



4K (60Hz 4:4:4) HDR Matrix Switcher

The PT-MA-HD88UHD is a professional 4K HDMI2.0a matrix switcher designed for home cinema, control room and digital signage applications. This matrix is able to handle the absolute maximum 2.0a bandwidth and high dynamic range content with ease. The SPDIF outputs on every channel extract the audio in HD formats such as DTS-X and Dolby Atmos for use with external amplification and surround sound. This coupled with a rack mount frame, full GUI control and smart EDID management, makes for a simple to use, cost effective 18Gbps professional matrix solution.



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.



CINEMA SOUND

Dolby Digital, DTS, and DTS-HD can be extracted from all channels. Audio is output via a digital COAX for use with an AVR or other digital audio device, making it ideal for pro home cinema.



INTUITIVE CONTROL

The PT-MA-HD88UHD simple yet intuitive Web GUI and IR remote are all you need for user control, for more comprehensive control and set up, TCP/IP and RS232 commands are available.



FLEXIBLE EDID MANAGEMENT

Designed for flawless operation. Its powerful combination of fixed DIP switch EDID setting or flexible port by port GUI settings, will guarantee impeccable video reproduction.



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.



RACK MOUNTABLE

All of this technology is packed into a 1U enclosure, for installation into a professional rack.



VIDEO

Input	8 x HDMI
Output	8 x HDMI
Standards	Input and Output Video Support HDMI 2.0a & HDCP2.2
Bandwidth	18Gbps
Resolution Range	640x480@60Hz ~ 4K@60Hz 4:4:4, 1080P 3D

AUDIO

Output	4 x SPDIF (RCA)
Standards	Dolby Digital, DTS, DTS-HD

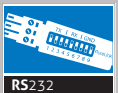
CONTROL PARTS

Control Ports	1 x TCP/IP (RJ45); 1 x RS232 (3 pin Phoenix); 1 x IR In (3.5mm Jack); 1 x FW (USB Micro)
Button Control	Front Panel: 16 x Push Button

GENERAL

EDID Management	Built in EDID Data and Manual EDID Management
HDMI Cable Length	≤5m
Operation 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	21W
Dimension (W*H*D)	437mm × 44mm × 236.5mm
Net Weight	1.82Kg

OPTIONAL ACCESSORIES

	PTM-RS100 Universal RS232 Cable with Adjustable Pin Settings
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