

# HBT2-C6POH-SET

4K@60 HDMI/Audio over CAT5e/6/7  
Extender with 48V PoE



## 4K HDBaseT HDMI EXTENDER WITH AUDIO RETURN

### KEY FEATURES

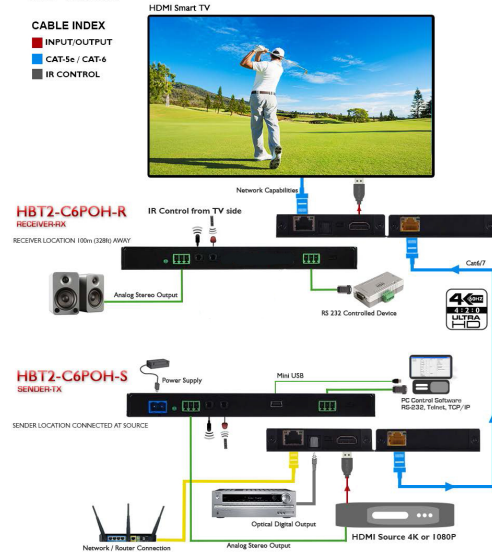
- Supports HDBaseT 2.0 specification over a single CAT6/7 cable up to 100m/328ft and CAT5e cable up to 90m/295ft;
- HDMI (with 3D & 4K2K@60 -YUV420 support), HDCP 2.2 and DVI compatible;
- HDBaseT 5Play™ convergence: High-Definition (HD) Video and Audio, 100BaseT Ethernet, PoE and Control (Bidirectional IR/RS-232 pass-through);
- Supports pass-through of HD audio formats: LPCM 2/5.1/7.1CH, Dolby Digital 2/5.1CH, Dolby Digital Plus, Dolby TrueHD, Dolby Atmos and DTS-HD Master Audio;
- Supports optical sampling rate up to 48kHz;
- Supports Ethernet network connection;
- Supports external analog and digital audio transmission;
- Supports RS-232 baud rate from 110~115200bps.

### HBT2-C6POH-SET

CAT5e = 90m (295 feet)  
CAT6/7 = 100m (328 feet)

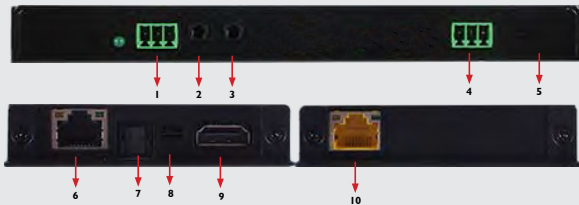
POINT TO POINT

**CABLE INDEX**  
■ INPUT/OUTPUT  
■ CAT-5e / CAT-6  
■ IR CONTROL

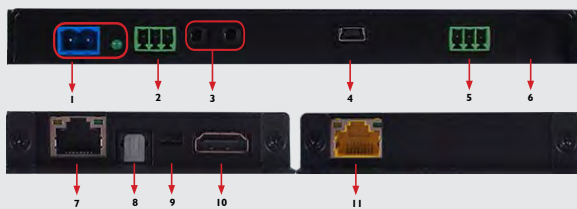


### PANEL DESCRIPTION

Receiver/RX



Sender/TX



Receiver/RX

- 1 Audio IN L/R
- 2 IR IN 2
- 3 IR OUT 1
- 4 RS 232 IN TX/RX
- 5 Factory Update
- 6 LAN
- 7 Optical IN
- 8 Audio Return Channel IN Switch
- 9 HDMI Out
- 10 Cat5e/6/7 IN

Sender/TX

- 1 DC 48V and Power LED
- 2 Audio IN L/R
- 3 IR IN 2 / IR OUT 1
- 4 USB Control port
- 5 RS 232 IN TX/RX
- 6 Factory Update
- 7 LAN
- 8 Optical OUT
- 9 Audio Return Channel OUT
- 10 HDMI IN
- 11 Cat5e/6/7 OUT

| ITEM                 | SPECIFICATION   |
|----------------------|---|
| Model                | HBT2-C6POH-SET  |
| Model Description    | 4K@60 HDMI/Audio over CAT5e/6/7 Extender with 48V PoE   |
| Video Bandwidth      | 340 MHz/10.2 Gbps   |
| HDCP Compliance      | 2.2   |
| HDMI Compliance      | 2.0   |
| Audio Support        | LPCM 2CH,6CH,8CH/AC3/DTS/Dolby Digital Plus/TruHD & DTS-HD  |
| Supported Resolution | Cat5e/6/7: 100 m - Up to 1080p@60 Hz<br>Cat5e: 90 m - 4K2K@30/60Hz<br>Cat6/7: 100 m - 4K2K@30/60 Hz |
| Input Ports (Tx)     | 1×HDMI, 1×USB, 1×L/R (Terminal Block), 1×LAN, 1×IR Extender, 1×RS-232 (Terminal Block)              |
| Output Ports (Tx)    | 1×CAT5e/6/7, 1×Optical, 1×IR Blaster  |
| Output Ports (Rx)    | 1×HDMI, 1×L/R (Terminal Block), 1×LAN, 1×IR Blaster, 1×RS-232 (Terminal Block)                      |
| Input Ports (Rx)     | 1×CAT5e/6/7, 1×Optical, 1×IR Extender   |
| Baud Rate            | Up to 115200 bps  |
| Dimensions           | 3.1" W x 7" D x 0.6" H  |
| Power Supply         | 48V/0.83A DC (US/EU standards, CE/FCC/UL certified)   |
| Audio Return         | Audio Return Channel  |
| Weight               | TX:0.7 lbs / RX:0.7 lbs   |
| Power Consumption    | 16.72 W   |



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