**5 Input Compact Presentation Switcher/Scaler with CEC Control, Mic Input and HDBaseT Output**

**SW-0501-HDBT**

**In the Box**
- 1x SW-0501-HDBT 5x1 Presentation Switcher
- 1x AC Power Cord
- 1x 11-Pin Phoenix Connector
- 2x 4-Pin Screw Down Phoenix Connector
- 4x 3-Pin Screw Down Phoenix Connector
- 2x Mounting brackets
- 1x Quickstart guide

**WyreStorm - Because the Technology Matters.**

**Introduction**

A compact high performance presentation switcher and scaler, the SW-0501-HDBT supports VGA and up to 4 HDMI sources to mirrored HDMI and HDBaseT™ outputs for connection to local or/and remote display devices. Dedicated VGA audio can be embedded and switched with the output signal, with an internal scaler and QuickSync technology ensuring instant source switching by matching the resolution of the display device up to 1920x1200p.

**Key Features**

- Allows up to five inputs to be switched to two mirrored outputs
- Features four HDMI inputs and one VGA input to one HDMI output and one HDBaseT™ output
- Fast, seamless switching between HDMI and VGA inputs
- ScreenLink screen mirroring software for Windows/Mac
- Local mirrored HDMI output and HDBaseT™ output with transmission distance up to 100m/328ft to compatible display receiver
- PoH to remotely power display receiver and eliminate need to local power access at display location
- Single microphone input with phantom power supporting dynamic or condenser mics
- Unit remembers the connected sequences of each input - follows the Last-In-First-Out rule, outputting the most recently connected active source
- Features audio embedding and de-embedding - VGA source embedded with corresponding stereo audio for A/V input with audio extracted from A/V output when switching
- Supports multiple communications protocols such as IP, TCP, Telnet, UDP
- Automatically outputs the most suitable resolution for connected devices from 640x480@60Hz to 1920x1200@60Hz based on the display device EDID as well as different fixed resolutions for selections
- Auto-scaler outputs the most suitable resolution for connected devices
- Features fast, seamless switching between inputs with QuickSync™
- Supports multiple communications protocols such as IP, TCP, Telnet, UDP
- Bidirectional IR and RS-232 passthrough over HDBaseT™
- CEC compatibility to enable CEC-enabled devices such as TVs enter standby mode and return to their normal working state without user intervention - functionality also possible via rear panel RS232
- Supports multiple communications protocols such as IP, TCP, Telnet, UDP

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Specifications

Audio and Video

Inputs
1x VGA In: 15-pin VGA | 4x HDMI In: 19-pin type A | 1x Audio In: 3-pin Phoenix | 1x Mic In: 3-pin Phoenix

Outputs
1x HDBT Out: 8-pin RJ-45 Female | 1x HDMI Out: 19-pin type A | 1x Audio Out: 3-pin Phoenix

Audio Formats
2ch PCM

Video Resolutions (Max)

<table>
<thead>
<tr>
<th>Resolution</th>
<th>HDMI</th>
<th>Cat6</th>
<th>Cat6a/7</th>
</tr>
</thead>
<tbody>
<tr>
<td>1920x1200p @60Hz 12bit</td>
<td>15m/49ft</td>
<td>100m/328ft</td>
<td>100m/328ft</td>
</tr>
<tr>
<td>1920x1200p @60Hz 16bit</td>
<td>7m/23ft</td>
<td>70m/230ft</td>
<td>70m/230ft</td>
</tr>
</tbody>
</table>

Color Depth
12/16bit

Maximum Pixel Clock
HDMI: 194MHz | HDBaseT: 194MHz

Communication and Control

HDMI
HDCP 1.4 compliant | DVI/D supported with adapter (not included)

HDBaseT
HDCP 1.4 compliant | EDID | 1-way PoH | Bidirectional IR and Ethernet

Ethernet
1x LAN 8-pin RJ-45 female | Web UI | IP Control | Bidirectional over HDBaseT

IR
1x IR HDBT: 5-pin Phoenix | Bidirectional over HDBaseT

RS-232
1x RS-232 (HDBT): 3-pin Phoenix | Bidirectional over HDBaseT
1x RS-232 1 (Switcher): 4-pin Phoenix | Switcher Control | Firmware Updates
1x RS-232 2 (Source): 4-pin Phoenix | Local Source Control

Contact Closure
1x Contact In/1x LED Out: Shared 11-pin Phoenix

Power

Power Supply
Input: 100–240V AC 50/60Hz

PoH
48V 15.4W

Max Power Consumption
88.6W

Environmental

Operating Temperature
32°F ~ 113°F (0°C ~ 45°C) | 10% ~ 90%, non-condensing

Storage Temperature
-4°F to ~ 158°F (-20°C ~ +70°C) | 10% ~ 90%, non-condensing

Maximum BTU
302.3 BTU/hr

Dimensions and Weight

Rack Units
1U

Height with | without feet
51.3mm/2.02in | 43.5mm/1.72in

Width | without Rack Ears
N/A | 220mm/8.67in

Depth | without Handles
N/A | 280mm/11.03in

Weight
2.3kg/5.07lbs

Regulatory

Safety and Emission
CE | FCC | RoHS

Right Product for the Right Application.