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

**SW-515-RX**

**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.

**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
- Automatic or manual CEC triggering for compatible connected screens or projectors
- Condition based relays triggered on source presence
- Supports source content up to 4K/60 4:2:0 with HDCP 2.2

**In the Box**

1x SW-515-RX Transmitter  
1x 12V DC Power Supply (US/UK/EU)  
1x IR Transmitter  
2x Mounting Brackets  
4x 3-pin Screw Down Phoenix Connector  
1x 4-pin Screw Down Phoenix Connector  
1x Quickstart Guide
## Specifications

### Audio and Video

**Inputs**
- 2x HDMI: 19-pin type A
- 1x HDBT In: 8-pin RJ-45 Female

**Outputs**
- 1x HDMI Out: 19-pin type A
- 1x Audio Out: 3-pin Phoenix
- 1x Line Out: 3.5mm (1/8in) TRS Stereo

**Video Encoding**
- HDBaseT Class C

**Encoding Data Rate**
- 9.2Gbps

**End to End Latency**
- 10μs (micro seconds)

**Audio Formats**
- 2ch Analog/PCM
- Multichannel: LPCM

### Video Resolutions (Max)

<table>
<thead>
<tr>
<th>Video Resolution</th>
<th>HDMI</th>
<th>Cat6</th>
<th>Cat6a/7</th>
</tr>
</thead>
<tbody>
<tr>
<td>1920x1200p @60Hz 8bit</td>
<td>15m/49ft</td>
<td>150m/492ft</td>
<td>150m/492ft</td>
</tr>
<tr>
<td>1920x1080p @60Hz 8bit</td>
<td>15m/49ft</td>
<td>150m/492ft</td>
<td>150m/492ft</td>
</tr>
<tr>
<td>3840x2160p @30Hz 8bit 4:4:4</td>
<td>7m/23ft</td>
<td>100m/328ft</td>
<td>100m/328ft</td>
</tr>
<tr>
<td>4096x2160p @60Hz 8bit 4:2:0</td>
<td>7m/23ft</td>
<td>100m/328ft</td>
<td>100m/328ft</td>
</tr>
</tbody>
</table>

### Supported Standards
- DCI
- RGB

### Maximum Pixel Clock
- 297MHz

### 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 (1/8in) TS Mono

**Relays**
- 1x Screen UP: 3-pin Phoenix | 1x Screen DWN: 3-pin Phoenix

**USB**
- 2x USB Host: USB-B | 3x USB Device: USB-A

### Power

**Power Supply**
- 12V DC 2A

**Max Power Consumption**
- 16.25W

### 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**
- 55BTU/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**
- 0.95kg/2.09lbs

### 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.