

Model : ATZ HDBT-E70-RB-Audio

Description : HDBaseT Receiver Box for HDMI w/IR+PoC+Audio (70m)



This receiver is using the HDBaseT technology. It supports no compression, no losses, no latency HDMI signal transmission. It can work with other HDBaseT equipment, such as Sony HDBaseT projector. All the signals are transmitted by one single CAT5E/ CAT6/ CAT7 cable, for 1080P it can transmit to a distance of 70m, for 4K30Hz, it can up to 35m. Compatible with all the HDTV resolutions, HDMI1.4a protocol. It also support bi-directional RS232 and IR transmission and realize the long distance control. Supports power over cable, users only need to power one side; Supports 3.5mm Audio embedded and de-embedded function, it can help users to have more choice whether the internal or external audio input and output; Supports EDID management, it provides users a wider way to work with different displays. So it can be popularly used in media conferencing room, school, government, cinema and so on applications.

Features:

- Transmit highest quality audio and video, for 1080p can up to 70m and 4K can up to 35m over single Cat6/6a/7 cable
- Highest resolutions supported up to 4K2K@30Hz
- Equipped with EDID management capability
- Bidirectional IR/Serial control signal transmission

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All specifications are subject to change without prior notice.

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- Power over Cable (POC) locally powered over Cat5e/6 cable at either end
- Supports 7.1 DTS Master HD, Dolby True HD
- Audio embedded and de-embedded

Specifications:

Product Name	Unique Audio and EDID Management HDMI 70m Extender kit
Protocol	Support HDMI1.4a and compatible with HDCP, EDID Management
Resolution	480i, 576i, 480p, 576p, 720p, 1080i, 1920 x 1080p up to 60Hz 3840/4096 x 2160 up to 30Hz
Control	RS232, bidirectional IR
Transmission distance	70m at 1080P, 35m at 4K30 via Cat5e/Cat6
Bandwidth	10.2Gbps
Power Supply	DC 12V 1.25A
Dimension (WxDxH)	152*95*27(mm)
Weight	200g
Operating Temperature	-10°C to 40°C
Storage Temperature	-25°C to 55°C

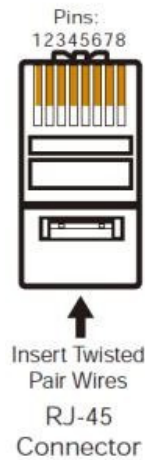
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RJ-45 connector

Suggest to use twisted shield pair 24AWG cable, the bandwidth at least 400MHz, and crystal connector.



TIA/EIA-T568B	
Pin	Wire Color
1	White-orange
2	Orange
3	White-green
4	Blue
5	White-blue
6	Green
7	White-brown
8	Brown

Package contents:

- 1x HDBaseT Receiver box
- 1x Power adapter(DC 12V)

Warranty: 2 Years

Warranty is effective from the date of original delivery.

This warranty shall be void if a serial number has been removed from the product.