



## 4K HDBaseT Receiver with Analog and Digital Audio De-Embedding

PT-HDBT-701-RXAD is a fully HDBaseT compliant receiver with digital and analog audio extraction capability. It is able to receive Full HD up to 70m and 4K/UHD up to 40m with embedded multi-channel audio, and control signals. Analog stereo can be extracted from the receiver, as can full multi-channel digital audio from both of the two digital ports. It is even CEC capable simplifying system control with a single remote. It supports unidirectional PoH and 48V PoC.



### HDMI – 4K 60HZ 4:2:0

Compatible with 4K HDMI sources and displays, displaying signals at resolutions up to 4K @60 4:2:0 (10.2Gbps).



### HDBT TRANSMISSION

With HDBaseT transmission up to 40m range at 4k (70m at 1080p), and two way PoH, the PT-HDBT-701-RXAD is a professional HDBaseT receiver for use with all HDBaseT rated equipment.



### AUDIO DE-EMBED

PT-HDBT-701-RXAD boasts comprehensive audio capability with 3 audio extraction ports. Stereo from the 3.5mm jack and full digital audio including Dolby Digital, DTS and DTS-HD from the fiber and coax ports.



### ULTRA COMPACT SIZE

All of this technology is packed into an ultra slim light weight enclosure, for installation almost anywhere.



### SMART SIGNAL MANAGEMENT

With CEC pass through, smart EDID management, IR and RS232 pass through, the PT-HDBT-701-RXAD is perfectly equipped to handle all your data without difficulties. Simply plug and play.



**VIDEO**

Input	1 x HDBaseT (RJ45)
Output	1 x HDMI
HDMI Standard	HDMI 1.4a & HDCP2.2
Bandwidth	10.2Gbps
Resolution	Up to 4K@60Hz 4:2:0
Transmission Mode	HDBaseT

**AUDIO**

Output	1 x Stereo Out; 1 x Digital COAX (RCA); 1 x OPTICAL (Toslink)
Audio Format	Support Dolby D (True HD)/ DTS (HD-Master Audio)/ PCM
HDMI Embedded Audio	PCM, Dolby Digital, DTS, DTS-HD
Stereo Channel Separation	>80dB @ 1kHz
Frequency Response	20Hz ~ 20K Hz
Common Mode Rejection Ratio (CMRR)	>90 dB at 20 Hz ~ 20 KHz

**CONTROL PARTS**

Control Ports	1 x IR In (3.5mm Jack); 1 x IR Out (3.5mm Jack); 1 x RS232 (3 pin Phoenix)
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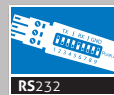
**GENERAL**

Transmission Distance	HDBaseT; 1080P ≤ 70m; 4K ≤ 40m
Operation/Storage Temperature	-10°C ~ 50°C
Relative Humidity	0% ~ 90%
Power Supply	4V
Power Consumption	10W (Max)
Dimension (W*H*D)	152mm x 16.2mm x 100mm
Net Weight	223g

**OPTIONAL ACCESSORIES**



- PT-IRE-HDBT IR Emitter for HDBaseT Extenders
- PT-IRK-HDBT IR Kit for HDBaseT Extenders
- PT-IRR-HDBT IR Receiver for HDBaseT Extenders



PTM-RS100 Universal RS232 Cable with Adjustable Pin Settings



- PT-RM-SE104 Rack Mount Kit 1U for 4x Slim Extenders
- PT-RM-SE312 Rack Mount Kit 5U for 12x Slim Extenders

- HBaseT (RJ45) →
- RS232 (3 pin Phoenix) →
- IR In (3.5mm Jack) →
- Power (DC Barrel) →



- HDMI
- IR Out (3.5mm Jack)
- Analogue Stereo (3.5mm Jack)
- Digital Audio (COAX)
- Digital Audio (Toslink Fiber)

Legend:

- Blue line: Audio
- Red line: Video
- Green line: Control
- Grey line: Power