

HDBaseT™ 4K Transmitter with HDMI / VGA Auto-Switch

TX-SW-0201



Key Features:

- Transmit 4K video, audio and basic control using HDBaseT via single Cat5e/6 cable directly into projectors or any HDBaseT input-enabled device
- Connect, distribute and auto-switch between HDMI and VGA devices, including embedded audio with VGA signal via 3.5mm audio input
- Compatible with leading projectors from Epson, Sony, Panasonic and Digital Projection, and WyreStorm Modular matrix & Digital Amplifier solutions
- Simple plug and play connectivity, perfect for small corporate or education applications with 4K support ensuring future source device compatibility

The WyreStorm TX-SW-0201 transmitter features dual-input auto-switching of VGA with embedded audio and HDMI sources to an integrated HDBaseT output for distributions of 4K and HD signals over distance to HDBaseT receiving devices, such as digital projectors, displays, and matrices.

Featuring powerful HDBaseT technology for lossless transmission of UHD video at 4096x2160p up to 70m/230ft and HD at 1920x1200 to 100m/328ft over a single Cat5e/6 cable, the TX-SW-0201 is compatible with leading HDBaseT input-enabled projectors, as well as the WyreStorm Audio Amplifier and Modular Matrix ranges for the creation of scalable AV distribution systems.

The TX-SW-0201 offers an ideal plug and play solution for small meeting room or classroom environments where effortless connectivity of HDMI and VGA devices without the need for an additional control system is required, with UHD 4K support ensuring future compatibility with the next generation of source devices.

Additional Features & Benefits:

- 2:1 auto-switching between VGA and HDMI inputs to an HDBaseT output
- Audio input embeds audio with the VGA signal
- Fully 4K compatible - 3840(UHD) and 4096x2160@30Hz (DCI) with 4K color palette 4:4:4
- Capable of lossless VGA and HDMI transmissions over distance using HDBaseT technology and single cable Cat5e/6:
 - 70m/230ft: 4096x2160@30Hz with Chroma subsampling color palette 4K@30Hz 4:4:4
 - 100m/328ft: 1920x1080p HD video@60Hz
- Automatic input detection enabling connection of both HDMI and VGA sources with VGA priority if both devices are transmitting
- Multichannel digital audio supporting 7.1 DTS Master HD and Dolby True HD
- Visual LED indication for unit power supply and signal link status
- 24bit True Color (4K), 48bit Deep Color (1080p)
- Internal ESD and Surge Protection
- Universal power supply included (US, UK and EU connectivity)
- Threaded bushings allow use of both standard and locking 12V DC power plugs
- HDCP 2.2 compliant
- Can create highly scalable AV distributions systems by combining with WyreStorm modular matrices, presentation switchers and audio amplifier receiver (AMP-001-010), display receivers and scaler/down mixer (EXP-CON-4K-DD)
- Compact size for convenient and unobtrusive installations
- Full 3D support
- HDMI V1.4 compliant
- Phoenix connector for firmware updates
- 3 year warranty

In The Box

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

Specifications - TX-SW-0201

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
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

Basic Wiring Diagram

