



4K, 18G Multiformat Presentation Switcher

The PT-PSW-41E features three HDMI inputs with MHL capability as well as one DisplayPort input, all supporting automatic signal switching to the HDMI output including stereo and multichannel audio. It supports video resolutions up to 4K@60Hz, 4:4:4, 8bit as well as 1080p incl. 3D formats. Its smart, built-in EDID settings can be selected using the 4-pin DIP switch on the rear panel. In addition to the audio embedded in the HDMI output stream, the signal is simultaneously de-embedded to one optical digital audio output and one balanced analog audio output. The PT-PSW-41E features multiple methods of control, like AUTO mode, manual control, IR remote and RS232 commands. CEC allows the display to be controlled using the front panel buttons and / or RS232 CEC commands.



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.



CEC CONTROL

Send power On/Off and volume control commands directly over the CEC channel of your HDMI cable. Simplified connectivity without loss of functionality.



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.



ADVANCED EDID MANAGEMENT

Designed for flawless operation. EDID's can be fixed using a simple on-board DIP switch to prevent DDC channel failures - always ensure impeccable communication between devices!



INTELLIGENT AUTO SENSE

Intelligent signal analysis will switch ports not only when a cable is inserted or unplugged, but also when there is no video present. This means that when a source goes into sleep mode, the next live source is automatically selected.



AUDIO EXTRACTION

Audio extraction is available on both digital analogue ports. De-embed any audio stream to an amplifier or directly to an AVR. Professional multi format sound extraction to suit every need.



VIDEO INPUT

Input	1x HDMI/MHL, 2x HDMI, 1x DisplayPort
Input Connectors	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
Output Connectors	1x HDMI-A female
HDMI Output Resolution	Up to 4K / UltraHD / 2160p @60Hz, 4:4:4, 8bit

CONTROL

Control Ports	1x EDID, 1x ID PRESET, 1x IR ALL IN/LOOP IN, 1x IR OUT, 1x IR LOOP OUT, 1x RS232 IN, 1x RS232 OUT
Control Connectors	1x 3-pin DIP switch, 1x DIP switch, 3x 3.5mm jacks, 2x 3-pin Phoenix

GENERAL

HDMI Standard	HDMI 2.0, HDCP 2.2
Transmission Mode	HDMI
HDMI Transmission Distance	4K@60Hz 4:4:4 in up to 5m, 4K@60Hz 4:2:0 in up to 10m, FullHD / 1080p in up to 15m
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	12V DC 1A
Power Consumption	max. 5W
Dimensions	262mm x 26mm x 84mm
Net Weight	320g

