

HELIOS®

**AS-HDM-5X1SW**

HDMI® 5x1 Auto Switcher  
User Manual

## **INTRODUCTION**

The AS-HDM-5X1SW is a high performance mini HDMI® Amplified Switcher.

The AS-HDM-5X1SW HDMI® mini switcher not only has the key-press-switching function, but also has the intelligent function.

The AS-HDM-5X1SW HDMI® Amplifier mini Switcher routes high definition video (in multiple resolutions up to 1080p) and digital audio from any one of the several sources to display units.

All inputs accommodate the connections of the high definition video sources simultaneously, compatible for DVD, SET TOP BOX, GAME CONSOLE, Etc. The output sends high definition audio/video signals to a high definition display.

## **FEATURES**

The AS-HDM-5X1SW Mini HDMI® Amplifier Switcher has many features that enable it to perform in a superior manner. Among those features you will find:

1. Supports 12-bit Deep Color, full 1080p
2. Supports 3D
3. Multifunctional on switching : intelligent or mechanical
4. Supports HDMI1.3b
5. High performance up to 2.5Gbps
6. Supports 5 Meters HDMI® Cable on both ends of the Switcher
7. Maintains high resolution video - beautiful, sharp HDTV resolutions up to 1080p, 2k, 1440p graphics and computer resolutions up to 1920 x 1200 are easily achieved

## SPECIFICATIONS

Signal Inputs/Output	
Input Video Signal	0.5-1.0 volts p-p
Input DDC Signal	5 volts p-p (TTL)
Maximum Single Link Range	1920X1200, 1080P
Output Video	HDMI1.3b+HDCP1.0/1.1
Video format supported	
VGA	640x480,800x600,1024x768,1920x1200
DTV/HDTV	480i/576i/480p/576p/720p/1080i/1080P
Digital Signal I/O	
HDMI Compliance	HDMI 1.3b
Operating Frequency	50/60Hz
Frequency	
Vertical Frequency Range	60Hz
Video Amplifier Bandwidth	2.5Gpbs/250MHz
Resolutions(HDTV)	
Interlaced(50&60Hz)	480i,576i,1080i
Progressive(50&60Hz)	480p,576p,720p,1080p
Mechanical	
Size(H-W-D)	80*58*17mm
Weight(Net)	90g
Warranty	
Limited Warranty	1 Year Parts and Labor
Environmental	
Operating Temperature	0°Cto +70°C
Operating Humidity	10% to 85 % RH (no condensation)
Storage Temperature	-10°Cto +80°C
Storage Humidity	5% to 90 % RH (no condensation)
Accessories Adapter	US Standard
User Manual	English Version

**Note: Specifications are subject to change without notice.**

**WARNING – INGESTION HAZARD:** This product contains a button cell or coin battery

- Battery model: CR2025
- Battery nominal voltage: 3.0V
- Remove and immediately recycle or dispose of used batteries according to local regulations and keep away from children. Do NOT dispose of batteries in household trash or incinerate.
- Even used batteries may cause severe injury or death.
- Call a local poison control center for treatment information.
- Non-rechargeable batteries are not to be recharged.
- Do not force discharge, recharge, disassemble, heat above 70 C / 158 F or incinerate. Doing so may result in injury due to venting, leakage or explosion resulting in chemical burns.
- Ensure the batteries are installed correctly according to polarity (+ and -).
- Do not mix old and new batteries, different brands or types of batteries, such as alkaline, carbon-zinc, or rechargeable batteries.
- Remove and immediately recycle or dispose of batteries from equipment not used for an extended period of time according to local regulations.
- Always completely secure the battery compartment.
- If the battery compartment does not close securely, stop using the product, remove the batteries, and keep them away from children.



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