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

RX-70-4K



#### **Key Features**

- Fully 4K compatible 3840 (UHD) and 4096 (DCI) 2160 @ 30Hz with 4K color palette 4:2:2
- 5-Play feature set support 1080p/48bit @ 60Hz video, HD audio, two-way IR and RS232, 100W power and 10/100 Ethernet
- · Low profile 18mm/0.7" chassis height for more convenient installations behind screens at display zones

Ultra slim, Ultra High Definition 4K compatible HDBaseT display receiver supporting HD video, HD audio, power, two-way control via IR & routed RS232 over a single Cat5e/6 cable for a perfect balance of affordability and HDBaseT with 4K functionality.

### **Additional Features & Benefits**

- Display Receiver supporting 4K and HD HDMI transmissions using single cable Cat5e/6 cable
  - 70m/230ft 4K/24bit @ 30Hz with 4:2:2 chroma subsampling color palette
  - 100m/328ft: 1080p/48bit @60Hz
- PoH remotely powers receiver no local power required at display location
- Multichannel audio supports 7.1 DTS Master HD and Dolby True HD
- Discrete wide-band two-way IR control signal / serial commands together within transmission
- Class A HDBaseT technology ith 5-Play compliance
- Switchable RS232 for firmware update

### In the Box

- 1 x 2-pin Screw Down Phoenix Connector
- 1 x 3-pin Screw Down Phoenix Connector
- 1 x IR Emitter

- Full 3D compatibility up to 1080p frame packing/sequential (Blu-Ray) and interlaced stereoscopic (satellite/ cable broadcasts)
- Cascadable up to 7 times to further lengthen transmission
- + Visual LED indication for power, signal status, HDCP and
- HDBaseT link • HDMI 1.4v, HDCP, IEEE-568B compliant
- Threaded bushings allow use of both standard and locking DC power plugs
- Phoenix port for additional power connection
- Automatic adjustment of feedback, equalization and amplification of signal for easy installation
- 1 x Wide-band IR Receiver (30-50KHz)
- 2 x Mounting brackets
- 1 x Quickstart guide

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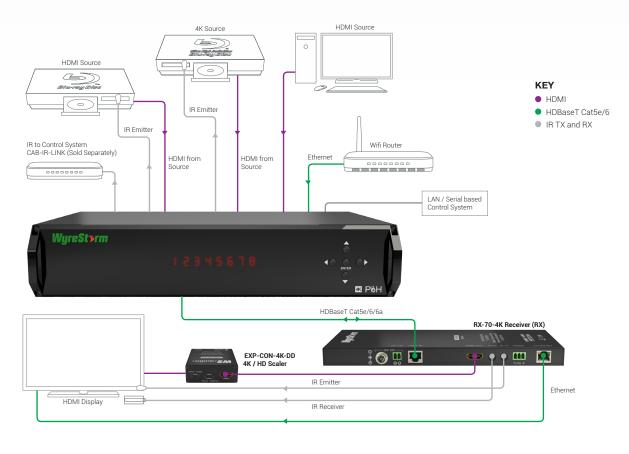
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## Specification

| Audio and Video          |  |
|--------------------------|--|
| Audio Formats            | Multichannel digital audio supporting 7.1<br>DTS Master HD and Dolby True HD |
| Video Resolution (Max)   | 1920 x 1080 @ 60Hz (1080p60)<br>4096 x 2160p @ 30Hz 4:2:0                    |
| Color Depth              | 1080p 48bit   4K-24bit   |
| Maximum Pixel Clock      | 297 MHz  |
| Communication and Contro | bl   |
| HDBaseT                  | PoH   Bi-directional IR and RS-232   |
| HDMI                     | DVI/D supported with adapter (not included)                                  |
| IR                       | Bi-directional over HDBaseT  |
| RS-232                   | Bi-directional over HDBaseT  |
| Power                    |  |
| РоН                      | 48V 15.4W  |
| Power Supply             | Input: 12V DC 1.5A (Optional)  |
| Max Power Consumption    | 11.8W  |

| Environmental         |                             |
|-----------------------|-----------------------------|
| Operating Temperature | 32°F ~ 113°F (0°C ~ 45°C)   |
|                       | 10% ~ 90%, non-condensing   |
| Storage Temperature   | -4°F ~ 140°F (-20°C ~ 70°C) |
|                       | 10% ~ 90%, non-condensing   |
| Dimensions and Weight |                             |
| Height                | 18mm/0.71in                 |
| Width                 | 172mm/6.7in                 |
| Depth                 | 94mm/3.7in                  |
| Weight                | 0.4kg/0.88lbs               |
| Regulatory            |                             |
| Safety and Emission   | CE   FCC   RoHS             |
|                       |                             |

### **Basic Wiring Diagram**



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