

WyreStorm TX-IW-70-POH-KIT HDMI over HDBaseT 2-Gang Decora In-Wall 4K UHD Extender (Transmitter/Receiver) Kit

The TX-IW-70-POH-KIT is a 2-Gang in-wall HDMI to HDBaseT 4K transmitter and standalone HDBaseT receiver kit that enables the reliable distribution of video up to 4K resolutions with HDR, multichannel audio, bidirectional control via IR and RS-232, PoH power and Ethernet passthrough over distance.

The TX-IW-70-POH-KIT can function either as a single source point-to-point extender solution or as part of a compatible HDBaseT matrix system containing an HDBaseT input for remote source connection, with the Decora wall plate offering inconspicuous local connectivity and control for a remote source to suit any interior.

An ideal solution for any WyreStorm H2X Series modular matrix switcher system containing an HDBaseT input card, the TX-IW-70-POH-KIT receiver supports 4K HDR video up to 70m/230ft and 1080p/48bit @60Hz to 100m/328ft, all wrapped up in an impossibly thin chassis for an ease of installation that represents unrivalled function, flexibility and reliability for AV applications of any kind.

When paired with its included PoH receiver (RX-70-4K) or a PoH enabled WyreStorm matrix switcher, the TX-IW-70-POH-KIT transmitter can also be powered remotely via PoH with no mains power or separate PSU required at transmission locations. A built-in IR window ensures effortless control of the screen or projector with bi-directional IR and RS-232 signals from the receiver able to be broken out from the rear of the transmitter for enhanced control options.

The RX-70-4K receiver features the same powerful Class A HDBaseT technology and 5Play feature set support, including a 4K chroma sub-sampling colour palette of 4:2:2 for the optimal 4K pixel management-to-bandwidth balance to satisfy HDMI 1.4v standards.

Serial control is supported when used as part of a WyreStorm H2 Series matrix switcher system, with the RX-70-4K featuring compatibility with leading control systems and switchable RS-232 selection for firmware updates.

In terms of power, the RX-70-4K can remotely power the TX-IW-70-POH in-wall transmitter when used as part of a point-to-point extender system or can itself be powered by a PoH enabled WyreStorm matrix switcher if used as part of a HDBaseT matrix distribution. The RX-70-4K also offers improved 12v power connectivity via its phoenix port and threaded DC power port for standard and locking DC power plugs.

Signal and device activity is illustrated by panel LED indicators for power supply, signal status for established display connection, Link for confirmed HDBaseT connection between matrix/receiver and HDCP presence in signal - all giving instant visual confirmation of operational status and helping to identify potential issues.

Full-featured and powerful, yet subtle in appearance, the TX-IW-70-POH-KIT offers a refined wall-plate transmission and standalone receiver HDBaseT solution that has never been so simple to integrate within modern 4K or HD distributions.

Features:

- Complete 2-Gang Decora in-wall Class A HDBaseT transmitter and standalone receiver kit
- Extends 4K UHD video with HDR (HDMI only) up to 70m/230ft or 1080p to 100m/238ft over single Cat6 using HDBaseT technology
- Class A HDBaseT 5Play support: 4K/HD video, multichannel audio, Ethernet passthrough, bidirectional control (IR & RS-232) and Power over HDBaseT
- TX and RX capable of being powered locally or remotely via PoH
- HDCP 2.2 compliant

Additional features on Transmitter

- Powered either locally or remotely from included receiver or PoH compatible matrix if used as part of a WyreStorm matrix switcher system
- Built-in IR receiver window for easy TV/projector control, EDID management and automatic input detection
- Bi-directional IR supported with built-in IR receiver window for easy TV/projector control
- Supports Ethernet pass-through
- Full 3D up to 1080p@60Hz
- LED indication for HDCP presence within signal and transmission link between devices
- Compact design for convenient and unobtrusive installation

Additional features on Receiver

- Low profile chassis of 18mm / 0.7" for easier, more convenient installations behind screens at display zones
- Powered either locally or remotely via a PoH enabled matrix if used as part of a WyreStorm matrix switcher system
- Supports serial routing and CEC passthrough when used as part of compatible matrix system
- Transmits discrete wide-band two-way IR control signal/routed serial commands from compatible matrix together within the HDMI signal
- Multichannel audio up to Dolby Atmos and DTS:X
- Switchable RS-232 selection for firmware update
- Additional phoenix port and threaded DC for use of both standard and locking DC power plugs
- Visual LED indication for power supply, signal status to show display connection, HDCP in signal and Link between HDBaseT devices
- Automatically adjusts feedback, equalization and amplification of signal
- Energy efficient universal power supplies included