



4K, 18G HDMI Switcher with TDMs Auto Sense and ARC

The PT-SW-HD41E is an ultrathin auto switcher with four HDMI video inputs, routing to one HDMI output incl. auto-switching using the TDMs-sensing method. It supports video resolutions up to 4K@60Hz, 4:4:4 incl. HDR formats and multichannel audio. For existing audio systems, the switcher will de-embed stereo analog audio signals via 3.5mm jack. The switcher also supports Audio Return Channel (ARC) for transmitting audio back to HDMI input port from the connected display. Multiple built-in EDID settings facilitate the installation. The PT-SW-HD41E features control options via RS232, IR remote or the front panel source selection button.



HDMI 2.0 SWITCHER

Lossless switching of multiple 4K HDMI sources to a single display makes this switch ideal for any home cinema or simple meeting room environment. Flawless reproduction of your content with no reduction in signal integrity.



ARC

Full ARC pass through support. The Audio Return Channel sends audio data "upstream" to an A/V receiver or surround sound controller, increasing user flexibility and eliminating the need for any separate S/PDIF audio connection.



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.



ULTRA SLIM DESIGN

All of this technology is packed into a slim line enclosure, for easy installation into furniture, under desks or behind a TV.



DETAILED TECHNICAL SPECIFICATION

VIDEO INPUT	
Input	4x HDMI
Input Connectors	4x HDMI-A female
HDMI Input Resolution	Up to UltraHD / 4K / 2160p @60Hz, 4:4:4
VIDEO OUTPUT	
Output	1x HDMI
Output Connectors	1x HDMI-A female
HDMI Output Resolution	Up to 4K / UltraHD / 2160p @60Hz, 4:4:4
CONTROL	
Control Ports	1x IR IN; 1x RS232
Control Connectors	2x 3.5mm jack
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	5V DC 1A
Power Consumption	max. 5W
Dimensions	194mm x 15mm x 81mm
Net Weight	324g

CONNECTION DIAGRAM

