WyreStorm TX-SW-0201 HDBaseT 4K Extender (Transmitter) with VGA/HDMI Auto-Switch (70m/230ft)

The WyreStorm TX-SW-0201 is a 4K compatible dual-input transmitter designed to distribute a VGA or HDMI signal to a display device with integrated HDBaseT receiving capabilities, such as a display or projector, over distances up to 70m/230ft (4K) and 100m/328ft (HD) using a single Cat5e/6 cable.

With simple plug-and-play connectivity and auto-switching between connected inputs, the TX-SW-0201 is ideal for small meeting room or classroom environments where effortless switching between VGA and HDMI sources is required.

Featuring auto-switching for the connection of two sources simultaneously, the TX-SW-0201 enables the selection of either connected VGA or HDMI device and signal transmission directly into any HDBaseT input-enabled display device without the need for a display receiver.

VGA and HDMI inputs are automatically selected and switched when the unit detects a signal, with a smart detection feature prioritizing VGA over HDMI if two devices are transmitting at the same time, with a 3.5mm audio input also included to embed audio signals within the VGA signal.

Supporting transmission distances of 100m/238ft to 1920x1200 and 70m/230ft at 4K resolutions up to 4096x2160@30Hz using a single Cat5e/6 cable, the TX-SW-0201 is fully compatible with HDBaseT projectors from leading manufactures such as Epson, Sony, Panasonic and Digital Projection, with 4K support ensuring maximum compatibility with future sources.

Additionally, as the TX-SW-0201 essentially functions as means for connecting remote VGA or HDMI source devices over distance via HDBaseT, it is also the perfect compliment for WyreStorm HDBaseT input-enabled devices, such as WyreStorm presentation switchers, custom matrix TX-100-POH transmission module, audio amplifier receiver (AMP-001-010), scaler/downmixer (EXP-CON-4K-DD), or indeed any WyreStorm HDBaseT display receiver, for the creation of flexible and scalable AV distribution systems.

The TX-SW-0201 also features a Phoenix connector for efficient firmware updates and LED indication for visual confirmation of unit power and signal link status, with in-built auto equalization and amplification ensuring successful signal distribution over long cable distances without any loss in transmission quality.

The SW-0201-POH offers an ideal solution to any application requiring the switching and transmission of VGA with audio and HDMI over distance and is particularly suited to small commercial environments such as meeting rooms or classrooms that demand simple, reliable connectivity without an additional control system.

Features:

- Transmits 4K and HD video and audio using HDBaseT via a single Cat5/6 cable directly into an HDBaseT-enabled projector or display
- 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 4096 (DCI) 2160 @ 30Hz 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: 4096 x 2160@30Hz with Chroma subsampling color palette 4K@30Hz 4:4:4
    - 100m/328ft: 1920x1080p HD video@60Hz
- 24bit True Color (4K), 48bit Deep Color (1080p)
- Automatic input detection enabling connection of both HDMI and VGA sources with VGA preferred if both devices are transmitting
- Full 3D support
- Multichannel digital audio supporting 7.1 DTS Master HD and Dolby True HD
- HDMI V1.4 compliant
- Phoenix connector for firmware updates
- Visual LED indication for unit power supply and signal link status
- Cable termination follows IEEE-568B standards
- Automatically adjusts feedback, equalization and amplification of signal for easy installation
- 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 matrixes, presentation switchers and audio amplifier receiver (AMP-001-010), display receivers and scaler/downmixer (EXP-CON-4K-DD)
- Compact size for convenient and unobtrusive installations
- 3 year warranty