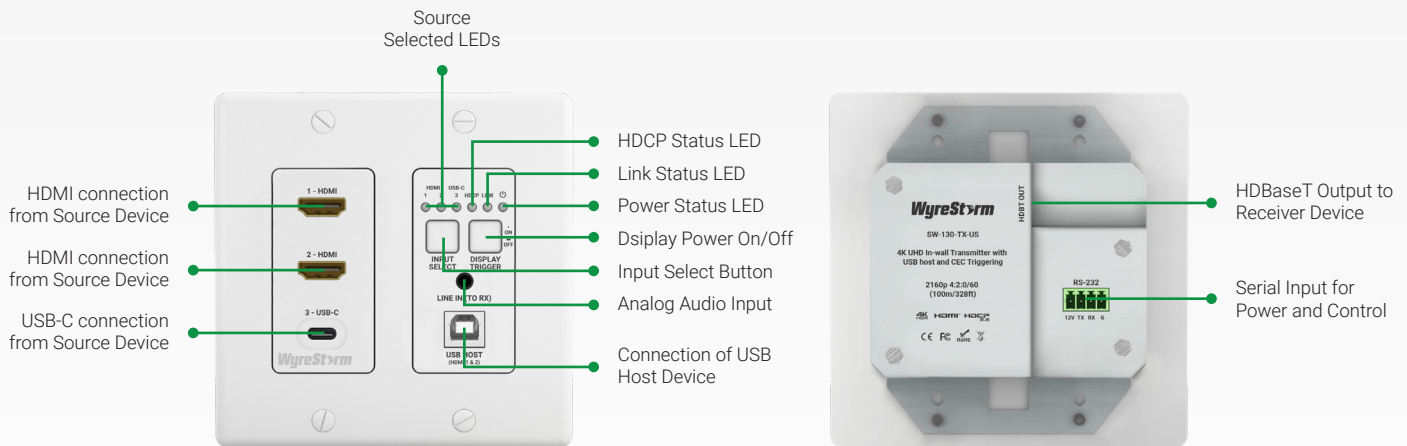


3-Input In-wall HDBaseT™ Transmitter with USB Host & CEC Trigger. 2-gang US/UK Back-box

SW-130-TX-US | SW-130-TX-UK

WyreStorm

Specification Sheet



Note: All ports are identical on the SW-130-TX-UK model



WyreStorm - Powerful. Reliable. Simple.

Introduction

3 inputs and powerful HDBaseT transmission result in this powerful switching transmitter, perfect for corporate meeting and classroom environments. Automatic or manual switching of 2 HDMI's or USB-C and CEC power triggering via HDBaseT mean a simple user experience when it matters most. Further functionality allows USB devices to be routed back to the source via USB host (or natively via USB-C) and charging for the connected USB-C device.

Key Features

- Professional HDBaseT switcher/transmitter for video conference or meeting room
- 3-switchable inputs: 2 HDMI and USB-C supporting:
 - Content up to 4K/30 4:4:4 & RGB or 4K/60 4:2:0 8-bit
 - Latest HDR standards, including HDR-10 and Dolby Vision™ at 30Hz
 - HDCP 2.2 encryption technology ensuring compatibility with the latest 4K UHD content and sources
 - HD Multichannel audio up to DTS:X and Dolby Atmos™
- USB-C port supports alt-mode functionality for A/V and USB data
- USB-C charging for connected devices up to 5v 1A
- Compatible with DVI-I and DP++ v1.3 signals from supported devices
- Additional 2ch analog audio input for sending separate stereo audio to RX
- USB2.0 host port for connection of far-end devices such as webcams, smart touchscreens and microphones
- Automatic or manual CEC triggering for compatible connected screens or projectors
- Primary power supply via PoH from a supported receiving device (RX-700)
- Additional power input via DC port on rear via 12v 1A PSU (not included).
- Port shared with RS-232 input
- Control options include automatic switching, manual switching & CEC trigger and RS-232 control
- Compatible with TS-280 touchscreen for control with 12v power outlet
- 2-Gang UK form factor, white fascia, non-removable

For optimum performance, use with RX-700 4K HDR 4:4:4 60Hz HDBaseT2.0 Receiver with USB device inputs, Ethernet & PoH (4K: 100m/328ft)

In the Box

- 1x 4-pin Phoenix Male Connector
- 1x USB host cable (Type A-B)
- 1x Decora face plate (SW-130-TX-US)
- 4x Retaining screws (SW-130-TX-US)
- 1x Quickstart guide

Cat6 Cable Performance Guide

0m	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m
0ft	32ft	65ft	98ft	131ft	164ft	197ft	230ft	262ft	295ft	328ft

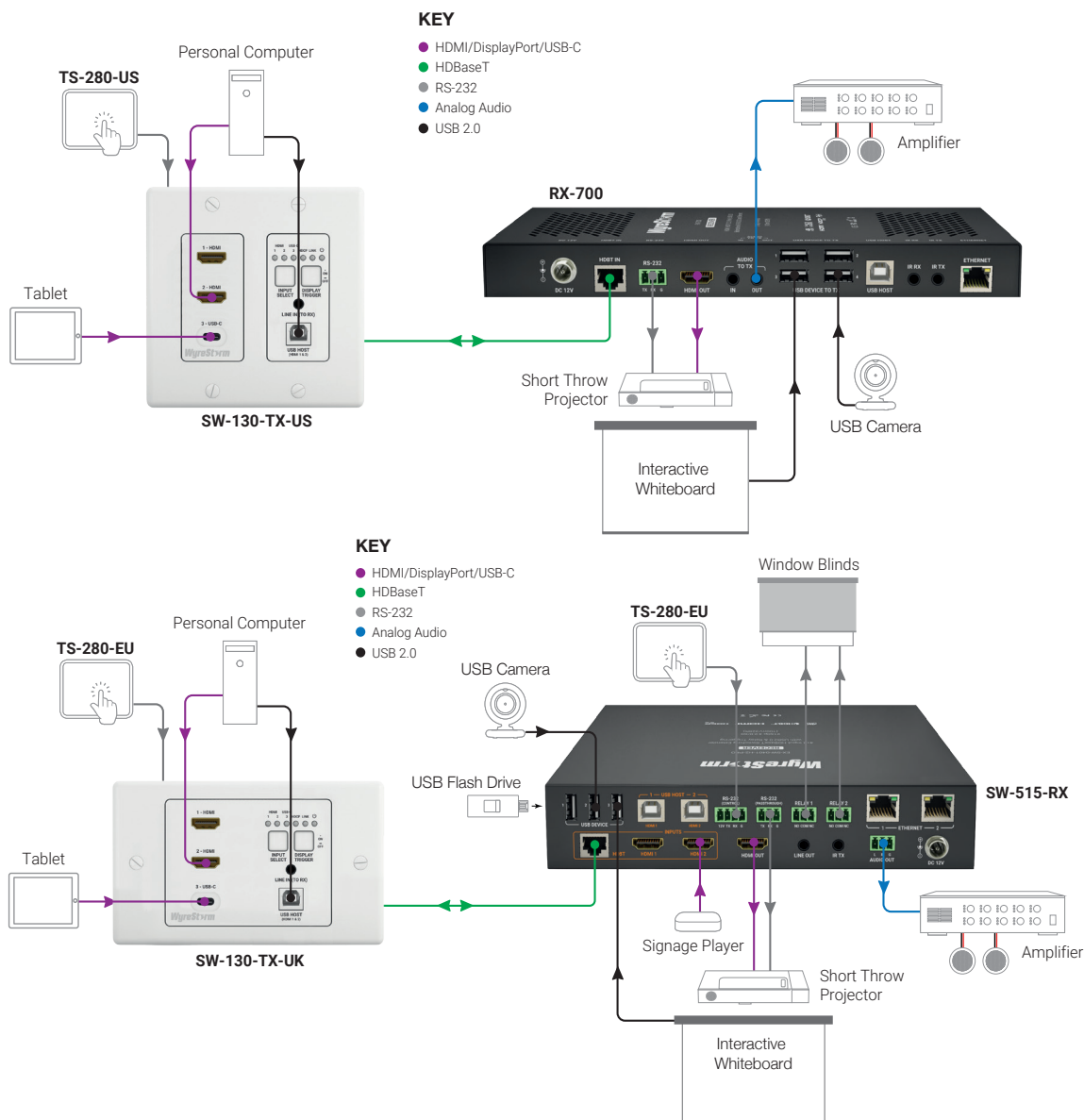
4K/HD Transmission

WyreStorm recommends the use of shielded cable to minimize signal noise and interference

Specifications

Transmission				
Transmission Encoding	HDBaseT Class C PAM16 Encoding			
End to End Latency	10μs			
Maximum Transmission Bit Rate	10.2Gbps			
Video				
HDMI	v2.0b TMDS 340MHz Maximum			
Inputs	2x HDMI In: 19-pin type A 1x USB-C In: USB 3.1c Audio/Video (4.5Gbps)			
Outputs	1x HDBT out: 8-pin RJ45			
Maximum Pixel Clock	HDMI & HDBaseT: 340MHz			
Video Resolutions (Max)	Video Resolution	HDMI	Cat6	Cat6a/7
	1920x1200p @60Hz	70m/230ft	70m/230ft	100m/328ft
	2560x1440p @60Hz	15m/49ft	100m/328ft	100m/328ft
	3840x2160p @30Hz 8bit 4:4:4	7m/23ft	70m/230ft	100m/328ft
	3840x2160p @30Hz 10bit 4:2:0 HDR	5m/16ft	70m/230ft	100m/328ft
	3840x2160p @30Hz 12bit 4:2:2 HDR	5m/16ft	70m/230ft	100m/328ft
	Note: WyreStorm recommends the use of shielded category cable to minimize signal noise and interference.			
Supported Standards	DCI RGB HDR HDR10 Dolby Vision up to 30Hz HLG BT.2020 BT.2100			
Audio				
Inputs	1 x Audio In: 3.5mm (1/8in) TRS Stereo 2ch audio over HDBaseT 1-way to RX			
Audio Formats	2ch PCM Multichannel up to DTS-X and Dolby Atmos			
Maximum Sampling Rate	192KHz			
Maximum Audio Channels	32			
Audio Return Channel (ARC)	Not Supported			
Communication and Control				
USB Host (HDMI Inputs)	1x Type B host Maximum data throughput: 190Mbps			
USB 3.1c	Alt-mode Supported A/V and USB data from RX			
RS-232	1x RS-232: 4-pin Phoenix Shared with 12v DC input Compatible with WyreStorm TS-280 touchscreen via 4-pin phoenix port (only when using PoH)			
HDCP	Pass-through, 2.3 Supported			
EDID	Pass-through, from RX			
Consumer Electronics Control (CEC)	One-way display trigger to RX			
Auto Low Latency Mode (ALLM)	Supported			
Variable Refresh Rate (VRR)	Supported			
Power				
Power Supply	12V DC 1A (not included)			
Max Power Consumption	7.8W			
Power-over-HDBaseT (PoH)	Supported, 1-way from RX			
Local Power Supply Input	4-pin phoenix			
Environmental				
Operating Temperature	0 to + 45°C (32 to + 113 °F), 10% to 90%, non-condensing			
Storage Temperature	-20 to +70°C (-4 to + 158 °F), 10% to 90%, non-condensing			
Maximum BTU	2.29 BTU/hr			
Dimensions and Weight				
	SW-130-TX-UK		SW-130-TX-US	
Installation	In-wall, 2-gang		In-wall, 2-gang	
Height	86mm/3.38in		105mm/4.13in	
Width	146mm/5.74in		89mm/3.5in	
Depth	38mm/1.55in		38mm/1.55in	
Weight	0.27Kg/0.60lbs		0.3Kg/0.66lbs	
Regulatory				
Safety and Emission	CE FCC RoHS RCM EAC			

Right Product for the Right Application.



Note: WyreStorm reserves the right to change product specification, appearance or dimensions of this product at any time without prior notice.