

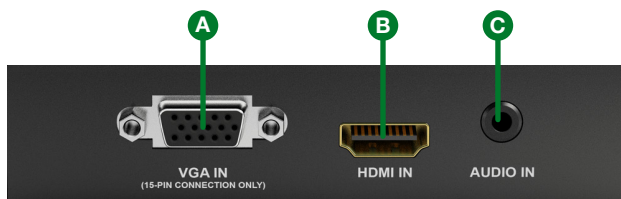
Auto-switching HDBaseT™ transmitter for sending a VGA or HDMI signal to a device with integrated HDBaseT receiving capability such as a display or projector 100m/328 ft (4K - 70m/230ft) away. Perfect for small meeting room or classroom environments.



In the Box

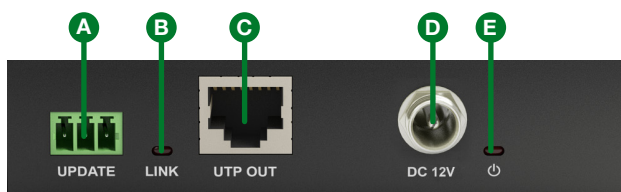
- 1 x TX-SW-0201 Transmitter
- 1 x 12V DC 1A Power Supply
- 1 x 3-pin Screw Down Phoenix Connector

Front Panel



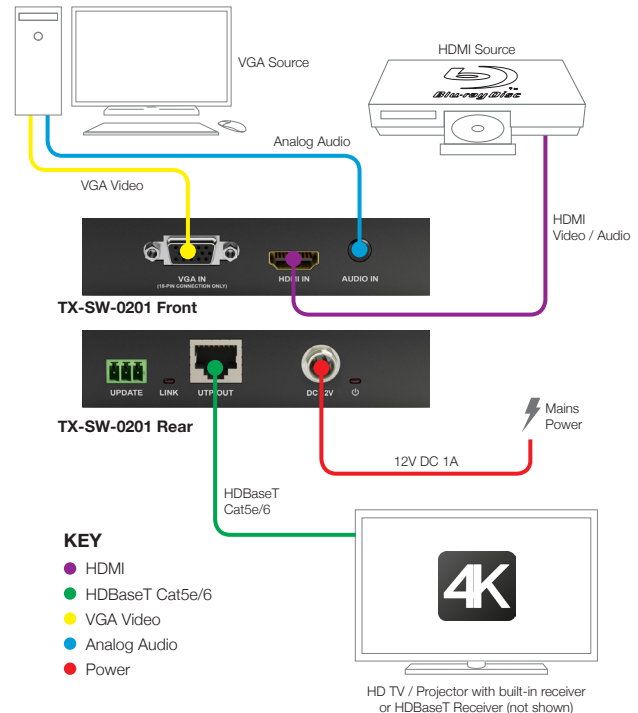
- A** **VGA Input** 15-pin VGA VESA (D-SUB 15): Connect to D-SUB 15 VGA output of device such as a computer.
- B** **HDMI Input** 19-pin type A HDMI female digital video/audio input: Supports HDMI and DVI/D (requires adapter-not included) Limited to 275 MHz pixel clock.
- C** **Audio In** 3.5 mm (1/8 in) Stereo Analog Audio: Connect to audio output of device connected to VGA input.

Rear Panel



- A** **Update** 3-pin Screw Down Phoenix Connector: Used for updating transmitter firmware
- B** **Status LED** Solid - Link to receiver has been established. Flashing - Link to receiver has not been established. See [Troubleshooting](#).
- C** **UTP Out** 8-pin RJ-45 female: Connect to an HDBaseT receiver. See [HDBaseT Wiring](#) for wiring details.
- D** **12V DC In** 12V DC 1A: Connect to supplied power supply.
- E** **Power LED** Illuminates when DC power is applied.

Basic Wiring Diagram & Installation



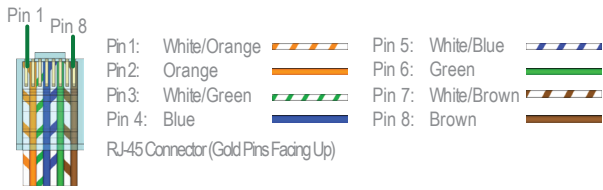
IMPORTANT! Do not connect or disconnect (hot plug) the VGA, HDMI, or HDBaseT connections while the transmitter is powered on. Doing so may cause damage to the transmitter or connected devices.

1. Install the TX-SW-0201 in on a solid flat surface such as a cabinet or rack shelf located in a dry, well ventilated area.
2. Connect an HDMI source to the HDMI In on the transmitter using an HDMI cable from a high quality brand such as [WyreStorm Express](#).
3. Connect a VGA source to the VGA In on the transmitter.
4. Terminate a cable per the [HDBaseT Wiring](#) section and connect to the UTP Out on the transmitter.
5. Connect the opposite end of the HDBaseT cable to a [WyreStorm HDBaseT receiver](#), switcher, or 3rd party display device with built-in HDBaseT receiver.
6. Connect the power supply to the 12V DC input on the transmitter.

Wiring and Connections

HDBaseT Wiring

Wiring for HDBaseT follows the EIA T568B standard.



⚠️ IMPORTANT! Wiring Guidelines

- The use of patch panels, wall plates, cable extenders, kinks in cables, and electrical or environmental interference can have an adverse effect on HDBaseT transmission limiting performance. Steps should be taken to minimize these factors (or remove completely) during installation for best results.

Supported Video Resolutions

The supported resolution at the display is affected by cable type and distance between the transmitter and receiving device.

Note: When connected to a class B HDBaseT receiver, the supported resolution is limited to 70m/230ft 1080p.

| Cable Type | Range | Supported Resolution |
|------------|------------|--------------------------|
| Cat5e/6 | 100m/328ft | 1080p @ 60Hz 36bit |
| | | 1080p @ 60Hz 48bit |
| | | 1080p @ 60Hz 3D |
| | 70m/230ft | 3840 x 2160 @ 30Hz 4:4:4 |
| Cat6a/7 | 100m/328ft | 1080p @ 60Hz 36bit |
| | | 1080p @ 60Hz 48bit |
| | | 1080p @ 60Hz 3D |
| | | 4096x2160@30Hz 4:4:4 |

Specifications

Audio and Video

| | |
|------------------|---|
| Audio Formats | Up to 7.1 DTS Master HD and Dolby True HD |
| Video Resolution | HDMI: Up to 4096 x 2160 @ 30Hz (4K) VGA: Up to 1920 x 1200 |
| 3D Support | Blu-ray: Frame packing/sequential Satellite/Cable: Interlaced stereoscopic |

Power

| | |
|-----------------------|-----------|
| Input Power | 12V DC 1A |
| Max Power Consumption | 35W |

Dimensions and Weight

| | |
|--------|---------------------|
| Height | 0.98 in / 25 mm |
| Width | 4.25 in / 108 mm |
| Depth | 4.20 in / 106.7 mm |
| Weight | 0.34 lbs. / 0.75 kg |

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 |

Regulatory

| | |
|---------------------|-----------|
| Safety and Emission | CE FCC |
| RoHS | Compliant |

Troubleshooting

No or Poor Quality Picture (snow or noisy image)

- Verify that power is connected to the transmitter and receiving device. If using a display with a built in receiver, verify that the device is powered On.
- Verify that the transmitter supports the output resolution of the source. See [Supported Video Resolutions](#).
- Verify that the receiving device and display support the output resolution of the source. Lower the resolution of the source to verify output on the display. If transmitting 3D or 4K, verify that the HDMI cables used are 3D or 4K rated.
- Verify that the HDBaseT cable is properly terminated per the [HDBaseT Wiring](#) section.
- Verify that all source and HDBaseT connections are not loose and are functioning properly.



Tip: WyreStorm recommends using a cable tester or connecting the cable to others devices to verify functionality.

Warranty Information

This product is covered by a 3 year limited parts and labor warranty. During this period there will be no charge for unit repair, component replacement or complete product replacement in the event of malfunction. The decision to repair or replace will be made by the manufacturer. This limited warranty only covers defects in materials or workmanship and excludes normal wear and tear or cosmetic damage.

Visit the product page located at wyrestorm.com for additional information on this product including important technical information not provided in this document and warranty terms & conditions.

