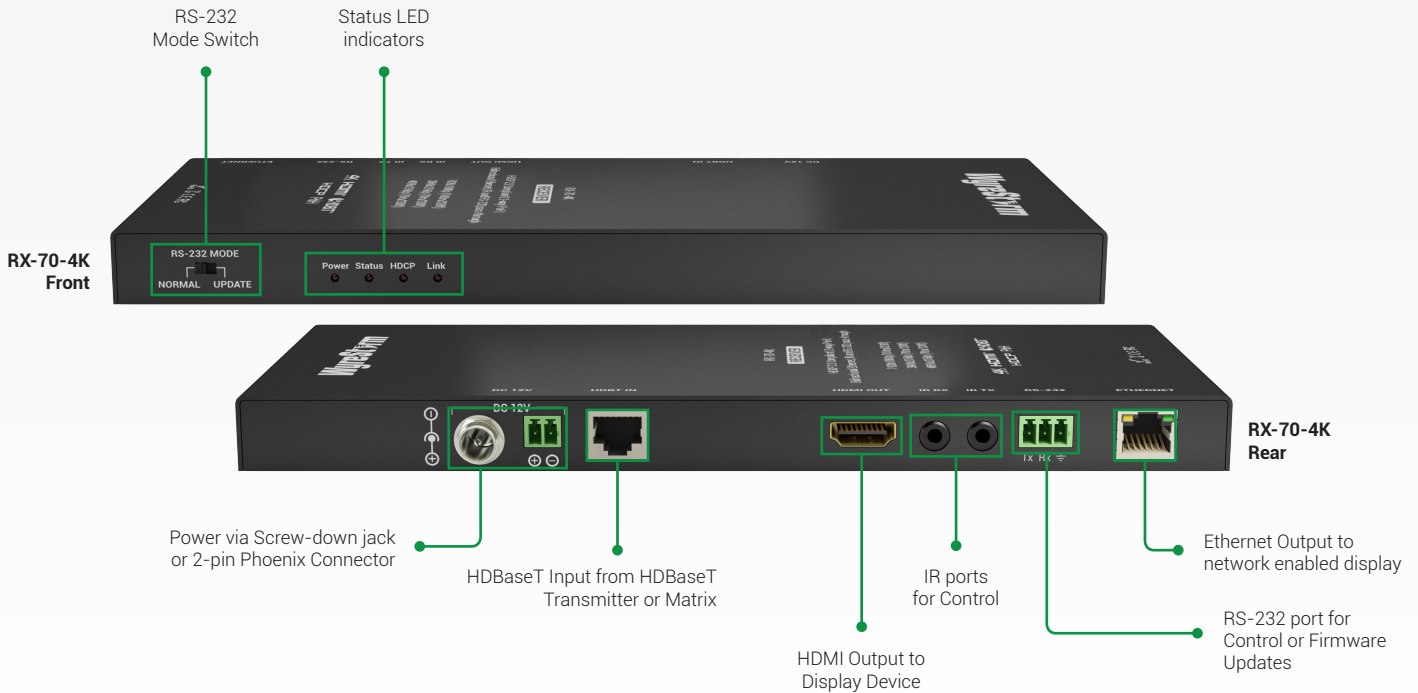


# HDBaseT 4K UHD Receiver with 5Play (4K: 70m/230ft | 1080p: 100m/328ft)

## RX-70-4K v2



## Specification Sheet



WyreStorm - Because the Technology Matters.

## Introduction

### UltraHD, Ultra Thin.

The perfect compliment to a WyreStorm HDBaseT in-wall transmission or 4K UHD matrix switcher system, the ultra slim RX-70-4K receiver supports 4K video with HDR up to 70m/230ft and 1080p/48bit @60Hz to 100m/328ft.

HDBaseT 5Play compliance offers, HD video, HD audio, bidirectional control via IR and RS-232, PoH remote power of device and Ethernet passthrough, all wrapped up in an impossibly thin chassis for an ease of installation that represents unrivalled function, flexibility and reliability for residential or commercial applications of any kind.

## Key Features

- Low profile 18mm / 0.7" chassis for easier, more convenient installation
- Receives HDMI transmissions from compatible device using single cable Cat5e/6 cable
- Transmits wide-band two-way IR control signal/routed serial commands (from compatible matrix) together within the HDMI signal
- 5Play support transmits video (4K HDR & 1080p), multichannel audio, bidirectional IR, PoH power and 10/100 Ethernet
- Multichannel audio supports 7.1 DTS Master HD and Dolby True HD
- One-way PoH powers the receiver from a compatible matrix so no local power required at display location
- Supports all HD and UHD resolutions up to 4096x2160p with screen refresh rates support of 24Hz, 30Hz (4K) 50Hz, 60Hz (1080p)
- HDMI v1.4 with HDCP 2.2
- Switchable RS-232 selection for firmware update
- Automatically adjusts feedback, equalization and amplification of signal

## In the Box

- 1x RX-70-4K Receiver
- 1x Wide-band IR Emitter
- 1x Wide-band IR Receiver (30-50KHz)
- 2x Mounting Brackets

- 1x 3-pin Phoenix Connector
- 1x 2-pin Phoenix Connector
- 1x Quickstart Guide (this document)

# Specifications

<b>Audio and Video</b>	
<b>Inputs</b>	1x HDBaseT 8-pin RJ-45 female
<b>Outputs</b>	1x HDMI 19-pin type A
<b>Audio Formats</b>	2ch PCM   Up to DTS-X and Dolby Atmos
<b>Video Resolutions (Max)</b>	<b>HDMI</b> 1920x1080p @60Hz 36bit (15m/50ft)   48bit (7m/23ft) 3840x2160p @30Hz 4:4:4 24bit (7m/23ft)   @24Hz 4:2:0 HDR 10bit per channel (3m/9.8ft) 4096x2160p @60Hz 24bit 4:2:0/4:4:4 (7m/23ft)
	<b>Using Cat6</b> 1920x1080 @60Hz 36bit (100m/328ft)   48bit (70m/230ft) 3840x2160p @30Hz 4:4:4 24bit (70m/230ft)   @24Hz 4:2:0 HDR 10bit per channel (70m/230ft) 4096x2160p @60Hz 4:2:0 24bit (70m/230ft)
	<b>Using Cat6a/7</b> 1920x1080 @60Hz 36bit (100m/328ft)   48bit (100m/328ft) 3840x2160p @30Hz 4:4:4 24bit (100m/328ft)   @24Hz 4:2:0 HDR 10bit per channel (100m/328ft) 4096x2160p @60Hz 4:2:0 24bit (100m/328ft)
	<b>Color Depth (Max)</b> 1080p: 48bit   4K UHD: 24bit   HDR @24p: 10bit per channel BT.2020
<b>Maximum Pixel Clock</b>	297 MHz
<b>Communication and Control</b>	
<b>HDMI</b>	HDCP 2.2   EDID   DVI/D supported with adapter (not included)
<b>HDBaseT</b>	HDCP 2.2   EDID   2-way PoH   Bidirectional IR, RS-232, and Ethernet
<b>Ethernet</b>	1x 8-pin RJ-45 female   10/100 Mbps auto-negotiating   Bidirectional over HDBaseT
<b>IR</b>	1x IR TX 3.5mm (1/8in) TS Mono   Bidirectional over HDBaseT 1x IR RX 3.5mm (1/8in) TRS Stereo   Bidirectional over HDBaseT
<b>RS-232</b>	1x 3-pin Phoenix Connector   Bidirectional over HDBaseT
<b>Power</b>	
<b>Power Supply</b>	12V DC 2A
<b>Max Power Consumption</b>	7.2W
<b>PoH (2-way)</b>	48V 15.4W
<b>Environmental</b>	
<b>Operating Temperature</b>	32°F ~ 113°F (0°C ~ 45°C) 10% ~ 90%, non-condensing
<b>Storage Temperature</b>	-4°F ~ 158°F (-20°C ~ +70°C) 10% ~ 90%, non-condensing
<b>Maximum BTU</b>	24.6 BTU/hr
<b>Dimensions and Weight</b>	
<b>Rack Units/Wall Box</b>	<1U
<b>Height</b>	18mm/0.71in
<b>Width</b>	232mm/9.14in
<b>Depth</b>	93mm/3.67in
<b>Weight</b>	0.5kg/1.1lbs
<b>Regulatory</b>	
<b>Safety and Emission</b>	CE   FCC   RoHS

*Right Product for the Right Application.*

