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› Swallow house 2X8 HDMI Switcher/Splitter User Manual

## Swallow house 2X8 HDMI Switcher/Splitter (Model: B09CM5B3VT)

# Swallow house 2X8 HDMI Switcher/Splitter User Manual

Model: B09CM5B3VT

Brand: Swallow house

## 1. INTRODUCTION

This manual provides detailed instructions for the Swallow house 2X8 HDMI Switcher/Splitter. This device allows you to connect two HDMI signal sources to eight HDMI compatible displays, enabling flexible distribution and switching of high-definition video and audio signals. Please read this manual thoroughly before operation to ensure proper use and to maximize the performance of your device.

## 2. PRODUCT FEATURES

- Automated signal splitting to the highest compatible resolution, supporting EDID/CEC functionalities.
- Supports maximum video resolutions of 1920x1080P at 60 Hz and 3840x2160 (4K) at 30 Hz.
- Compatible with Blu-ray, Full HD, and HD 3D content.
- Supports a data rate of 3.4Gbps and a TMDS clock frequency up to 340 MHz.
- For 1080p resolution, supports AWG26 HDMI standard cables up to 15 meters for input and up to 25 meters for output.
- For 4K resolution, supports AWG26 HDMI standard cables up to 12 meters for input and up to 15 meters for output.
- Supports various audio formats including DTS-HD, Dolby-trueHD, DTS, Dolby-AC3, and DSD.
- Allows two HDMI signals to be split or switched to two HDMI compatible monitors or projectors.
- Functions as an HDMI signal amplifier.
- Fully compliant with HDMI 1.3/1.4 Specifications.
- Includes an IR remote adapter for convenient and flexible control, eliminating the need for manual button presses on the unit.
- Supports single high-definition display and multiple output HD signal sources, such as DVD Players, A/V receivers, Set Top Boxes, Xbox, PC, HDTV, Projector, Camcorder, HTPC, and Laptops.

## 3. PACKAGE CONTENTS

Please verify that all the following items are included in your product package:

- 1 x 2X8 HDMI Switcher/Splitter Unit
- 1 x IR Remote Control (with pre-installed battery)
- 1 x 5V DC Power Adapter
- 1 x User Manual (this document)



Image: The 2X8 HDMI Switcher/Splitter unit, its remote control, and power adapter, as typically found in the product package.

## 4. SETUP INSTRUCTIONS

Follow these steps to set up your 2X8 HDMI Switcher/Splitter:

1. **Connect HDMI Source Devices:** Connect your HDMI source devices (e.g., Blu-ray player, game console, PC) to the HDMI Input ports (Input 1 or Input 2) on the rear of the 2X8 HDMI Switcher/Splitter using high-quality HDMI cables.
2. **Connect HDMI Display Devices:** Connect your HDMI display devices (e.g., HDTVs, monitors, projectors) to the HDMI Output ports (Output 1 through Output 8) on the rear of the 2X8 HDMI Switcher/Splitter using high-quality HDMI cables.
3. **Connect Power Adapter:** Plug the provided 5V/1A power adapter into the DC 5V input port on the splitter unit, then connect the adapter to a standard power outlet. The power indicator light on the unit should illuminate.
4. **Power On Devices:** Power on all connected devices, including your HDMI source(s), the HDMI Switcher/Splitter, and all HDMI display devices.

# POWERFUL CHIP, FULLY COMPATIBLE WITH HDMI DEVICES

Support TV , Laptop ,Computer, LCD,TV Box,PS3 ,Xbox ...

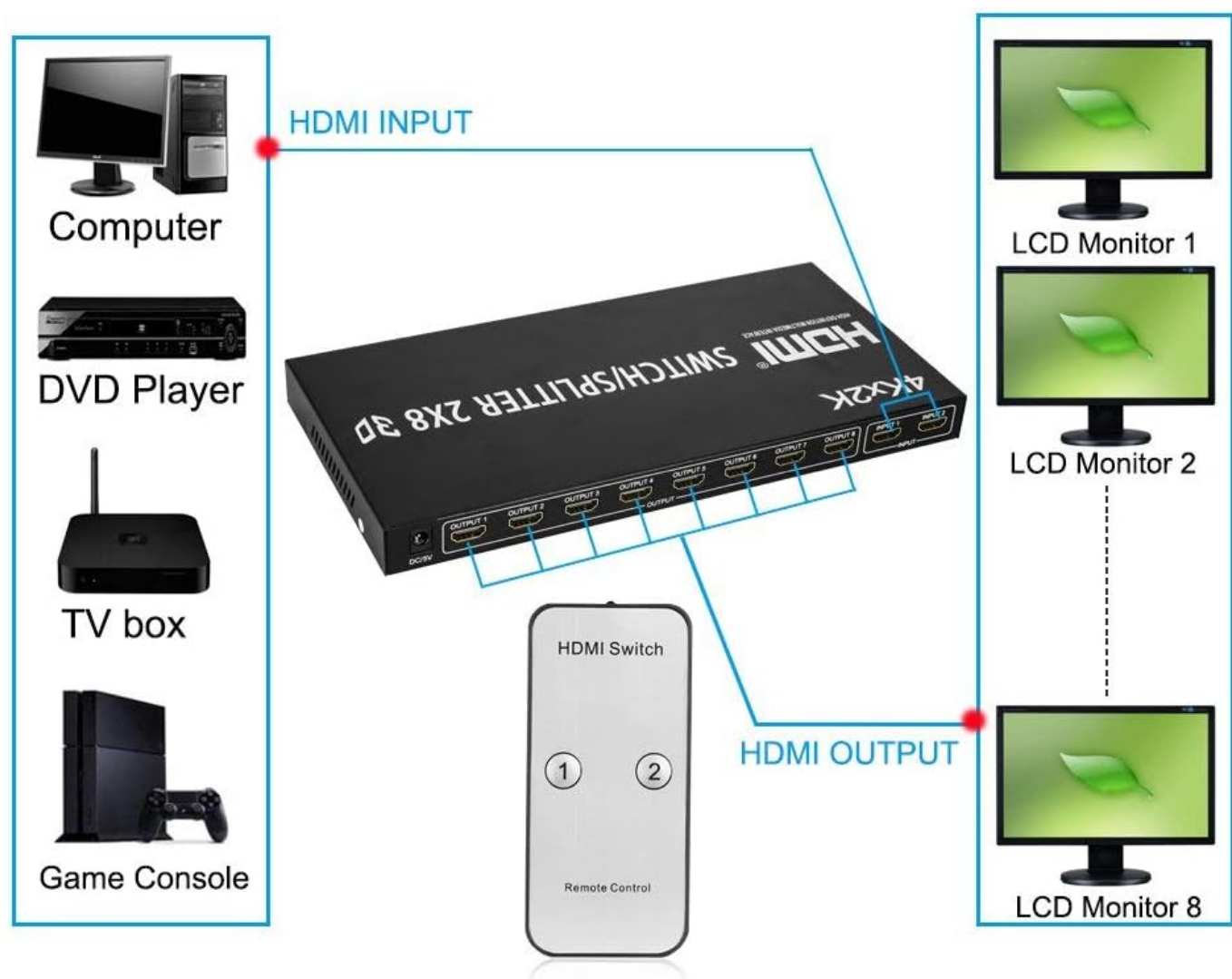


Image: A visual representation of the connection setup, illustrating how various HDMI input sources connect to the splitter and how the splitter distributes the signal to multiple output displays.



Image: An alternative connection diagram demonstrating two laptops as input sources feeding into the splitter, which then distributes the signal to eight separate monitors. The remote control is also depicted, indicating its role in input selection.

## 5. OPERATING INSTRUCTIONS

The 2X8 HDMI Switcher/Splitter allows you to select between two input sources and distribute the selected signal to up to eight displays simultaneously.

### 5.1. Input Selection

- **Using the Front Panel Button:** Press the **SELECT** button on the front panel of the device to toggle between Input 1 and Input 2. The corresponding LED indicator (L1 or L2) will illuminate to show the currently active input.
- **Using the IR Remote Control:** Point the IR remote control towards the device's IR receiver and press the '1' button to select Input 1, or the '2' button to select Input 2.

### 5.2. Output Distribution

Once an input source is selected, the signal will be automatically distributed to all eight connected HDMI output displays. The device supports automatic resolution scaling to the highest common resolution supported by all connected displays.

## EXQUISITE DETAIL DEDICATED DESIGN

High-standard components to build, 5 major performance protection signal transmission



Fire protection



Anti-pressure



Anti-interference



Anti - leakage



Anti-high temperature



Image: A detailed view of the front panel of the HDMI Switcher/Splitter, highlighting the power switch, IR sensor, input selection buttons (SELECT, RESET), and LED indicators for active inputs (L1, L2) and outputs (L1-L8).

## 6. MAINTENANCE

To ensure the longevity and optimal performance of your HDMI Switcher/Splitter, please observe the following maintenance guidelines:

- Keep the device in a cool, dry place, away from direct sunlight, high temperatures, and excessive humidity.
- Do not expose the device to water or any other liquids.
- Clean the device with a soft, dry cloth. Avoid using liquid or aerosol cleaners, as they may damage the unit.
- Ensure adequate ventilation around the device to prevent overheating during operation.
- Avoid dropping the device or subjecting it to strong impacts.

## 7. TROUBLESHOOTING

If you encounter any issues while using the 2X8 HDMI Switcher/Splitter, please refer to the following table for common problems and their solutions:

| Problem                               | Possible Cause                  | Solution                                                                                                                                                                    |
|---------------------------------------|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| No picture on display                 | Loose HDMI cable connection     | Ensure all HDMI cables are securely connected to both the splitter and the display/source devices.                                                                          |
| No picture on display                 | Incorrect input selected        | Use the "SELECT" button on the device or the remote control to switch to the correct input (L1 or L2).                                                                      |
| No picture on display                 | Power issue                     | Check if the power adapter is properly connected and the power indicator light on the splitter is on. Try a different power outlet.                                         |
| Picture quality is poor or flickering | Long or low-quality HDMI cables | Use shorter, high-quality AWG26 HDMI cables. For 4K resolution, ensure cables are rated for 4K and within the recommended length (up to 12 meters input, 15 meters output). |
| No audio                              | Audio format incompatibility    | Ensure your display and audio system support the audio format being transmitted (DTS-HD, Dolby-trueHD, DTS, Dolby-AC3, DSD).                                                |
| Remote control not working            | Battery depleted or obstruction | Replace the CR2 battery in the remote control. Ensure there is no obstruction between the remote and the IR receiver on the splitter.                                       |

## 8. SPECIFICATIONS

Detailed technical specifications for the 2X8 HDMI Switcher/Splitter:

| Feature                   | Detail                                     |
|---------------------------|--------------------------------------------|
| HDMI Input Ports          | 2                                          |
| HDMI Output Ports         | 8                                          |
| Max Video Resolution      | 1920x1080P / 60 Hz; 3840x2160 / 30 Hz (4K) |
| Data Rate                 | 3.4Gbps                                    |
| TMDS Clock                | Up to 340 MHz                              |
| HDMI Cable Length (1080p) | Input: ≤15m (AWG26), Output: ≤25m (AWG26)  |
| HDMI Cable Length (4K)    | Input: ≤12m (AWG26), Output: ≤15m (AWG26)  |
| Supported Audio Formats   | DTS-HD/Dolby-trueHD/DTS/Dolby-AC3/DSD      |
| Max Working Current       | 500mA                                      |
| Power Adapter Input       | AC (50HZ, 60HZ) 100V-240V                  |

| Feature                     | Detail                                         |
|-----------------------------|------------------------------------------------|
| Power Adapter Output        | DC5V/1A                                        |
| Operating Temperature Range | -15 to +55 °C (5 to 131 °F)                    |
| Dimensions (L x W x H)      | 276 x 135 x 24 mm (10.87 x 5.31 x 0.94 inches) |
| Item Weight                 | 2.04 pounds (approx. 925g)                     |
| Batteries (Remote)          | 1 x CR2 (included)                             |

## 9. WARRANTY AND SUPPORT

For warranty information and technical support regarding your Swallow house 2X8 HDMI Switcher/Splitter, please refer to the documentation provided at the time of purchase or contact Swallow house customer service directly. Specific warranty terms and contact details can typically be found on the product packaging or the official Swallow house website. Additionally, protection plans such as 2-Year, 3-Year, and Complete Protect plans may be available through your retailer to extend coverage beyond the standard warranty period.

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**Question**

Example: How do I reset this device or fix this error?

**Details**

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

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