

Single Gang HDMI® Wall plate over HDBaseT™ w/ IR, RS- 232 & PoC

Extend Single HDMI® source from a Wall Plate up to 70 meters with control

MPN: WP-EXTHDBTX1



4K
ULTRA HD

The **KanexPro WP-EXTHDBTX1** is a US Decora style single gang HDMI 2.0® wall plate transmitter designed for connecting one HDMI device such as a laptop, Blu-ray, or a 4K media player remotely over CAT5/6 up to 230 ft. (70 meters). The outputs is via HDBaseT port. It supports full 18 Gbps bandwidth with true 4K video resolutions up to 4/60Hz, HDCP 2.2 compliant and will extend 4K up to 40m delivering color sampling rate of 4:4:4.

PoC & Control:

The wall plate transmitter supports PoC – power over cable requiring only power supply from the Receiver optional, part# EXT-HDBT70MRX side to operate. It also supports bi-directional IR control and RS-232 control for devices to and from the display.

Applications:

Ideal for use within court rooms, classrooms, conference rooms or showrooms where audio-visual devices can be extended from a remotely located HDMI source device. This single-gang HDMI wall plate can be used anywhere to enhance signal integrity over CAT5e/6 cabling.

FEATURES

- Single Gang, One HDMI Input wall plate over HDBaseT
- Extend 4K/60 w/ 4:4:4 up to 40 meters (130ft.)
- Extend 1080p/60 w/ 4:4:4 up to 70 meters (230 ft.)
- Supports the latest HDMI 2.0 Specs with 18 Gbps bandwidth
- Digital Audio Support up to 7.1 channels of HD audio
- HDCP 2.2 /1.4 Compliant
- Bi-directional IR & RS-232C
- Remote power support thru PoC (Either from Tx or Rx)
- POC Power consumption is less than 10W
- Simple point-to-point transmission over CAT5e/6
- Active LED status indicator

WHATS INCLUDED IN THE BOX:

- 1x 18G HDMI Wall Plate Transmitter
- 1x User Manual
- 2x Phoenix connector (2 pins)
- 2x Phoenix connector (3 pins)

SPECIFICATIONS

HDMI Compliance:

- HDMI 2.0b HDCP
- Compliance HDCP 1.4 & HDCP 2.2
- Video Bandwidth: 18 Gbps
- Video Resolutions: up to 4K2K@50/60Hz(YUV4:4:4), 4K2K@30Hz, 1080p@ 120Hz, & 1080p 3D@60Hz
- Color Space RGB/YCbCr 4:4:4, YCbCr 4:2:2
- Color Depth 10-bit, 12-bit

HDMI Audio Formats:

- LPCM 2/5.1/7.1CH, Dolby Digital, DTS 5.1, Dolby Digital+, Dolby TrueHD, DTS-HD Master Audio, Dolby Atmos, DTS:X Optical Audio Formats
- LPCM 2CH, LPCM 5.1, Dolby Digital 2/5.1CH, DTS 2/5.1CH

ESD Protection:

- Human body model—38kV (Air-gap discharge)
- 34kV (Contact discharge)

SPECIFICATIONS

Connections:

Transmitter Inputs:

- 1x HDMI Type A [19-pin female]
- 1x IR INPUT [Phoenix jack]
- 1x RS-232 [Phoenix jack]

Outputs:

- 1x HDBaseT Out [RJ45]
- 1x IR OUTPUT [Phoenix jack]
- 1x RS-232 [Phoenix jack]

Power Supply:

- **Input:** AC100 - 240V 50/60Hz
- **Output:** DC 24V/1A (US/EU standards, CE/FCC/UL certified)
- **Power Consumption:** 9W (Max)

Mechanical:

- Housing: Metal Enclosure
- Color: Black
- Dimensions: 103.5mm [W] x 46mm [D] x 30mm [H]
- Weight: 163g

Operating Temperature: 32 - 104°F / 0 - 40°C

Storage Temperature: -4 - 140°F / -20 - 60°C

Relative Humidity: 20 - 90% RH (no condensation)

Warranty: 3 Years Part & Labor

