

HDBaseT EXTENDER



EH-070BPT(POH)



EH-100BPT(POH)



USER MANUAL

V1.0

Package Content

- 1x Transmitter (EH-070BPT-T or EH-100BPT-T)
- 1x Receiver (EH-070BPT-R or EH-100BPT-R)
- 1x Power adapter DC 48V with lock
- 1x IR receiver
- 1x IR blaster
- 1x User Manual
- 8x foot pads

Overview

The EH series uses the HDBaseT™ technology to extend HDMI signal up to 70/100/150 meters over one CAT-5e or better LAN cable.

Features

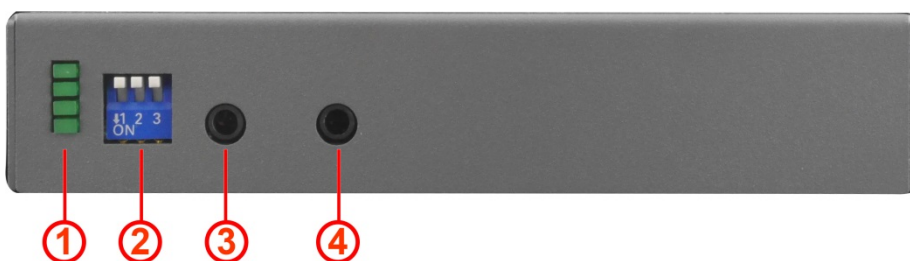
- Supports 4K@24/25/30Hz (4:4:4) and 4K/60 (4:2:0) and 1080p (12bit) and 3D up to 70/100 meters.
- Supports HDMI 2.0
- Supports HDCP 1.4 and 2.2
- Supports 3D pass-through

- Supports CEC pass-through
- Supports RS-232(Bi-direction transfer)
- Supports all frequency band IR control
- Supports all digital audio modes
- Supports HDBaseT Mode
- Supports Long Reach Mode (Only for EH-100BPT, Video Resolution Max. 1920x1080p@60Hz / 8bit, Cable Distance Max. 150 Meters)
- Supports Power Over Cable

Specifications

Function	EH-070BPT-T	EH-070BPT-R	EH-100BPT-T	EH-100BPT-R
HDMI Connector	HDMI A-Type Female x 1			
RJ-45 Connector	RJ-45 Jack x 1			
RS232 Connector	DB9 Female x 1			
IR IN	3.5 ψ Stereo Jack x 1			
IR OUT	3.5 ψ Stereo Jack x 1			
DIP SW	3 Pin x 1			
LED	4 in 1 LED x 1			
DC Jack	v	None	v	None
Max. Resolution	4K@30Hz / 1080p@60Hz			
Cable Distance	70 m (Max.)		100/150 m (Max.)	
Power Adapter (Min.)	DC 48V with lock			
Enclosure	Metal			
Weight	310g	320g	310g	320g
Dimensions (LxWxH)	126x83x25 mm			

FRONT VIEW(Transmitter / Receiver)



1. POWER / HDCP / LINK / MODE LED

2. DIP SW

Pin 1 - OFF : DEFAULT

ON : F/W UPGRADE Mode

Pin 2 – OFF : Long Reach Mode(EH-070BPT OFF : Reserved)

ON : HDBT Mode

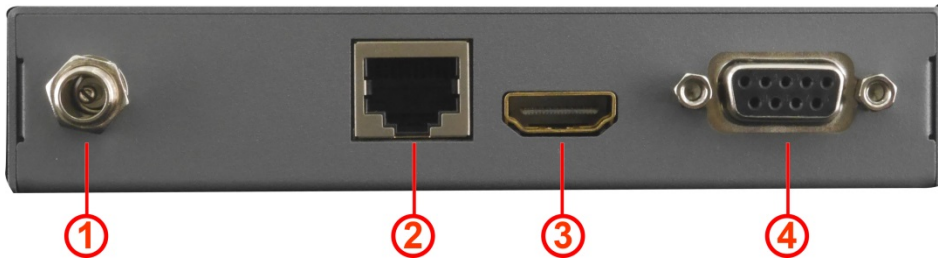
Pin 3 – OFF : AUTO Mode

ON : MANUAL Mode

3. IR OUT (for IR blaster cable)

4. IR IN (for IR receiver cable)

REAR VIEW(Transmitter)



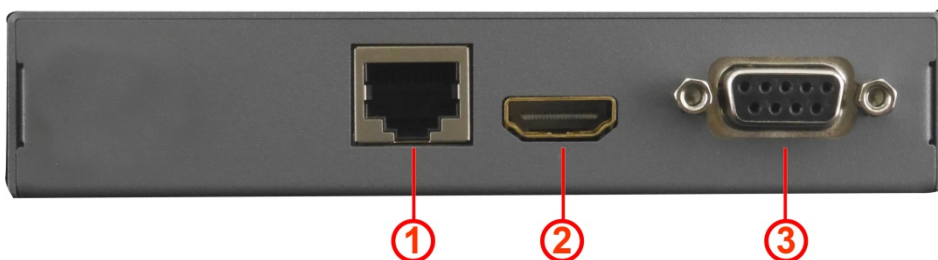
1. Power jack 48V DC

2. LINK (RJ-45 Connector)

3. HDMI IN

4. RS-232

REAR VIEW(Receiver)



1. LINK(RJ-45 Connector)

2. HDMI OUT

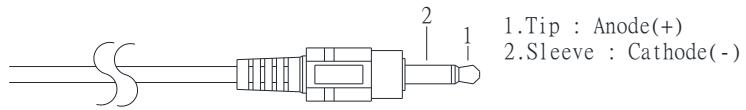
3. RS-232

Installation

1. Turn off the BD player and HDTV.
2. Connect the HDMI cable with the BD player and the <HDMI IN> port of HDBaseT extender Transmitter.
3. Connect the HDMI cable with the HDTV and the <HDMI OUT> port of HDBaseT extender Receiver.
4. Connect the LAN cable between the HDBaseT extender Transmitter and Receiver <LINK> port.
5. Connect the power cord and turn on the HDBaseT extender.
6. Turn on the BD player and HDTV.

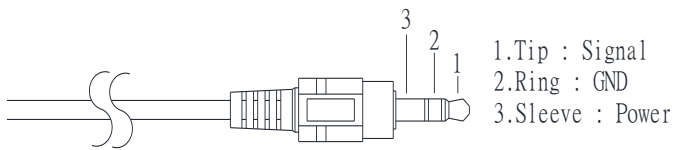
IR Blaster Cable :

Connect IR blaster cable to <IR OUT> port, it sits in front of the BD player IR receiver sensor, which is located on the front-panel.



IR Receiver Cable Directions:

Connect IR receiver cable to <IR IN> port, place the IR Receiver Cable, so that you can point to it easily with your IR remote controller.



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