

100m HDBaseT™ Repeater



The PU-HBT-EX repeater is designed to extend the signal transmission distances of CYP HDBaseT™ Extender sets and Matrix systems by allowing the user to repeat HDBaseT™ signals a further 100m over CAT5e/6/7 cable. This device features full 5-Play™ functionality, including the highest quality 4K2K uncompressed HD video, uncompressed multi-channel audio, bi-directional control systems (IR & RS-232), Power over Ethernet (PoE), and Ethernet (for LAN serving & IP Control). This Repeater is designed to be used with the PU-507 and PU-1109 point-to-point Extender Kits, the PU-8H8CTX & PU-8H8CTXIR 8-Way Transmitters, and with any CYP full HDBaseT™ Matrix system (PU-8H8HBT / PU-8H8HBT E / PU-4H4HBT).

When combined with CYP HDBaseT™ distribution solutions, this Repeater gives any installer the ability to send Audio, Video, PoE, and Control signals reliably up to 200m. The PU-HBT-EX can also be cascaded twice to achieve a maximum of 300m transmission distance.

FEATURES

- Supports uncompressed video/audio up to 10.2Gbps
- Common supported resolutions: HDTV: 480p, 576p, 720p, 1080i, 1080p, 1080p24, 4Kx2K; PC: VGA, SVGA, XGA, WXGA, SXGA, UXGA, 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)
- Supports RS-232, 2-Way IR, and HDMI CEC control pass through
- Full 5-Play™ Convergence - HDMI, LAN, PoE, & Control (RS-232 & IR)
- Supports 3D signals
- Supports LAN serving to all connected zones

SPECIFICATIONS

Input:	1x RJ45 (1x HDMI & Propriety Data)
Output:	1x RJ45 (1x HDMI & Propriety Data)
Power:	24V/1.25A DC (US/EU standards, CE/FCC/UL certified)
Dimensions:	98mm (W) x 152mm (D) x 25mm (H)
Gross Weight:	740g
Net. Weight:	340g
Packaging:	Boxed

