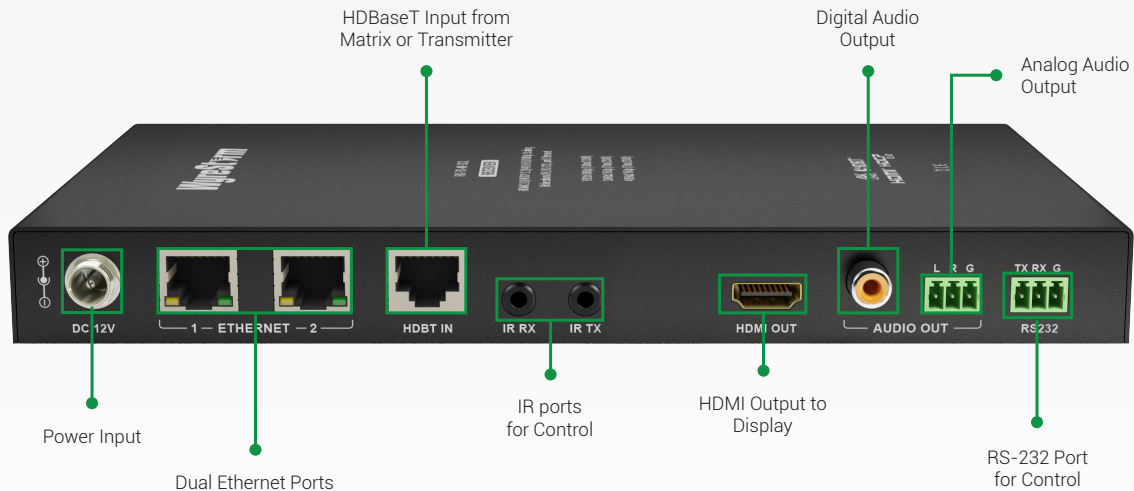


4K UHD 70m/230ft HDBaseT Receiver with ARC, HDCP 2.2 and Built-In Scaling

RX-70-4K-SCL

WyreStorm

Specification Sheet



WyreStorm - Because the Technology Matters.

Introduction

The WyreStorm RX-70-4K-SCL is a Class A 4K HDBaseT Receiver with a built in scaler which offers uncompressed 4K or UHD video @60Hz with Ethernet, RS-232 and Bidirectional IR. Added to this is the ability to send ARC signals back to a compatible matrix, audio breakout ports for connection to a local amplifier and CEC control which can either be triggered automatically or via the Telnet API. It is suitable for any application where high quality video scaling of 4K content is required due to an installation using a mixture of 2K and 4K displays.

Key Features

- Resolves issue with mixing 4K & 2K screens in an installation by down-scaling UHD 4K content to 1080/720p
- Also up-scales any incoming content to 4K/60 4:4:4 8-Bit
- Receives 4K UHD @60Hz 4:2:0 or HDR @24Hz at 70m/230ft and 1080p content at 100m/328ft
- S/PDIF and Analog audio breakout
- Scaling, ARC, CEC & Audio Out controllable via HDBaseT/Ethernet link by Telnet
- Dual Ethernet ports
- Bidirectional IR & RS-232
- HDCP 2.2 compliant

In the Box

1x RX-70-4K-SCL Scaling Receiver
1x 12V DC 3A Power Supply
1x AC Cable
2x 3-pin Phoenix Connector
1x IR Emitter

1x IR Receiver
1x USB to 3-pin RS-232 Port Adapter Cable
2x Mounting Brackets
1x Quickstart Guide (this document)

Specifications

Audio and Video	
Inputs	1x HDBaseT 8-pin RJ-45 female
Outputs	1x HDMI 19-pin type A 1x S/PDIF Out Coaxial Digital (Audio de-embedded from HDBaseT signal) 1x Audio Out 3pin Phoenix Connector (Audio de-embedded from HDBaseT signal)
Audio Formats	S/PDIF: 2ch PCM Multichannel: Up to 5.1 DTS and Dolby Digital HDMI: 2ch PCM Multichannel: LPCM and Up to DTS-X and Dolby Atmos
Video Resolutions (Max)	Using HDMI 1920x1080p @60Hz 12bit (15m/50ft) @60Hz 16bit (7m/23ft) 3840x2160p @24/25/30Hz 4:4:4 8bit (7m/23ft) @24Hz 4:2:0 HDR 10bit (3m/9.8ft) 4096x2160p @60Hz 8bit 4:2:0 (7m/23ft) @60Hz 8bit 4:4:4 (7m/23ft)
	Using Cat6 1920x1080 @60Hz 12bit (100m/328ft) @60Hz 16bit (70m/230ft) 3840x2160p @30Hz 4:4:4 8bit (70m/230ft) @24Hz 4:2:0 HDR 10bit (70m/230ft) 4096x2160p @60Hz 4:2:0 8bit (70m/230ft)
	Using Cat6a/7 1920x1080 @60Hz 12bit (100m/328ft) @60Hz 16bit (100m/328ft) 3840x2160p @24/25/30Hz 4:4:4 8bit (100m/328ft) @24Hz 4:2:0 HDR 10bit (100m/328ft) 4096x2160p @60Hz 4:2:0 8bit (100m/328ft)
	Color Depth 1080p: 16bit 4K UHD: 8bit HDR @24p: 10bit BT.2020
Maximum Pixel Clock	297MHz
Communication and Control	
HDMI	HDCP 2.2 EDID (Configurable) CEC DVI-D supported with adapter (not included)
HDBaseT	HDMI HDCP 2.2 EDID (Configurable) CEC Bidirectional IR, RS-232, and Ethernet
Ethernet	2x 8-pin RJ-45 female 10/100 Mbps auto-negotiating Bidirectional over HDBaseT
IR	1x IR TX 3.5mm (1/8in) TS Mono 1x IR RX 3.5mm (1/8in) TRS Stereo Transmitted over HDBaseT
RS-232	1x 3-pin Phoenix Connector Bidirectional over HDBaseT when used with H2X matrix
Audio Return Channel (ARC)	Returns audio from displays built-in applications via ARC HDMI Input over HDBaseT
Power	
Power Supply	12V DC 3A
Max Power Consumption	16.4W
Environmental	
Operating Temperature	32°F ~ 113°F (0°C ~ 45°C) 10% ~ 90%, non-condensing
Storage Temperature	-4°F to ~ 158°F (-20°C ~ +70°C) 10% ~ 90%, non-condensing
Maximum BTU	55.96 BTU/hr
Dimensions and Weight	
Rack Units/Wall Box	0.56U
Height	25mm/1in
Width	234.4mm/9.23in
Depth	143.5mm/5.65in
Weight	0.66kg/1.45lbs
Regulatory	
Safety and Emission	CE FCC RoHS

Right Product for the Right Application.

