

WyreStorm.

PRESENTATION SWITCHERS

SOLUTIONS GUIDE



The WyreStorm Difference



Your Multi-Technology, Cross-Market Specialists

We're a leading manufacturer of award-winning 4K and full HD AV signal distribution and control solutions for Pro AV/ commercial, residential/custom install and retail markets.

Specializing in providing innovative single-platform and hybrid solutions, WyreStorm products are developed to minimize system complexity and maximize connectivity for increased ease of installation and reliability, while offering exceptional performance and functionality for the best value and end-user experience.



Only Manufacturer Offering Clear, Unbiased Opinions and Advice

In an industry of bandwagon-jumping, self-promotion and exaggeration, we simply prefer to deal in fact so you'll never find us making a claim about our company or products that isn't technically accurate. We aim to demystify what can be, at times, a confusing landscape with clear, impartial advice focused on dealer and end-user satisfaction, ensuring the right technology is used and the right application achieved.



Modular Product Architecture for Ultimate Install Options

Out-of-box doesn't fit all applications - build to your specification. The modular architecture of our matrix switchers and NetworkHD™ AV over IP products enable solutions to be perfectly tailored and effortlessly expanded to applications, no matter the size, budget, function or complexity of the project.



Global Network of Offices, Sales Advisors & Support

With offices in the US, UK, India and the Middle East, our own R&D and production facilities in Asia, and an ever-growing network of distribution partners throughout the world, WyreStorm is ideally placed as a total solutions provider serving customers wherever they may be.



Six Technology Platforms and Counting

When it comes to AV distribution, we believe there's no such thing as one size fits all. Our multi-platform approach to product design spans HDMI™, HDBaseT™, fiber, H.264, JPEG 2000, and SDVoE™. And with more technologies always on the horizon, we're all about giving the integrator the options they need to provide the best possible solution for their AV project.

PRESENTATION SOLUTIONS: DYNAMIC SWITCHING, OUT OF SIGHT & OUT OF MIND

At WyreStorm we believe that presenting content should be a passive experience; the equipment that you're connecting to should require as little interaction as possible so you can get on with business. We've designed our range of static and extending presentation switchers to operate with just that in mind, featuring automatic source switching at the heart of their operation.

It doesn't stop there though; most of the products in the presentation switcher range have the ability to trigger connected projector screens, lifts or blinds via their built-in relays, bringing both a degree of autonomy and cost saving to corporate or education installs. With 4K and HDCP2.2 compatibility thrown in for good measure, these powerful switchers will also handle most modern commercially available content, too.



2160p
4:4:4 60

4K UNLEASHED

The two available HDMI inputs support full 4K 18Gbps bandwidth transmissions, making this presentation switcher ready for any source you connect. Also, the USB-C input supports alt-mode, meaning that a single cable supports, 4K video transmission and two-way data communication.



CONDITION-BASED RELAYS

With autonomy in mind, these "meeting-room-in-a-box" solutions can be configured to automatically trigger motorized devices within the room. The relays will open or close depending on the status of the transmitter, meaning that upon a source connection being made, the meeting room will come to life with projector screens appearing and window blinds closing.



USB 2.0 PASS-THROUGH

HDBaseT2.0 affords the addition of USB 2.0 pass-through, offering not only KVM functionality for extension of a keyboard/mouse or touchscreen but also full data transfer capabilities. Furthermore, the SW-740-TX supports up to an incredible 20V charging, so whether you plug in your smartphone or laptop, you'll get charged while you presenting.



MULTI-INPUT SWITCHING

Bringing features of the H2 and PRO products into powerful meeting space solutions, WyreStorm has released a plethora of presentation switching solutions that feature multiple input formats such as HDMI, VGA, DisplayPort and USB-C. Supporting USB routing, device data can be fed back via the USB host or USB-C ports to a connected source.

2160p
4:4:4 60



4-input Desk-mounted 4K/60 HDBaseT Presentation Switcher with DSC Compression, Scaling & USB Host

SW-740-TX

Utilizing the best in HDBaseT technology, the SW-740-TX harnesses the power of the Class C specification to deliver 5-play functionality over 100m/328ft of Cat6 cable. 4K/UHD video, Ethernet, Control & Power (PoH) can be sent to a remote display location via a compatible receiver whilst USB2.0 device data can be fed back via the USB host or USB-C ports to a connected source.

Extended functions from USB-C port allow alt-mode for AV & USB host connectivity and device charging up to 3A over a single cable

Includes input for separate independent analog audio device

PIR input allows automatic room triggering depending on occupancy

USB-Type B Host connection for USB extension in KVM application

Intuitive Web UI for management, setup and maintenance with HTTPS encryption

Automatic or manual CEC triggering of connected display

Contact and Tally connections for utilizing external LED indicators or desk plate push buttons for switching inputs



4-input 4K UHD Switching HDBaseT Transmitter with USB host/device

SW-510-TX

When the next generation of HDBaseT transmission meets WyreStorm's presentation switcher platform, the result is this powerful switching transmitter, perfect for corporate meeting and classroom environments. Automatic switching inputs with USB host extension and CEC triggering mean an autonomous experience with no user input required.

Professional switching transmitter for education or corporate meeting rooms

Automatic or manual switching between HDMI, VGA, DisplayPort and USB-C inputs

Bidirectional USB2.0 for connection of webcams, smart touchscreens and microphones

USB-C input supports Alt-mode functionality for AV and USB device connection through a single cable

Automatic or manual CEC triggering for compatible connected screens or projectors

Supports source content up to 4K/60 4:2:0 with HDCP 2.2



3-input 4K UHD Switching HDBaseT Receiver with USB host/device ports & dual Ethernet

SW-515-RX

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.

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



3+1 Input HDBaseT Switching Extender with Scaling Receiver and Relay Triggering

EX-SW-0301-H2

Hitting the sweet-spot between the 2-input and 4-input presentation switcher and extender products, the EX-SW-0301-H2 is a powerful HDBaseT™ extender with support for VGA, HDMI & DP inputs at the transmitter and also a 4th source local to the scaling receiver. Condition-based relays and support for HDCP 2.2 wrap up this formidable package.

3x input HDBaseT switcher/extender for education or huddle room environments

Featuring HDMI, DisplayPort and VGA inputs with auto/manual switching

Automatic (condition based) or manually triggered relays on receiver for operation of projector screens or lifts

Additional HDMI input on receiver for the connection of an additional source device, such as a signage player when a room is not in use

Automatic or manual control of connected screen or projector via CEC or RS-232

Control via RS-232, TELNET port on RX or manual push-button





4x2 Multi-View Scaling Matrix Switch with PiP and Dynamic Windowing
SW-0402-MV-HDMI

The SW-0402-MV-HDMI MultiView scaler or 4x2 matrix enables seamless 4x2 matrix switching and upscaling between analog and/or digital AV sources with dual 4K HDMI outputs. Additionally, up to four HD inputs are able to be switched, scaled and arranged in any size or configuration and presented in full resolution simultaneously on a single HD 1080p or UHD 4K 2160p display.

Each input offers analog or digital AV connectivity options (HDMI, VGA, YUV + 2 audio)

Dual HDMI out - duplicate output or 4x2 matrix

View any or all sources on full/partial screen, PiP, 2x2 quad-screen view or anywhere on the screen

Seamless switching, with scaling output up to 3840x2160p at 30Hz
 Advanced image processor controls source opacity and image border



4K HDMI/VGA Auto-Switching HDBaseT Extender with 2-way PoH
EX-SW-0201-4K

Supporting resolutions up to 4K, this fully-featured Class A HDBaseT extender is designed for use in small meeting room or classroom environments where distribution and control of VGA or HDMI devices up to 100m/328ft is required.

HDMI/VGA auto-switch transmitter with 4K HDMI input support
 HDBaseT device supporting video, audio, bidirectional IR and RS-232 control, PoH power, Ethernet

2-way PoH enables either end to be powered, removing the need for PSU at the other end



2x1 VGA/HDMI Smart Switcher with CEC
SW-0201-4K

The SW-0201-4K is a compact dual input device for manually or automatically switching a connected HDMI or VGA+ audio source to a single HDMI output with CEC-Link, ensuring the display device is powered on during use. No additional cabling is required other than a simple HDMI connection with manual control of source switching and CEC via push buttons on the front of the unit, or by using the contact closure points, which can be wired in-desk or to a wall plate.

Automatic or manual switching between HDMI and VGA inputs to a single HDMI output

VGA audio embed

Automatic or manual trigger of CEC enabled screen

Contact output for desk plate button control





3-Input In-wall HDBaseT Transmitter (2 HDMI, USB-C) with USB host & CEC trigger (4K: 100m/328ft) - 2-gang US and UK versions available

SW-130-TX-US | SW-130-TX-UK

Boasting 2 HDMI inputs and a USB-C port supporting alt-mode functionality (A/V & control) the SW-130-TX in-wall switching transmitter features automatic and manual CEC triggering for a compatible display or projector at the receiving end and is PoH ready, meaning it can be powered by the RX-700. The USB host port means far-end devices can be connected over HDBaseT to a connected computer with transmission distance up to 100m/328ft at 4K/60 4:2:0

2 HDMI & 1 USB-C input with auto-switching and USB-C device charging (up to 5v 2A)

USB-C supports alt-mode functionality for USB device connection; USB host port for HDMI inputs

Transmission of 4K/60 4:2:0 content up to 100m/328ft with separate audio input to RX

Powered by PoH from RX-700 or local PSU (not included)

2.8" Serial Control Color Touchscreen

TS-280-US | TS-280-EU

WyreStorm introduces its first ever touchscreen, the TS-280. This compact touchscreen, with a 2.8" backlit color screen, is available as an EU or US 2-Gang model and is compatible with all models in WyreStorm's presentation switcher line to add just a little extra control and flexibility when needed.

Compact 2.8" backlit color touchscreen available as EU or 2-Gang US models

Auto power off and wake-on-touch

Compatible with all WyreStorm presentation switchers/matrices

Powered directly by compatible switchers or external PSU via power injection box

User preference configurable

Easy update via MicroSD



All WyreStorm Signal Extension Solutions include a 5 Year limited warranty for one of the highest levels of cover available and ultimate peace of mind.



SW-510-TX & SW-515-RX



EX-SW-0301-H2



OUR INNOVATION. YOUR **COLLABORATION**

With ease of use in mind, both the EX-SW-0301-H2 & SW-510-TX and SW-515-RX presentation solutions offer powerful multi-source extension and touchscreen control via the TS-280 US and EU models.

Aimed at education or corporate huddle spaces, these powerful additions to WyreStorm's range offer automatically triggered CEC control for connected screens, condition-based relay triggering and inputs at the receiver side for additional source devices to be used. More particularly, on the 0401 model, when HDBT2.0 is used, the result is powerful USB device extension, perfect for corporate meeting & video conference rooms.

With the 0301, not only does the presentation video automatically get switched to the meeting room screen, the camera, mic and speaker from the room also connect back to the soft codec of the laptop. Time saved, meeting started.

In short: multiple I/O's, condition-based relays and USB 2.0 extension mean an autonomous experience just by plugging in a cable.





Powerful. Reliable. Simple.

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