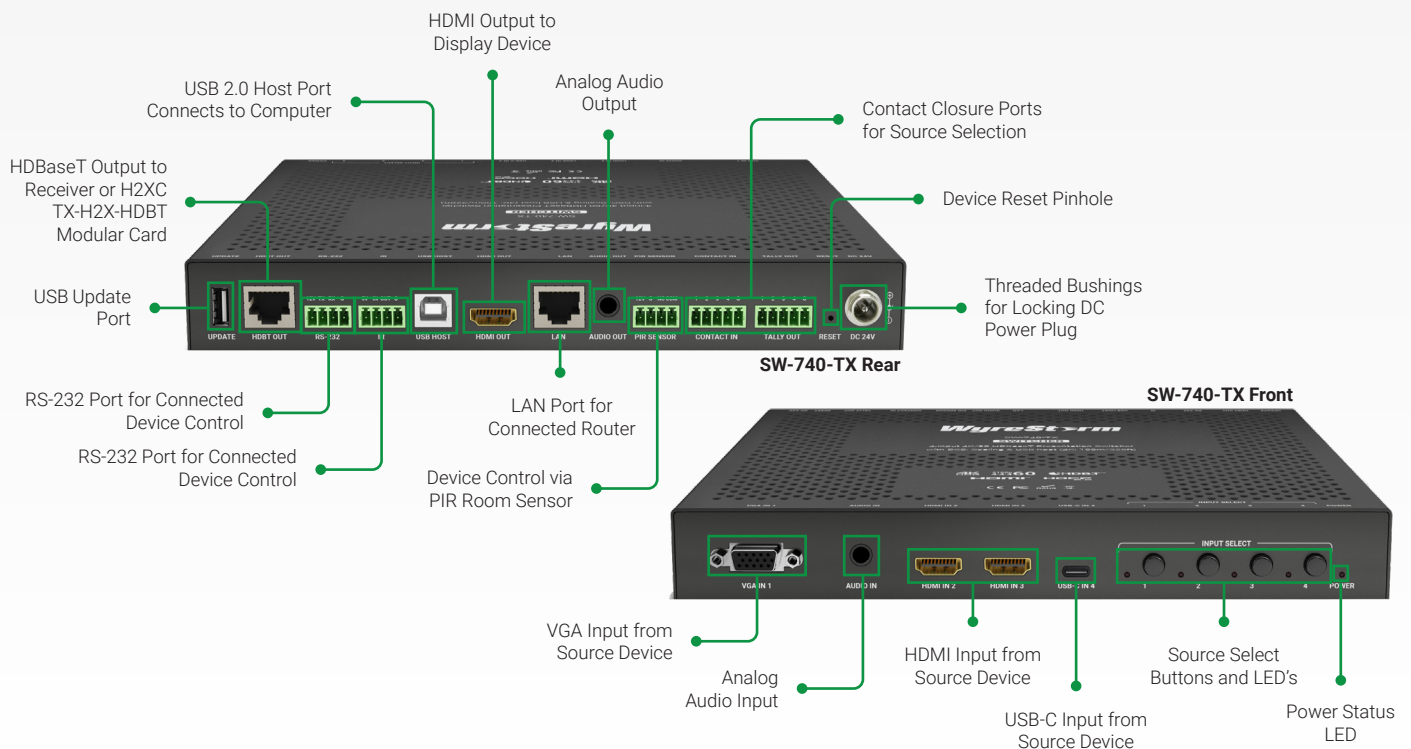


4-input Desk-mounted 4K/60 HDBaseT Presentation Switcher with DSC Compression, Scaling & USB Host

SW-740-TX

WyreStorm

Specification Sheet



WyreStorm - Powerful. Reliable. Simple.

Introduction

Utilizing the best in HDBaseT technology, the SW-740-TX harnesses the power of the Class C specification to deliver 5-play functionality over 100m/328ft of Cat6 cable. 4K/UHD video, Ethernet, Control & Power (PoH) can be sent to a remote display location via a compatible receiver whilst USB2.0 device data can be fed back via the USB host or USB-C ports to a connected source. The SW-740-TX has 4 switchable source inputs: 2 HDMI's supporting 18Gbps video up to 2160p 8-bit RGB/4:4:4 thanks to DSC compression, VGA, and USB-C supporting not only 4K/30 video, but device data from the connected receiver and device charging; the stereo audio input can be assigned to the VGA source or sent separately to the receiver.

Key Features

- Automatic or manual switching of 4 connected sources (VGA, 2 HDMI & USB-C) with assignable USB host connection
- Extended functions from USB-C port allow alt-mode for AV & USB host connectivity and device charging up to 3A over a single cable
- VESA recognised DSC compression technology enables extension of content up to 4K/60 8-bit to 100m/328ft
- Powerful output scaling matches video transmission to displays connected via HDBaseT & mirrored HDMI
- Includes input for separate analog audio device independent of HDMI signal for transmission to receiver
- PIR input allows automatic room triggering depending on occupancy
- USB-Type B Host connection for USB extension in KVM application when used with a compatible Class C HDBT receiver (RX-700 recommended)
- Intuitive Web UI for management, setup and maintenance
- Automatic or manual CEC triggering of connected display through HDMI or HDBaseT output.

In the Box

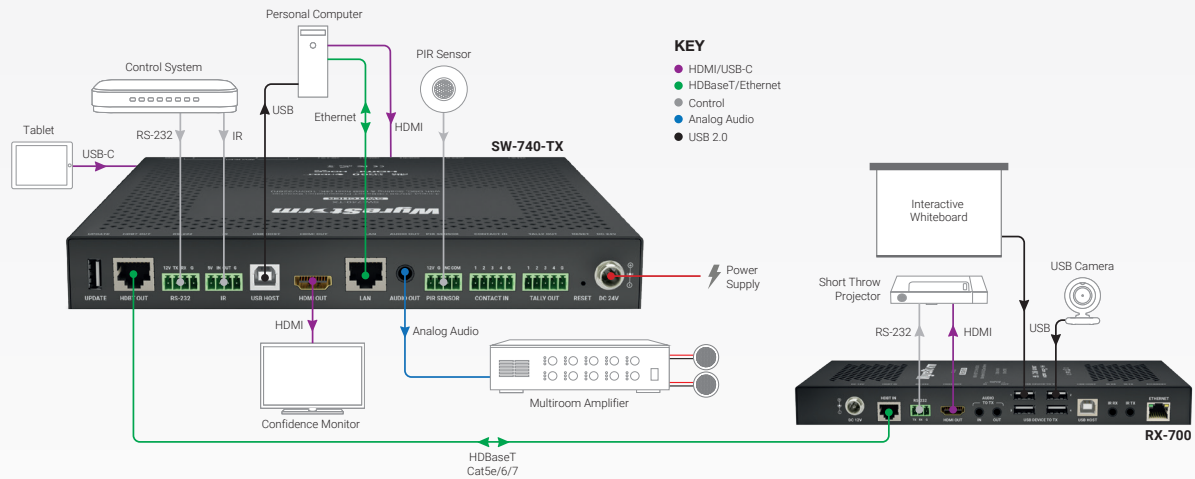
1x SW-740-TX Presentation Switcher
2x 5-pin Terminal Block
3x 4-pin Terminal Block

1x 24V DC 6A Power Supply with US/UK/EU/AU mains cables
2x Mounting Brackets
1x Quickstart Guide

Specifications

Audio and Video				
Inputs	1x VGA In: 15-pin VGA			
	1x USB-C			
	2x HDMI In: 19-pin type A			
	1x Audio In: 3.5mm (1/8in) TRS Stereo			
Outputs	1x HDMI Out: 19-pin type A			
	1x Audio Out: 3.5mm (1/8in) TRS Stereo			
	1x HDBT Out: 8-pin RJ-45 Female			
Output Video Encoding	HDBaseT Class C			
Encoding Data Rate	9.2Gbps			
End to End Latency (Max)	10µs (micro seconds)			
Audio Formats	2ch and multi-channel LPMC			
Video Resolutions (Max)	Video Resolution	HDMI	Cat6	Cat6a/7
	1920x1080p @60Hz 8bit	15m/49ft	150m/492ft	150m/492ft
	1920x1080p @60Hz 16bit	7m/22ft	150m/492ft	150m/492ft
	3840x2160p @60Hz 8bit 4:4:4	7m/22ft	100m/328ft	100m/328ft
	4096x2160p @60Hz 8bit 4:4:4	3m/10ft	100m/328ft	100m/328ft
	Note: WyreStorm recommends the use of shielded category cable to minimize signal noise and interference			
Supported Standards	DCI RGB			
Maximum Pixel Clock	600MHz			
Communication and Control				
HDMI	HDMI HDCP 2.2 EDID CEC DVI/D supported with adapter (not included)			
HDBaseT	HDMI HDCP 2.2 EDID CEC 2ch audio USB Serial			
RS-232	1x 4-pin Phoenix (Control)			
Ethernet	1x 8-pin RJ-45 female Bidirectional over HDBaseT			
IR	1x 4-pin Phoenix (Pass-through)			
USB	1x USB-C: USB 3.1 1x USB Host: USB-B Data Rate: 190Mbps			
CEC	Auto, Manual Display Power through HDMI & HDBT Output			
Other	PIR Sensor: 1 x 4-pin Phoenix Contact Input: 1 x 5-pin Phoenix Tally Output: 1 x 5-pin Phoenix			
Power				
Power Supply	24V DC 6A			
Max Power Consumption	Standard: 45W With USB Charging: 110W			
USB-C	20V 3A			
Environmental				
Operating Temperature	0 ~ +45°C (32 ~ +113 °F), 10% ~ 90%, non-condensing			
Storage Temperature	-20 ~ +70°C (-4 ~ +158 °F), 10% ~ 90%, non-condensing			
Maximum BTU/hr	Standard: 153.5 With USB Charging: 375.3			
Dimensions and Weight				
Rack Units/Wall Box	<1U			
Height	30mm/1.18in			
Width	240mm/9.44in			
Depth	200.2mm/7.88in			
Weight	1.34kg/2.96lbs			
Regulatory				
Safety and Emission	CE FCC RoHS EAC RCM			

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.