switch between DP, VGA, MHL and two HDMI on the auto sense equipped input side, directly to a scaled output of resolution up to 1080p and WUXGA on two mirrored HDMI outputs.

FLEXIBLE AUDIO INPUT AND OUTPUT
48V phantom power, dynamic and wireless MIC support, DP and VGA Audio embedding and built-in balanced audio extraction with volume adjust, ensures flawless sound reproduction.

INTUITIVE CONTROL
The intuitive Web GUI adds another level of control to its simple yet effective IR remote, and with a powerful OSD and CEC embedding the system can be up and running perfectly in minutes.

COMPLETE EDID MANAGEMENT
The PT-PSW-52H has comprehensive control over EDID. Smart EDID management settings and the ability to load customized EDID's, guarantee a perfect image every time.

REMOTE UPGRADE
Advanced control over IP is simple. Remotely configure settings and even install FW. Remote upgrades limit on-site time and allow installers to perform maintenance remotely and out of hours.

COMPACT SIZE
All of this technology is packed into a ½RU sized enclosure, for installation into furniture or a professional rack.

DETAILED TECHNICAL SPECIFICATION

VIDEO

Video Input	1 x HDMI/MHL; 2 x HDMI; 1x DP; 1 x VGA
Video Output	2 x HDMI
Output Resolution	1920x1200, 1920x1080, 1600x1200, 1600x900, 1360x768, 1280x800, 1280x720, 1024x768
Standards	Compliant with HDMI 1.4 & HDCP2.2

AUDIO

Audio Input	1 x VGA Audio (3.5mm Jack);1 x DP Audio (3.5mm Jack);1 x MIC (3 pin Phoenix)
Audio Input Impedance	>10kΩ
Audio Output	1 x Dual-Mono Analog Audio (5 pin Phoenix)
Audio Output Impedance	70Ω
Frequency Response	20Hz~20K Hz
Stereo Channel Separation	>80dB @1KHz

CONTROL PART

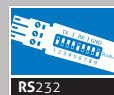|	
Control Port	1 x IR EYE (3.5mm Jack); 1 x RS232 (3 pin Phoenix); 1 x TCP/IP (RJ45); 1 x FW (USB A)
Button Control	6 x Push Button; 1 x Rotary Encoder; 1 x 3 Pos Slide Switch; 1 x Reset (pin Button)

GENERAL

Operation Temperature	0°C ~ +50°C
Storage Temperature	-10°C ~ +55°C
Relative Humidity	10% ~ 90%
Power Supply	DC24V 2.71A Locking Barrel (5.5mm Outside Diameter, 2.1mm Inside Diameter)
Power Consumption	27W
Dimension (W*H*D)	220mm x 44mm x 172.5mm
Net Weight	800g

OPTIONAL ACCESSORIES

IR	PT-IRE-HDBT	IR Emitter for HDBaseT Extenders
	PT-IRK-HDBT	IR Kit for HDBaseT Extenders
	PT-IRR-HDBT	IR Receiver for HDBaseT Extenders
RS232	PTM-RS100	Universal RS232 Cable with Adjustable Pin Settings
RACKMOUNT	PT-RM-PSW52	Rack Mount Kit 1U for PT-PSW52H

CONNECTION DIAGRAM

HDMI /MHL
2x HDMI
DisplayPort + Audio (3.5mm Jack)
VGA + Audio (3.5mm Jack)
MIC (3 pin Phoenix)
IR EYE (3.5mm Jack)
TCP/IP (RJ45)
RS232 (3 pin Phoenix)
FW Port (USB A)
Power (DC Barrel)

HDMI
HDMI
Balanced Audio (5 pin Phoenix)

— Audio
— Video
— Control
— Power

PureTools
Multiformat Seamless Scaling
1080p, Dual HDMI Out
5x2