

LogiLink HD0039

LogiLink HD0039 2x2 Port Bidirectional HDMI Switch User Manual

Model: HD0039

1. INTRODUCTION

The LogiLink 4K 2x2 port bidirectional HDMI switch allows you to connect two (2) HDMI sources, such as a video camera, Blu-ray player, satellite receiver, digital video recorder, set-top boxes, or game consoles, to two (2) HDMI-compatible displays. This switch can simultaneously route one of the two HDMI input signals to two (2) UHD displays. The integrated Downscaler function supports displaying 4K content on Full HD screens, and both 4K and Full HD screens can operate simultaneously. This smart switch ensures no compromise on image and sound quality. 4K/UHD image signals are transmitted without loss, with HDCP 2.2/1.4, HDR, and 3D support. Audio transmission in LPCM 7.1, DTS, Dolby Digital, DTS-HD Master Audio, and Dolby TrueHD meets all your audio needs.

2. PRODUCT FEATURES

- Allows switching between two HDMI signal sources to two displays/TVs simultaneously.
- Compliant with HDMI 2.0, offering a bandwidth of 6 Gbit/s at 600 MHz per line (18 Gbit/s total).
- Connections: 2 x HDMI A inputs, 5V DC power input; Outputs: 2 x HDMI A.
- Supports Ultra HD 4K/60 Hz YUV 4:4:4 and Full 3D.
- Supports 36-bit Deep Color (12 bits per channel).
- Supports EDID Pass-Through.
- Supports HDCP 1.4/2.2, HDR, and Downscaler functionality.
- Supports uncompressed audio like LPCM 7.1.
- Supports compressed audio data such as DTS, Dolby Digital (including DTS-HD Master Audio and Dolby TrueHD).
- Durable metal casing, dimensions: 11.6 x 5.2 x 2.3 cm.

3. PACKAGE CONTENTS

Please check the package for the following items:

- LogiLink HD0039 2x2 Port Bidirectional HDMI Switch
- 5V DC Power Adapter
- User Manual

4. DEVICE OVERVIEW



Figure 1: Top view of the LogiLink HD0039 HDMI Switch, showing the DC 5V power input, two HDMI input ports (IN 1, IN 2), and two HDMI output ports (OUT 1, OUT 2).



Figure 2: Detailed view of the front and back panels. The back panel shows the DC 5V input and HDMI IN/OUT ports. The front panel features LED indicators for audio output, input selection (IN 1, IN 2), HDMI version switch (1.4/2.0), audio mode button, and a power/switch button.



Figure 3: A perspective view showing both the input/output ports and the control panel with LED indicators and buttons.



Figure 4: The included 5V DC power adapter, essential for powering the HDMI switch.

5. SETUP INSTRUCTIONS

1. **Power Off Devices:** Before making any connections, ensure all HDMI source devices (e.g., Blu-ray player, game console) and display devices (e.g., TV, monitor) are powered off.

2. **Connect HDMI Sources:** Connect your HDMI source devices to the HDMI IN 1 and HDMI IN 2 ports on the LogiLink HD0039 switch using high-quality HDMI cables.
3. **Connect HDMI Displays:** Connect your HDMI display devices to the HDMI OUT 1 and HDMI OUT 2 ports on the switch using high-quality HDMI cables.
4. **Connect Power Adapter:** Insert the 5V DC power adapter into the DC 5V port on the switch, then plug the adapter into a power outlet. The power LED on the switch should illuminate.
5. **Power On Devices:** Power on your display devices first, then power on your HDMI source devices.
6. **Select Input/Output:** Use the 'SOURCE' button on the front panel to select the desired input source (IN 1 or IN 2) and the 'SWITCH' button to toggle between output configurations.

6. OPERATING INSTRUCTIONS

The LogiLink HD0039 switch offers flexible control for managing your HDMI signals.

6.1. Switching Inputs

- Press the **SOURCE** button on the front panel to cycle between HDMI IN 1 and HDMI IN 2. The corresponding LED indicator (IN 1 or IN 2) will light up to show the currently selected input.

6.2. Switching Outputs

- Press the **SWITCH** button on the front panel to control which output ports receive the selected input signal. This switch allows you to send the selected input to OUT 1, OUT 2, or both simultaneously.

6.3. HDMI Version Selection

- A small switch labeled **1.4 / 2.0** is located on the front panel. This allows you to manually select the HDMI version. For 4K/60Hz content and HDR, ensure this switch is set to **2.0**. For compatibility with older devices, you may switch to **1.4** if needed.

6.4. Audio Mode Selection

- The **AUDIO** button allows you to select the audio mode. Refer to the LED indicators (HIGH/LOW) for the current audio setting. This feature can be used to optimize audio output for different display capabilities.

7. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the device. Do not use liquid or aerosol cleaners.
- **Ventilation:** Ensure the device is placed in a well-ventilated area to prevent overheating. Do not block any ventilation openings.
- **Environment:** Keep the device away from excessive heat, humidity, dust, and direct sunlight.
- **Power:** Always use the provided 5V DC power adapter. Disconnect the power adapter if the device will not be used for an extended period.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No picture on display.	<ul style="list-style-type: none">Loose HDMI cable connections.Incorrect input source selected.Power issue.HDCP incompatibility.	<ul style="list-style-type: none">Check and re-secure all HDMI cables.Ensure the correct input (IN 1/IN 2) is selected using the SOURCE button.Verify the power adapter is correctly connected and the device is powered on.Try setting the HDMI version switch to 1.4 if experiencing HDCP issues with older devices.
Poor picture quality or flickering.	<ul style="list-style-type: none">Low-quality HDMI cables.Cable length too long.Incorrect HDMI version selected.	<ul style="list-style-type: none">Use certified high-speed HDMI cables.Ensure HDMI version switch is set to 2.0 for 4K/HDR content.Try shorter HDMI cables if possible.
No audio.	<ul style="list-style-type: none">Audio settings on source/display.Incorrect audio mode on switch.	<ul style="list-style-type: none">Check audio settings on your source device and display.Press the AUDIO button on the switch to cycle through audio modes.
4K content not displaying correctly on Full HD screen.	Downscaler not active or issue.	Ensure the Downscaler function is enabled (it is integrated and should work automatically). If issues persist, try restarting all devices.

9. SPECIFICATIONS

Feature	Specification
Brand	LogiLink
Model Number	HD0039
Color	Black
Connector Type	HDMI
Number of Ports	2 Inputs, 2 Outputs

Feature	Specification
Compatible Devices	Camera, Blu-ray Player, DVD Player, Television
HDMI Standard	HDMI 2.0 (backward compatible with 1.4)
Bandwidth	18 Gbit/s (6 Gbit/s per line at 600 MHz)
Resolution Support	Up to 4K/60 Hz YUV 4:4:4, Full 3D
Color Depth	36-bit Deep Color (12 bits per channel)
HDCP Support	HDCP 1.4/2.2
HDR Support	Yes
EDID Support	EDID Pass-Through
Audio Support	LPCM 7.1, DTS, Dolby Digital, DTS-HD Master Audio, Dolby TrueHD
Downscaler Function	Integrated (4K to Full HD)
Power Supply	5V DC
Casing Material	Metal
Dimensions (L x W x H)	11.6 x 5.2 x 2.3 cm
Manufacturer	2direct GmbH
Country of Origin	China

10. WARRANTY AND SUPPORT

LogiLink products are designed for reliability and performance. For specific warranty information, please refer to the warranty card included with your product or visit the official LogiLink website. For technical support or assistance, please contact your retailer or LogiLink customer service.

Spare parts availability and software update guarantees are not available for this product.