



WyreStorm - Because the Technology Matters.

Introduction

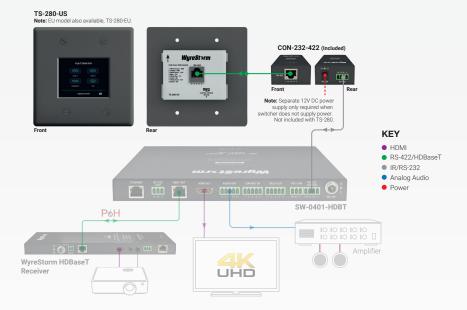
Introducing the TS-280 to the WyreStorm range. The 2.8" colour touchscreen can control any product within the WyreStorm range; whether it be a presentation switcher or matrix. With ease of use in mind the TS-280 is as easy to use as it is to set up, with pre-configured UI's ready to upload in just seconads via the MicroSD card slot on the rear.

The UI's are simple to use with large buttons clearly labeled for each major function and navigation controls (where applicable) to move between pages. Using a standard RJ45 connection on the rear and RS-422 communication, the TS-280 also comes with an in-line RS-422 to RS-232 converter which doubles as a power-injector if used with a product that doesn't feed the 12v power.

Key Features

- 2.8" color touchscreen perfect for WyreStorm switcher control
- Backlit with automatic power off and wake on touch
- Pre-configured UI's designed for simple end-user experience
- Easy update: Download UI from wyrestorm.com and load via MicroSD card
- RJ45 connection and RS-422 communication to included RS-232 converter
- 300m/984ft transmission range to host device

	Touchscreen		Touchscreen Interface Module	
Audio and Video				
Switcher Control	1x RS-422: 8-pin RJ-45	5 Female	1x RS-232: 4-pin Phoenix	
Max Communication Distance	100m/328ft Interface	to Touchscreen	15.24m/50ft Switcher to Interface	
Power				
Power Supply	12VDC from Touchscreen Interface Module		12V DC from switcher or separate PSU (not included)	
Max Power Consumption	0.84W		0.36W	
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	Transmitter: 24 BTU/hr Receiver: 58 BTU/hr			
Dimensions and Weight				
	TS-280-US	TS-280-EU		
Rack Units/Wall Box	2 Gang	2 Gang	<1U	
Height With Without Feet	114mm/4.49in	86mm/3.39in	25mm/0.99in	
Width With Without Brackets	117mm/4.61in	147mm/5.79in	80.2mm/3.16in	
Depth With Without Handles	32.1mm/1.27in	32.1mm/1.27in	50mm/1.97in	
Weight	0.30kg/0.66lbs	0.28kg/0.62lbs	0.14kg/0.30lbs	
Regulatory				
Safety and Emission	CE FCC RoHS			

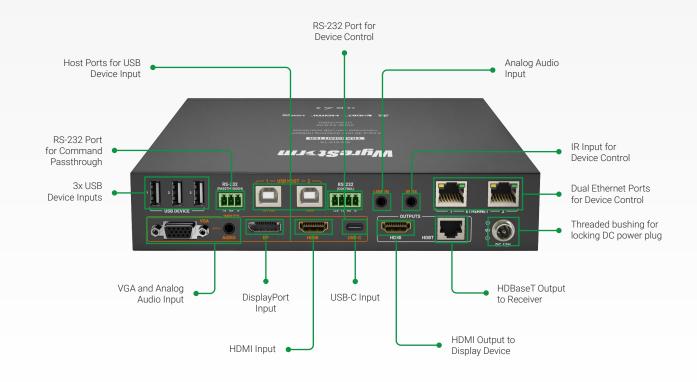


Note: WyreStorm reserves the right to change product specification, appearance or dimensions of this product at any time without prior notice.

4-input 4K UHD Switching HDBaseT Transmitter with USB host/device (4K: 100m/328ft)

SW-510-TX





WyreStorm - Powerful. Reliable. Simple.

Introduction

When the next generation of HDBaseT transmission meets WyreStorm's presentation switcher platform, the result is this powerful switching transmitter, perfect for corporate meeting and classroom environments. Automatic switching inputs with USB host extension and CEC triggering mean an autonomous experience with no user input required.

Key Features

- · Professional switching transmitter for education or corporate meeting rooms
- Automatic or manual switching between HDMI, VGA, DisplayPort and USB-C inputs
- Bidirectional USB2.0 for connection of webcams, smart touchscreens and microphones

In the Box

1x SW-510-TX Transmitter

- 1x 12V DC Power Supply (US/UK/EU)
- 1x IR Receiver
- 2x Mounting Brackets

- · USB-C input supports Alt-mode functionality for AV and USB device connection through a single cable
- Automatic or manual CEC triggering for compatible connected screens or projectors
- Supports source content up to 4K/60 4:2:0 with HDCP 2.2

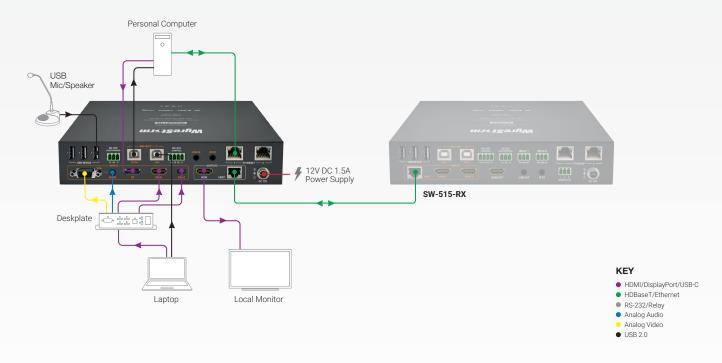
1x 3-pin Screw Down Phoenix Connector 1x 4-pin Screw Down Phoenix Connector 1x Quickstart Guide

Specifications

Audio and Video							
Inputs	1x VGA In: 15-pin VGA 1x Display Port In: DisplayPort 1.3 1x HDMI In: 19-pin type A 1x Audio In: 3.5mm (1/8in) TRS Stereo 1x Line In: 3.5mm (1/8in) TRS Stereo						
Outputs	1x HDMI Out: 19-pin type A 1x HDBT Out: 8-pin RJ-45 Female						
Video Encoding	HDBaseT Class C						
Encoding Data Rate	9.2Gbps						
End to End Latency	10µs (micro seconds)						
Audio Formats	2ch Analog/PCM Multichannel: LPCN	1					
	Video Resolution	HDMI	Cat6	Cat6a/7			
	1920x1200p @60Hz 8bit	15m/49ft	150m/492ft	150m/492ft			
Video Resolutions (Max)	1920x1080p @60Hz 8bit	15m/49ft	150m/492ft	150m/492ft			
	3840x2160p @30Hz 8bit 4:4:4	7m/23ft	100m/328ft	100m/328ft			
	4096x2160p @60Hz 8bit 4:2:0	7m/23ft	100m/328ft	100m/328ft			
Supported Standards	DCI RGB						
Maximum Pixel Clock	297MHz						
Communication and Control							
HDMI	HDMI HDCP 2.2 EDID DVI/D support	rted with adapter (not inclu	ıded)				
HDBaseT	HDMI HDCP 2.2 EDID CEC 2ch audio USB						
Ethernet	2x 8-pin RJ-45 female Bidirectional ov	2x 8-pin RJ-45 female Bidirectional over HDBaseT					
RS-232	1x RS-232 (Control): 3-pin Phoenix 1x RS-232 (Passthrough): 3-pin Phoenix						
IR	1x IR RX: 3.5mm (1/8in) TS Mono						
USB	1x USB-C: USB 3.1 Audio/Video 2x USB Host: USB-B 3x USB Device: USB-A USB over HDBT limited to 190Mbps Max 5v 500mA per USB Type A						
Power							
Power Supply	12V DC 2A						
Max Power Consumption	14.02W						
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	56.3BTU/hr						
Dimensions and Weight							
Rack Units/Wall Box	<1U						
Height With Without Feet	44.5mm/1.76in 42mm/1.66in						
Width With Without Brackets	263mm/10.36in 220mm/8.67in						
Depth With Without Handles	148.7mm/5.86in 148.7mm/5.86in						
Weight	0.97kg/2.13lbs						
Regulatory							
Safety and Emission	CE FCC RoHS						

2 of 3

Right Product for the Right Application.

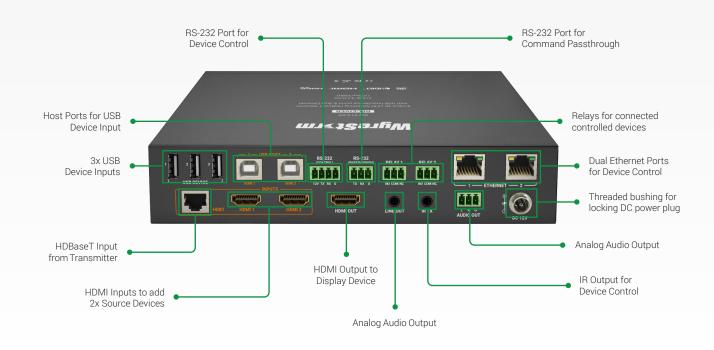


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3-input 4K UHD Switching HDBaseT Receiver with USB Host/Device Ports & Dual Ethernet (4K: 100m/328ft)



SW-515-RX



WyreStorm - Powerful. Reliable. Simple.

Introduction

Powerful, next generation HDBaseT receiver compatible with WyreStorm's presentation switcher platform, perfect for corporate meeting and classroom environments. Automatically switches between a remote source sent over HDBaseT and 2 local HDMI sources, all with USB device extension. CEC triggering and 3rd party device relays further contribute to a superior and autonomous presentation experience.

projectors

Key Features

- HDBaseT receiver with switching inputs for education or corporate meeting rooms
- Automatic or manual switching between a remote HDBaseT source or 2 local HDMI's
- Bidirectional USB2.0 for connection of webcams, smart touchscreens and microphones

In the Box

- 1x SW-515-RX Transmitter
- 1x 12V DC Power Supply (US/UK/EU)
- 1x IR Transmitter 2x Mounting Brackets

Condition based relays triggered on source presence
Supports source content up to 4K/60 4:2:0 with HDCP 2.2

Automatic or manual CEC triggering for compatible connected screens or

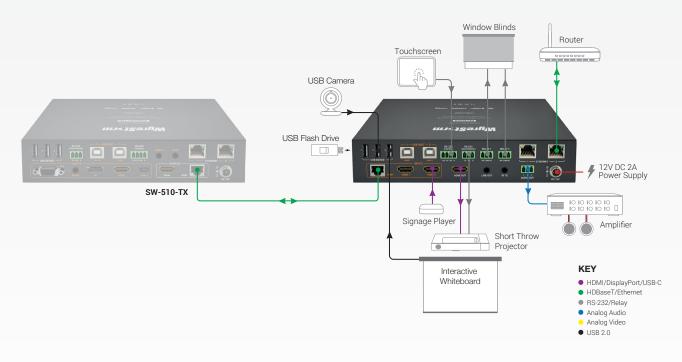
4x 3-pin Screw Down Phoenix Connector 1x 4-pin Screw Down Phoenix Connector 1x Quickstart Guide

Specifications

Inputs 2x HDMI: Papin type: A 1x HDMI the Spin RV-46 Female Outputs 1x Audio Out: Spin Phoenix 1x Output (Smin Statsero Outputs) Video Fencding HDBaseT Class C Encoding Data Rate 0.26bps Encoding Output HDMI Cat6 Cat6ar7 TigoN: 200p. @00H2 abit 15m/49ft 150m/492ft 150m/492ft Video Resolution HDMI Cat6 Cat6ar7 1920x1200p. @00H2 abit 15m/49ft 150m/492ft 150m/492ft 3940x2160p. @00H2 abit 15m/49ft 150m/492ft 100m/328ft Supported Standards DCI: RGB 7m/23tt 100m/328ft 100m/328ft Supported Standards DCI: RGB 7m/23tt 100m/328ft 100m/328ft BMM HDMI HDCP 2.21 EDDI 1 EDV /D supported with adapter (not included) HDME Res:32 1x RES:322 (Catastrougly: 3-pin Phoenix /I RES:322 (Catastrougly: 3-pin Phoenix /I RES:322 (RES:30 (Audio and Video							
Ordputs1x Audo Out: 3 pin Priore 1x Lino Out: 3 Strem (1/Bin) TRS StreeVideo EncodingHOBBSET Class CEncoding Data Rate9 C2bpsEncoding Data Rate9 C2bpsEnd Tola Latency10µ: (ricro seconds)Adio Formats0 C4h Analog/PCM1 Multichannel: LPCMMage Canadia Condo Stream15m/491150m/4921t1920x1080 @60H2 8bit15m/491t150m/4921t1920x1080 @60H2 8bit15m/491t100m/3281t1920x1080 @60H2 8bit15m/491t100m/3281t38dx02160 @60H2 8bit7m/231t100m/3281t38dx02160 @7m/4921t100m/3281t100m/3281t38dx02160 @7m/4921t100m/3281t100m/3281tSereine NTAME100m/3281t100m/3281tBase100H1H0CP 2.21 EDD10LCC 12ch audio 1USI-100m/3281tBase128 Sereine NJ-45 fermale (Mebul I) RS-282 (Persthrough) 3pin Phoenix1Is Res282 (Control) 3pin Phoenix 1 RS-282 (Persthrough) 3pin Phoenix1Base128 Sereine NJ-45 Sereine NUSI-Sereine NUSI-	Inputs							
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End to End Latency 10µs (micro seconds) Audio Formats 2ch Analog/PCM1 Multichannel: LPCM Video Resolution HDM1 Cat6 Cat6a/7 1920x1200p @60Hz 8bit 15mr/49ft 150mr/492ft 150mr/492ft 1920x1200p @60Hz 8bit 15mr/49ft 150mr/492ft 150mr/492ft 3840x2160p @60Hz 8bit 15mr/49ft 100mr/328ft 100mr/328ft 4006x2160p @60Hz 8bit 42:0 7mr/23ft 100mr/328ft 100mr/328ft Maximum Pixel Clock 297MHz Tomminication and Control HDMI HDMI (HDCP 2.2 [EDID] DV//D supported with adapter (not included) HDSseT HDMI (HDCP 2.2 [EDID] DV//D supported with adapter (not included) HDSseT HDMI (HDCP 2.2 [EDID] DV//D supported with adapter (not included) HDSseT HDMI (HDCP 2.2 [EDID] DV//D supported with adapter (not included) HDSseT HDMI (HDCP 2.2 [EDID] DV//D supported with adapter (not included) BS 282 (Control): 3-pin Phoenix 1x 85:282 (Passthrough): 3-pin Phoenix Relays 1x BTX:	Video Encoding	HDBaseT Class C						
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Video Resolutions (Max) 1920x1080p @60H2 8bit 15m/49ft 150m/492ft 150m/456		Video Resolution	HDMI	Cat6	Cat6a/7			
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Maximum Pixel Clock 297MHz Communication and Control HDMI HDCP 2.2 EDID DVI/D supported with adapter (not included) HDBaseT HDMI HDCP 2.2 EDID CEC 2ch audio USB Ethernet 2x 8-pin RJ-45 female Web UI IP Control Bidirectional over HDBaseT RS-232 1x RS-232 (Control): 3-pin Phoenix 1x RS-232 (Passthrough): 3-pin Phoenix IR 1x IR TX: 3.5mm (1/8in) TS Mono Relays 1x Screen UP: 3-pin Phoenix 1x Screen DWN: 3-pin Phoenix USB 2x USB Host: USB R 3X USB Device: USB A USB over HDBT limited to 190Mbps Max 5v 500mA per USB Type A Power Power Power Consumption 16.25W Environmental Que to 145°C (32 to + 113 °F), 10% to 90%, non-condensing Storage Temperature 0 to + 45°C (32 to + 113 °F), 10% to 90%, non-condensing Maximum BTU 55BTU/hr Dimensions and Weight 44.5mm/1.76in 42mm/1.66in With Without Feet 44.5mm/1.76in 42mm/1.66in With With Without Handles 148.7mm/5.86in 148.7mm/5.86in Weight 0.95kg/2.09lbs		4096x2160p @60Hz 8bit 4:2:0	7m/23ft	100m/328ft	100m/328ft			
Communication and Control HDMI HDMI HDCP 2.2 EDID DVI/D supported with adapter (not included) HDBaseT HDMI HDCP 2.2 EDID CEC 2ch audio USB Ethernet 2x 8-pin RJ-45 female Web UI IP Control Bidirectional over HDBaseT RS-232 1x RS-232 (Control): 3-pin Phoenix 1x RS-232 (Passthrough): 3-pin Phoenix IR 1x IR TX: 3.5mm (1/Bin) TS Mono Relays 1x Screen UP: 3-pin Phoenix 1x RS-232 (Passthrough): 3-pin Phoenix USB 2x USB Host: USB-B 3x USB Device: USB-A USB over HDBT limited to 190Mbps Max 5v 500mA per USB Type A Power Power HDBT limited to 190Mbps Max 5v 500mA per USB Type A Power Supply 12V DC 2A Max Power Consumption 16.25W Environmental Uo to + 45°C (32 to + 113 °F), 10% to 90%, non-condensing Storage Temperature 0 to + 70°C (4 to + 158 °F), 10% to 90%, non-condensing Storage Temperature -20 to +70°C (4 to + 158 °F), 10% to 90%, non-condensing Dimensions and Weight Rack Units/Wall Box Rack Units/Wall Box <1U	Supported Standards	DCI RGB						
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Power Supply12V DC 2AMax Power Consumption16.25WEnvironmentalOperating Temperature0 to + 45°C (32 to + 113 °F), 10% to 90%, non-condensingStorage Temperature-20 to +70°C (-4 to + 158 °F), 10% to 90%, non-condensingMaximum BTU55BTU/hrDimensions and WeightRack Units/Wall Box<1UHeight With Without Feet44.5mm/1.76in 42mm/1.66inWidth With Without Brackets263mm/10.36in 220mm/8.67inDepth With Without Handles148.7mm/5.86in 148.7mm/5.86inRegulatory	USB							
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Dimensions and Weight Rack Units/Wall Box <1U	Storage Temperature	-20 to +70°C (-4 to + 158 °F), 10% to 90%, non-condensing						
Rack Units/Wall Box <1U	Maximum BTU	55BTU/hr						
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Depth With Without Handles 148.7mm/5.86in 148.7mm/5.86in Weight 0.95kg/2.09lbs Regulatory	Height With Without Feet	44.5mm/1.76in 42mm/1.66in						
Weight 0.95kg/2.09lbs Regulatory	Width With Without Brackets	263mm/10.36in 220mm/8.67in						
Regulatory	Depth With Without Handles	148.7mm/5.86in 148.7mm/5.86in						
	Weight	0.95kg/2.09lbs						
Safety and Emission CE FCC RoHS	Regulatory							
	Safety and Emission	CE FCC RoHS						

2 of 3

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.

3 of 3