PU-16V16HBT New Product

16 x 16 VGA HDBaseT™ Matrix including PoE (100m)

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

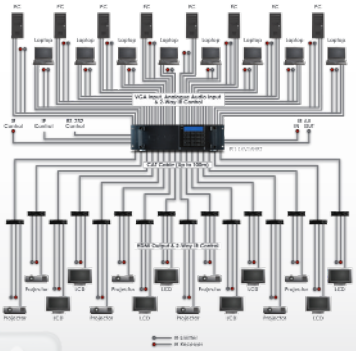
The PU-16V16HBT modular matrix offers unparalleled levels of flexibility and performance for systems integrators and installers in any multi-zone AV environment. Utilising the latest HDBaseT™ technologies, this device allows switching and distribution of 16 VGA sources, 2-Way IR, RS-232, and PoE (Power over Ethernet) to lengths of up to 100m using CAT5e/6/7 cable infrastructure.

This modular matrix is pre-configured with 16 HDBaseT outputs designed to be used with PU-507RX, PU-507WPRX, PU-507RX-2H, or PU-507RX-SCD Receivers which are powered using the PoE feature of the matrix. The PU-16V16HBT 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 a sixteen 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

- Supports uncompressed video/audio up to 10.2Gbps
- Common supported resolutions : HDTV: 480p, 576p, 720p, 1080p; PC: VGA, SVGA, XGA, WXGA, SXGA, UXGA, WUXGA.
- Analogue Audio Supported via 3.5mm Stereo Jacks
- Uncompressed data transfer over single CAT cable (100m - CAT6/7; 80m - CAT5e)
- Supports RS-232, 2-Way IR, and Manual Selection Buttons
- 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.
- Onboard Operating Temperature Diagnostics
- Recall function allows users to save up to 10 pre-configured Input/Output settings
- Supports full IP control via Telnet or web GUI
- Integrated VGA to HDMI conversion supported (no scaling)



SPECIFICATIONS

Input:	16x 15pin Dsub [16x VGA RGBHV], 16x 2.5mm Stereo mini-jack [16x Stereo (L/R)], 1x 3.5mm Stereo mini-jack [1x IR Propriety Data], 1x 9pin Dsub [1x RS-232 Data], 1x RJ45 [1x IP Control], 17x 3.5mm Stereo mini-jack [17x Infra Red Receiver], 1x USB Mini B [1x Service Port Propriety Data]
Output:	16x RJ45 [16x HDBaseT HDMI & Propriety Data] 17x 3.5mm Stereo mini-jack [17x 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:	12000g
Net. Weight:	13100g
Packaging:	Boxed