



4K Multiformat Presentation Switcher with PoH, Scaler and HDBaseT Receiver

The PT-PMS-42 is a 4x2 Presentation Switcher including an HDBaseT receiver, providing three HDMI 2.0 and one DisplayPort input as well as one HDBaseT and one HDMI output. It is designed to switch HDMI or DP video signals to the HDBaseT output, which supports PoC and is capable of connecting the HDBaseT receiver in up to a maximum of 70 meters (1080p) with just one Cat cable. The switcher supports input video resolutions up to 4K@60Hz, 4:4:4 with 18 Gbps. With multiple built-in EDID settings, including an EDID pass-through option, the highest quality digital video signal will be routed directly to the display. The PT-PMS-42 supports audio from the HDMI or DP input. In addition, the audio is simultaneously de-embedded to an analog audio output (Phoenix). The switcher features multiple methods of control, including manual control using the front panel buttons, via IR remote, RS232 commands, as well as a comprehensive GUI.



MULTIFORMAT SWITCHING

With support for multiple industry standard video inputs up to video bandwidths of 4K@60 (4:4:4), makes this a versatile and powerful presentation switcher.



FLEXIBLE AUDIO INPUT AND OUTPUT

48V phantom power, dynamic and wireless MIC, as well as stereo Line IN which can be mixed to all outputs, while balanced audio extraction with volume adjust, ensures flawless sound reproduction.



FULL 18GBPS AND HDR

Compatible with the latest Ultra High Definition sources and displays, displaying signals at resolutions up to 4K @60 4:4:4 (18Gbps) and shows crystal clear HDR media to its best ability.



GUI CONTROL

Complete control and configuration is possible via the intuitive web GUI. Users can access the control suite from any device with a browser function, for flexible yet comprehensive management of the system environment.



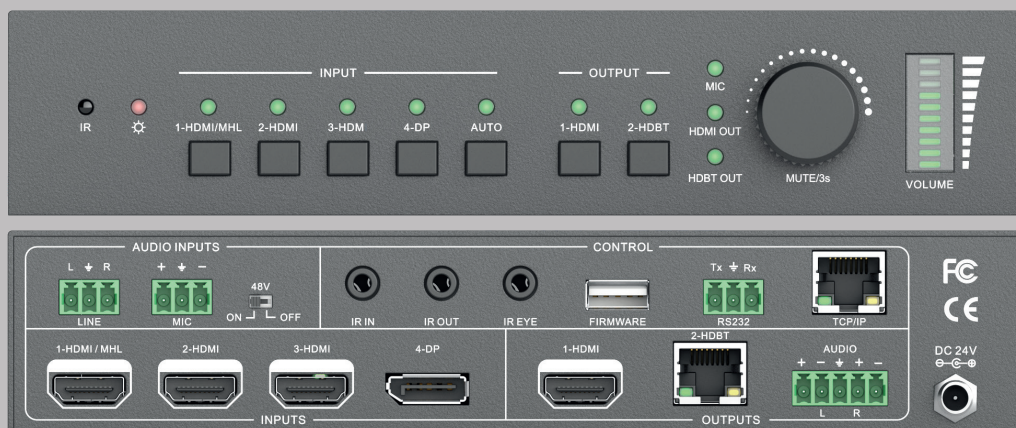
INDEPENDENT MATRIX OUTPUT

Equipped with two fully independent outputs, a full bandwidth 4K HDMI and HDBaseT (70m 1080p/40m 4K). Run two separate meeting rooms with a single SKU or double the creative space.



RACK MOUNTABLE

Designed specifically for the professional applications, this product can be installed into a standard 19" rack system.



VIDEO INPUT

Input	1x HDMI/MHL, 3x HDMI, 1x DisplayPort
Input Connector	3x HDMI-A female, 1x DisplayPort female
Input Resolution	HDMI: Up to UltraHD / 4K / 2160p @60Hz, 4:4:4, 8bit MHL: Up to FullHD / 1080p @60Hz DisplayPort: Up to UltraHD / 4K / 2160p @60Hz, 4:4:4, 8bit

VIDEO OUTPUT

Output	1x HDMI, 1x HDBaseT
Output Connectors	1x HDMI-A female, 1x RJ45
Output Resolution (HDMI / HDBaseT)	HDMI: Up to UltraHD / 4K / 2160p @60Hz, 4:4:4 HDBaseT: Up to UltraHD / 4K / 2160p @60Hz, 4:2:0

CONTROL

Control Ports	1x IR IN, 1x IR OUT, 1x IR EYE, 1x Firmware, 1x RS232, 1x TCP/IP
Control Connectors	3x 3.5mm jacks, 1x USB-A, 1x 3-pin terminal, 1x RJ45

GENERAL

HDMI Standard	HDMI 2.0, HDCP 2.2
Transmission Mode	HDBaseT
Transmission Distance	FullHD / 1080p over 70m, 4K / UltraHD over 40m
Operation Temperature	-5°C ~ +55°C
Storage Temperature	-25°C ~ +70°C
Relative Humidity	10% ~ 90%
AC Adapter Input Power	100V-240V AC, 50/60Hz
Input Power	24V DC 2.71A
Power Consumption	max. 27W
Dimensions	220mm x 44mm x 172.5mm
Net Weight	735g

NOTE:

Please only use high quality Cat Ethernet cables (Cat6e or higher recommended) for reliable transmissions.

