16 x 8 HDMI HDBaseT™ Matrix including PoE (100m)

3D READY

USE WITH PU-507RX/ PU-507WPRX FOR PoE

The PU-16H8HBT modular matrix offers unparalleled levels of flexibility and performance for systems integrators and installers in any multi-zone AV environment. Utilising the latest HDBaseT™ technologies, this device allows switching and distribution of 16 HDMI sources, 2-Way IR, RS-232, and PoE (Power over Ethernet) to lengths of up to 100m using CAT5e/6/7 cable infrastructure.

This modular matrix is pre-configured with 8 HDBaseT outputs designed to be used with any HDBaseT 5Play™ Receivers which are powered using the PoE feature of the matrix. The PU-16H8HBT is supplied with dual removable internal PSU's which allow for easy inspection and maintenance with zero down time. Also included is a DVI output for a local monitor allowing installers to easily monitor, test, and configure the Inputs and Outputs on installation. This solution will enable installers to confidently integrate an eight zone multi-room AV system.

In addition, this matrix also features IP control allowing users to access and control the matrix remotely and also allow additional options for integration of third-party control systems such as DemoPad and Control 4. See the download section on our website for the Control 4 driver download.

FEATURES

- HDMI, HDCP and DVI compliant
- Supports uncompressed video/audio up to 10.2Gbps
- Common supported resolutions : HDTV: 480i, 480p, 576i, 576p, 720p, 1080i, 1080p, 1080p24; PC: VGA, SVGA, XGA, WXGA, SXGA, UXGA, WUXGA.
- 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 - CAT6/7; 80m - CAT5e)
- Supports RS-232, 2-Way IR, and Manual Selection Buttons
- Supports HDMI input up to 15m 1080p 8bit or 10m 1080p 12bit

- Supports RS-232 for Matrix Control, plus RS-232 pass-through: Third-party devices can be controlled in each zone via RS-232 from the head-end to the receiver, or head-end devices can be controlled via RS-232 from any receiver in any zone.
- Advanced EDID management settings
- Onboard Operating Temperature Diagnostics
- Recall function allows users to save up to 10 pre-configured Input/Output settings
- Supports 3D signals
- Supports full IP control via Telnet or web GUI
- Integrated IP to RS-232 conversion
- Internal command conversion from IP (Telnet) to RS-232

SPECIFICATIONS

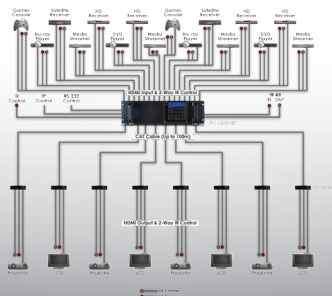|	
Input:	16x HDMI (16x HDMI Uncompressed AV and Data), 1x 3.5mm Stereo mini-jack (1x IR Propriety Data), 1x 9pin Dsub (1x RS-232 Data), 1x RJ45 (1x IP Control), 1x USB Mini B (1x Service Port Propriety Data), 9x 3.5mm Stereo mini-jack (9x Infra Red Receiver)
Output:	8x RJ45 (8x HDBaseT HDMI & Propriety Data) 9x 3.5mm Stereo mini-jack (9x Infra Red Emitter), 1x DVI-I (1x Monitor DVI-D)
Power:	Dual 24V/1.25A DC PSU (US/EU standards, CE/FCC/UL certified)
Dimensions:	440mm (W) x 360mm (D) x 130mm (H)
Gross Weight:	13100g Net. Weight: 12000g
Packaging:	Boxed

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