



PUV-2200PL-KIT

HDBaseT2 LITE Transmitter & Receiver Kit with USB, PoH & Audio Pathway



The PUV-2200PL-KIT HDMI over single CAT5e/6/7 Transmitter and Receiver Kit can send uncompressed audio/video, along with HD audio and USB, over a single run of CAT5e/6/7 cable at a distance up to 35 metres. This system also features analogue audio input/output and mic input for flexible audio options.

Multi-control interfaces are available which includes IR, RS-232 and USB connection. This extender complies with advanced protocols of HDCP2.2 and HDMI 2.0, as well as supporting the legacy HDCP 1.x standards.

All the benefits of HDBaseT 2 but in a lite version, more cost effective at a shorter CAT cable distance.

PANELS

Transmitter



Front View



Rear View

Receiver

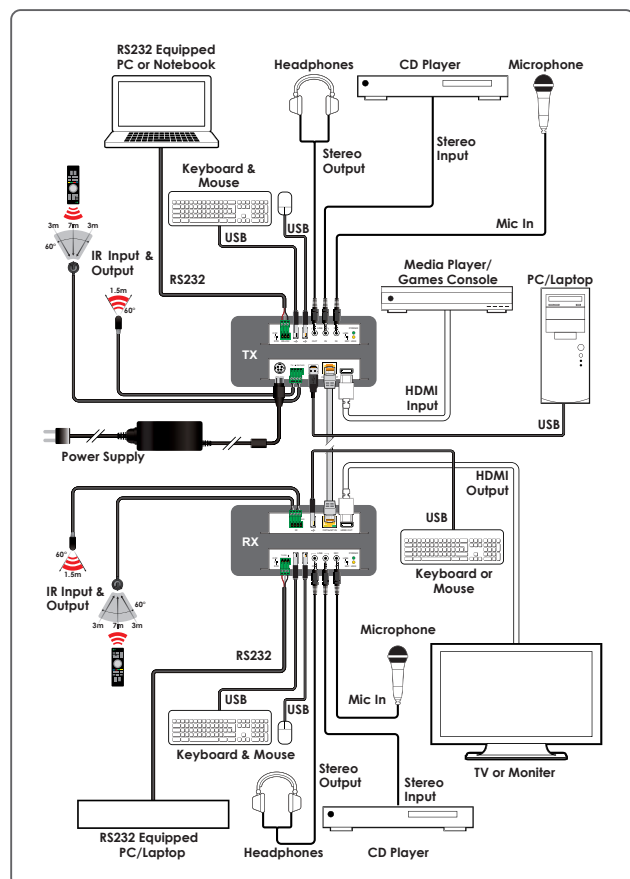


Front View



Rear View

DIAGRAM



FEATURES

- HDBaseT 2.0 compatible
- Supports UHD resolutions up to 3840×2160@60Hz (4:2:0, 8-bit) & 4096×2160@60Hz (4:2:0, 8-bit)
- Supports pass-through of audio formats including LPCM 2.0/5.1/7.1, Bitstream and HD Bitstream over HDMI
- HDMI 2.0 and DVI 1.0 compatible
- HDCP 2.2 and HDCP 1.x compliant
- Simultaneous transmission of uncompressed data over a single CAT5e/6/7 cable up to 35m
- Supports 16-bit Deep Colour up to 1080p@60Hz
- Supports standard 48V from Transmitter (PSE) to Receiver (PD)

SPECIFICATIONS

Interfaces

Transmitter

Input Port

1× HDMI (Type-A)
1 x Stereo Audio input
1 x Microphone input

Output Port

1 x HDBaseT (RJ-45)
1 x Stereo Audio output

Pass-through Port

1× IR In/Out (4-pin terminal block)
1x RS-232 (3-pin terminal block)
2x USB 2.0 (Type-A)

Pass-through/Control Port

1x USB 2.0 (Type-B)

Receiver

Input Port

1x Stereo Audio input
1x Microphone input
1x HDBaseT (RJ-45)

Output Port

1× HDMI (Type-A)
1x Stereo Audio output

Pass-through Port

1× IR In/Out (4-pin terminal block)
1x RS-232 (3-pin terminal block)
3x USB 2.0 (Type-A)

Video

HDMI Compliance HDMI 2.0 (DVI 1.0)

HDCP Compliance 2.2

Input Signal Type 4K@60, YUV 4:2:0

Output Signal Type 4K@60, YUV 4:2:0

Resolutions

Maximum Input HDMI 4096x2160p@60 YUV 4:2:0

Maximum Output HDBaseT/7 4096x2160p@60 YUV 4:2:0

Audio

HDMI Input 1,2 LPCM (2 Channels, 48KHz), Bitstream

HDMI Output LPCM (2 Channels, 48KHz), Bitstream

Power

Power Supply [TX] 24V/2.7A DC, [RX] PoH

Power Consumption 7.9W

Enclosure

Chassis Material Metal (Steel)

Chassis Colour Black

Dimensions (W×H×D)

[TX] 128mm×25mm×108mm [Case Only]
[TX] 128mm×25mm×113.6mm [All Inclusive]
[RX] 128mm×25mm×108mm [Case Only]
[RX] 128mm×25mm×111mm [All Inclusive]

Weight

[TX] 410g, [RX] 392g

Field Firmware Update

UART

ORDERING INFORMATION

Model No.

Product Description

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