



4K Multiformat Teleconferencing Scaler Switcher

A professional 4K scaling presentation switcher kit designed specifically to enhance your meeting room's capability and make it a fully functioning teleconferencing suite. It provides the room with multiformat 4K scaled inputs for audio, video, full GUI control, smart EDID management, and balanced audio breakout all transmitted up to 100m by HDBaseT. The support for a variety of USB HID devices, e.g. cameras, microphones, or touch screens and unique dual switching relays for activating AC powered devices such as projector screens, curtains and lighting, makes it truly singular - a must for any modern office environment.



4K SCALING

The PT-PSW-42 will scale the output content to 4K60Hz (4:2:0) or multiple resolutions up to 10.2Gbs, making this a versatile and powerful transmitter / switcher scaler.



MULTIFORMAT

With two HDMI, VGA and DP on the auto sense equipped input side, and dual mirrored outputs in HDMI and HDBaseT, plus an additional HDMI in and out on the receiver, all bases are properly covered.



INTUITIVE CONTROL

The PT-PSW-42'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.



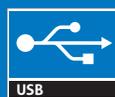
REMOTE UPGRADE

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.



HDBaseT TRANSMISSION

PT-PSW-42 unleashes the full capability of HDBaseT to send 4K video, audio, Ethernet, control and PoH over distances up to 100m. A single inexpensive CAT 6 cable puts HDBaseT's 5 play into action.



USB HID SUPPORT

With six USB inputs to choose from, the user is given instant access to the room's cameras, microphones and touch screens. Simply attach a USB cable from your laptop and the devices built-in hub takes over.



RELAY CONTROL

With the PT-PSW-42's unique integrated relay ports, the projector screen can be lowered and the lights turned off, all at the press of a button, providing the user absolute control over their environment.



COMPACT SIZE

All of this technology is packed into a compact 1/2 rack sized enclosure, for installation into furniture or a professional rack.



PT-PSW-42-TX TRANSMITTER

VIDEO	
Video Input	2 x HDMI; 1 x DP; 1 x VGA
Video Output	1 x HDMI; 1 x HDBaseT (RJ45)
Output Resolution	3840x2160@30Hz, 1920x1080, 1360x768, 1280x720, 1024x768
Standards	Compliant with HDMI 1.4a & HDCP2.2
Bandwidth	HDMI: 10.2Gbps (3.4Gbps per Color); VGA: 375MHz

AUDIO	
Audio Input	1 x Stereo (3.5mm Jack)
Audio Input Impedance	>10kΩ

CONTROL PART	
Control Port	2 x PC Input (USB B); 2 x Device Input (USB A); 1 x RS232 (3 pin Phoenix); 1 x TCP/IP (RJ45); 1 x LAN (RJ45); 1 x FW (USB A)
Button Control	8 x Push Button

GENERAL	
Transmission Distance	Up to 100m
Operation Temperature	0 ~ +40°C
Storage Temperature	-10°C ~ +55°C
Relative Humidity	10% ~ 90%
Power Supply	24VDC 2.71A - Locking Barrel (5.5mm Outside Diameter, 2.1mm Inside Diameter)
Power Consumption	40W
Dimension (W*H*D)	220mm x 44mm x 120mm
Net Weight	617g

PT-PSW-42-RX RECEIVER

VIDEO	
Video Input	1 x HDBaseT (RJ45); 1 x HDMI
Video Output	1 x HDMI
Output Resolution	3840x2160@30Hz, 1920x1080, 1360x768, 1280x720, 1024x768
Standards	Compliant with HDMI 1.4a & HDCP2.2
Bandwidth	HDMI: 10.2Gbps (3.4Gbps per Color)

AUDIO	
Audio Output	1 x Balanced Stereo (5 pin Phoenix)
Audio Output Impedance	70Ω
Frequency Response	20Hz~20K Hz
Stereo Channel Separation	>80dB @1KHz

CONTROL PART	
Control Port	2 x Device Input (USB A); 1 x RS2323 (3 pin Phoenix); 2 x RELAY (2 pin Phoenix); 1 x LAN (RJ45); 1 x FW (USB Micro)

GENERAL	
Transmission Distance	Up to 100m
Operation Temperature	0°C ~ +40°C
Storage Temperature	-10°C ~ +55°C
Relative Humidity	10% ~ 90%
Power Supply	Powered by Transmitter
Dimension (W*H*D)	205mm x 21.5mm x 95mm
Net Weight	358g

OPTIONAL ACCESSORIES



PTM-RS100 Universal RS232 Cable with Adjustable Pin Settings

