

4K

Matrices

Audio

Extenders

Switchers & Splitters

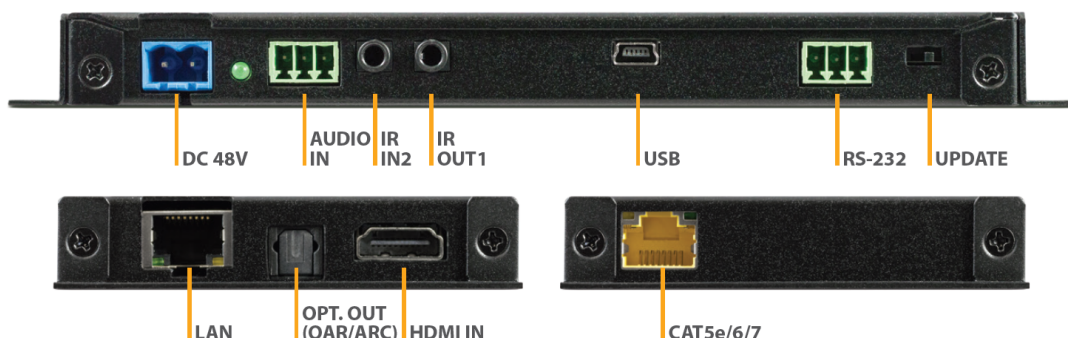
Scalers & Converters

Other AV

HDBaseT™ 2.0 Slimline Transmitter (100m)

4K, HDCP2.2, HDMI2.0, PoH, LAN, OAR, USB

PUV-2010TX



4K 3D HDMI2.0 HDBT2.0 5Play HDCP2.2 PoH OAR ARC USB

The PUV-2010TX Slimline Transmitter enables transmission of video resolutions up to 4K UHD, along with HD audio, 2-Way IR, RS-232, PoH (Power over HDBaseT), LAN, and USB data signals up to 100m. Utilising the latest HDBaseT™ 2.0 technology, this solution provides advanced signal management and dedicated audio pathways to ensure reliable results in the most demanding installation environments. In addition to the full 5-Play convergence, this device also incorporates OAR (Optical Audio Return) and ARC (Audio Return Channel) functions which enable audio from a compatible display to be routed back from the receiver unit to the transmitter. All audio, video, control, and power are transmitted simultaneously over a single CAT6a/7 cable up to 100m.

This system also allows the connection of any USB host, enabling a USB connection to 2 USB ports, giving the PU-2010RX Receiver the ability to act like a USB hub.

All of these features are incorporated into an ultra slim casing (less than 18mm thick), providing unrivalled flexibility and ease of installation.

SPECIFICATIONS

Input:	1x HDMI [1x HDMI Uncompressed AV and Data] 1x USB Mini B [1x USB Propriety Data] 1x RJ45 [1x LAN Serving] 1x 3.5mm Stereo mini-jack [1x Infra Red Emitter] 1x Phoenix (3 pin) [1x Stereo (L/R) Audio Input]
Output:	1x RJ45 [1x HDBaseT 2.0 HDMI & Propriety Data] 1x Toslink [1x Optical 2 Channel LPCM] 1x 3.5mm Stereo mini-jack [1x Infra Red Receiver] 1x Phoenix (3 pin) [1x RS-232]
Power:	48V/0.83A DC (US/EU standards, CE/FCC/UL certified)
Dimensions:	270mm (W) x 80mm (D) x 20mm (H)
Gross Weight:	450g
Net. Weight:	340g

FEATURES

- Supports full HDBaseT™ 2.0 specification signals can be received up to a maximum distance of 100m over CAT6a/7
- HDCP 2.2, HDMI and DVI compatible
- HDBaseT 5-Play™ convergence: High-Definition video and audio, 100BaseT Ethernet, PoH (Power over HDBaseT) and control (Bi-Directional IR & RS-232 pass through)
- Supported resolutions VGA~WUXGA, 480i~1080p, 4K UHD@24/25/30Hz (RGB 4:4:4 & YUV 4:2:2), 4K UHD@ 60Hz (YUV 4:2:0), 4K/2K@24/25/30Hz (RGB 4:4:4 & YUV 4:2:2) and 4K/2K@ 60Hz (YUV 4:2:0) dependent upon the output display's EDID settings
- 4K/2K & 4K UHD signals can be transmitted up to 70m via CAT5e/6 and 100m via CAT6a/7
- Supports pass-through of HD audio formats: LPCM 2/5.1/7.1CH, Dolby Digital 2/5.1CH, Dolby Digital Plus, Dolby TrueHD, Dolby Atmos and DTS-HD Master Audio
- Optical audio return (OAR)
- Supports optical sampling rate up to 48kHz
- Audio return channel (ARC)
- Dedicated channel for analogue stereo audio transmission from the transmitter to a compatible receiver.
- Ultra slim chassis design for ease of installation
- USB Data Serving from Transmitter (single USB) to Receiver (2x USB).
- Compatible with PUV-2010RX Receiver

