

• **PU-4H4HBT: 4 x 4 HDMI HDBaseT Matrix**

CYP's brand new PU-4H4HBT is a 4x4 HDBaseT device offering full HDBaseT 5Play AV signal convergence (uncompressed HDMI, audio, ethernet, PoE and control signals via a single Cat5e/6 cable).

Installers / integrators can switch and distribute up to 4 HDMI sources, RS-232, 2-Way IR and PoE to lengths of up to 100 metres using standard CAT5e/6 cable infrastructure.

This single box solution will enable an installer to confidently integrate an four zone multi-room AV system, by sending any 4 HDMI sources to any or all 4 outputs simultaneously.



**What is HDBaseT?**

The Audio Visual industry's ever-increasing demand for converged AV signal distribution has driven the industry to develop an exciting new industry-standard solution in the form of HDBaseT.

HDBaseT is a connectivity solution which allows for the distribution of HD video (HDMI), audio, Ethernet data, power and various control signals through a standard single Cat5/6 cable!

'5Play' Convergence:

HDBaseT's '5Play' solution allows converged AV signals to be transmitted over cable lengths of up to 100 metres via standard CatX Ethernet cable, transmitting:

- HD Video (HDMI)
- Audio
- Power over Ethernet (PoE)
- 100Mbps Ethernet data transfer
- AV Control signals such as EDID, HDCP, RS-232, Infrared & CEC
- ...all at the same time!

**Features:**

- Supports all v1.3 HDMI
- Common supported resolutions: HDTV: 480p, 576p, 720p, 1080i, 1080p24; PC: VGA, SVGA, XGA, SXGA, WUXGA
- HDMI, HDCP AND DVI compliant
- High Definition Audio supported: Dolby TrueHD, Dolby Digital Plus and DTS-HD Master Audio plus LPCM ( up to 192kHz)
- Uncompressed data transfer over single CAT cable (100m - CAT6; 80m - CAT5e)
- Supports HDMI input up to 15m 1080p 8bit or 10m 1080p 12 bit
- Supports RS-232, 2-Way IR, Manual Selection Buttons, and HDMI CEC control pass through
- Selectable EDID settings - TV (downstream) and STD (fixed)
- Compact 2U Rack mount design
- Supports 3D signal
- Supports additional IR Control via a master (ALL) Input/Output

**Specifications:**

Model:	TD-816:
Inputs	4x HDMI [4x HDMI Uncompressed AV and Data] 5x Stereo mini-jack [5x Infra Red Receiver] 1x 9pin Dsub [1x RS-232 Data] 1x RJ45 [1x Future Use - LAN - Propriety Data] 1x USB Mini B [1x Service Port - Propriety Data]
Outputs	4x RJ45 [4x HDBaseT - HDMI & Propriety Data] 5x Stereo mini-jack [5x Infra Red Emitter]
POE PSU	24v/6.25A
PSU	24v/6.25A
Dimensions	255(W) x 440(D) x 90(H) mm
Weight (Net)	7.00kg
Weight (Gross)	8.00kg