

TECHNICAL SPECIFICATION



Back View



Back View



4K HDBaseT with USB Kit

Part Number:	EHB-150-W
Revision Number:	1
Date:	2-7-2019
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1723 W. 4th Street Tempe Arizona 85281

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Introduction

This HDBaseT transmitter can extend HDMI over a single CAT5e/6/6A cable. It can be transmitted up to 132ft/40m for 4K2K@50/60Hz (4:2:0) and 4K30Hz (4:4:4), or 1080P up to 230ft/70m. This product offers support for one independent analog audio, one way RS232 signal pass-through with HDMI and USB unidirectional signal transmission. This powerful product combo is perfect for classrooms and meeting room applications.

Package Contents

- HDMI Wall Plate Transmitter - 1PC
- HDBaseT Receiver - 1PC
- Phoenix connector (3 pins) - 1PCS
- Phoenix connector (2 pins) - 1PCS
- 24V/1A power adapter - 1PCS
- Cover plate - 1PCS
- Rack ears - 2PCS
- User Manual - 1PC

Specifications

- HDMI 1.4b 10.2Gbps, HDCP 2.2 compliant
- Up to 4K2K@50/60Hz(4:2:0), 4K2K@30Hz(4:4:4), 1080p@120Hz
- HDBaseT™ over a single CAT5e/6/6A cable up to 230ft/70m distance at 1080p or 132/40m distance at 4K30.
- One HDMI input, 1 Gang US Decora Wall Plate
- One independent analog audio signal
- Supports USB 2.0
- Supports HDR, CEC pass through

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Technical Specifications

Technical	
HDMI Compliance	HDMI 1.4b
HDCP Compliance	HDCP 2.2
Video Bandwidth	10.2Gbps
Video Resolutions	4K2K@50/60Hz 4:2:0, 4K2K@30Hz 4:4:4 1080P@120Hz, and 1080P 3D@60Hz
Color Space	RGB, YCbCr 4:4:4, YCbCr 4:2:2
Color Depth	8-bit, 10-bit, 12-bit
HDMI Audio Formats	LPCM, Dolby Digital/Plus/EX, Dolby True HD, DTS, DTS-EX, DTS-96/24, DTS High Res, DTS-HD Master Audio, DSD
Analog Audio Formats	LPCM 2CH, LPCM 5.1, Dolby Digital 2/5.1CH, DTS 2/5.1CH
ESD Protection	Human body model - +/- 8kV (air-gap discharge) & +/-4kV (contact discharge)

Connections	
Transmitter	Inputs: 1x HDMI Type A [19-pin female] 1x RS-232 [3-pin phoenix] 1x AUDIO IN [3.5mm earphone] 1x DC 24V/GND [2-pin phoenix] 1x USB [USB-B] Outputs: 1x HDBaseT OUT [RJ45]
Receiver	Inputs: 1x HDBaseT IN [RJ45] Outputs: 1x HDMI Type A [19-pin female] 1x DC 24V [locking power] 1x AUDIO OUT [3.5mm earphone] 1x RS-232 [3-pin phoenix] 2x USB [USB-A]

Mechanical	
Housing	Metal Enclosure
Color	TX: White-Front Panel, Black-Rear Case, RX: Black
Dimensions	TX: 103.5mm [W] x 46mm [D] x 30mm [H] RX: 140mm [W] x 75mm [D] x 23mm [H]
Weight	TX: 163g, RX: 200g
Power Supply	Input: AC100 - 240V 50/60Hz, Output: DC 24V/1A (US/EU standards, CE/FCC/UL certified)
Power Consumption	9W (Max)
Operation Temperature	32 - 104 °F / 0 - 40 °C
Storage Temperature	-4 - 140°F / -20 - 60°C
Relative Humidity	20 - 90% RH (no condensation)

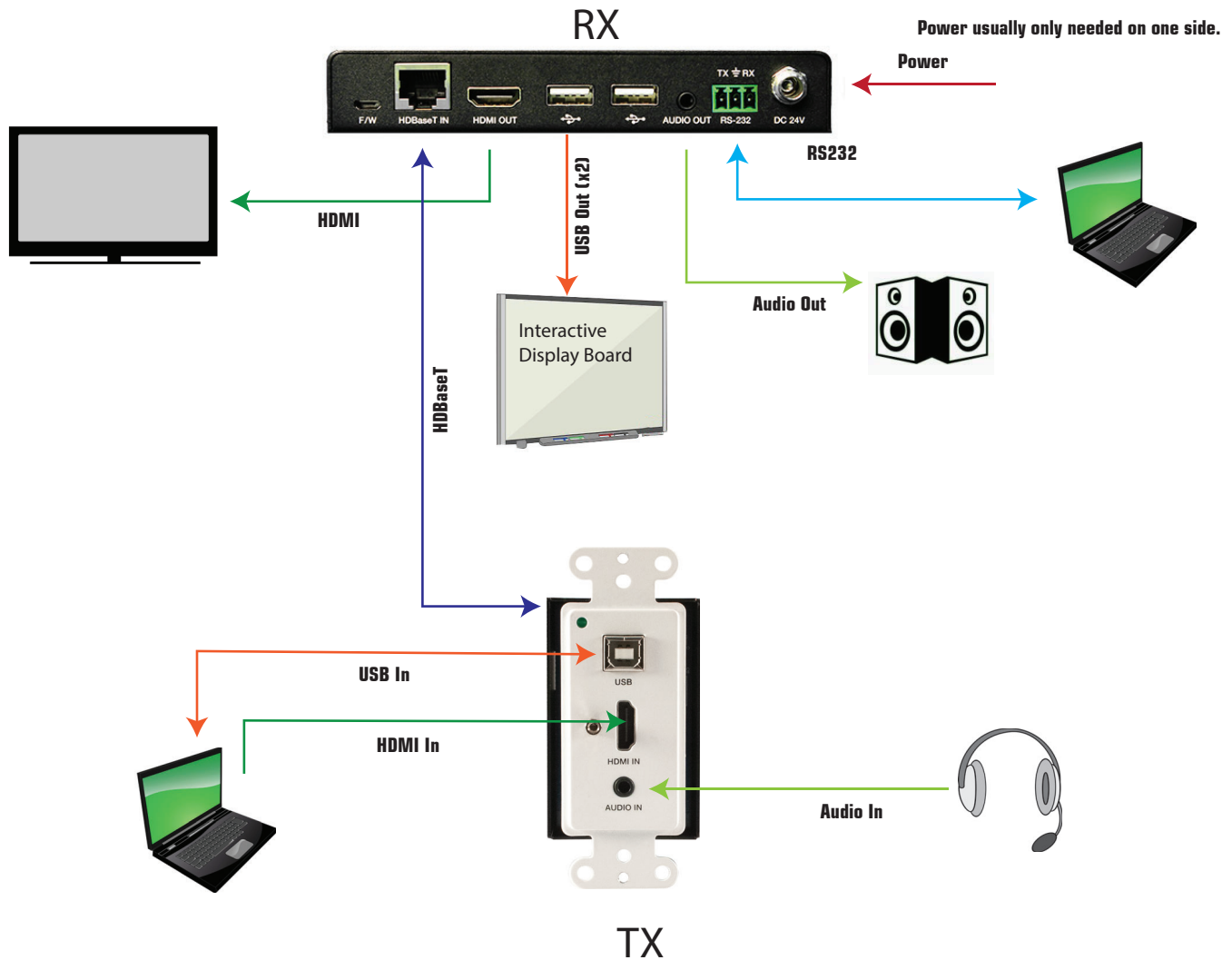
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Application Diagram



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