

## JCHICI 4K@60Hz 1 Input 4 Output

# JCHICI HDMI Splitter 4K@60Hz 1 Input 4 Output User Manual

Model: 4K@60Hz 1 Input 4 Output

Brand: JCHICI

## 1. INTRODUCTION

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This manual provides detailed instructions for the installation, operation, and troubleshooting of your JCHICI HDMI Splitter. This device allows you to distribute one HDMI input signal to four HDMI output displays simultaneously, supporting high-resolution video up to 4K@60Hz, HDR, and 3D content. It is designed for various applications including home entertainment, office presentations, and multi-display setups.



*Image: The JCHICI HDMI Splitter connected to multiple HDMI cables, illustrating its 1-input, 4-output capability.*

## 2. PRODUCT FEATURES

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- **1 Input to 4 Output HDMI Splitter:** Distributes one HDMI source to four HDMI displays simultaneously. Ideal for multiple display setups in homes or offices.
- **4K@60Hz Ultra HD & HDR Support:** Complies with the latest HDMI 2.0 standard, supporting resolutions up to 4K@60Hz for vivid and realistic video quality. Also supports HDR and 3D video.
- **EDID Management Function:** Features 8 types of EDID settings to ensure optimal compatibility with various display devices, providing a stable viewing experience.
- **High-Quality Audio Output:** Supports high-quality audio formats including DTS-HD, Dolby-TrueHD, LPCM7.1, DTS, Dolby-AC3, and DSD. Audio signals are transmitted via HDMI cable without degradation or delay.
- **Plug and Play:** No software or driver installation required. Simple connection for immediate use with most standard devices.
- **Dedicated Power Adapter Included:** Comes with a DC 5V power adapter to ensure stable signal transmission and reliable long-term operation.
- **Durable Aluminum Alloy Body:** Constructed with an aluminum alloy casing for enhanced durability and heat dissipation.



Image: Visual representation of 4K@60Hz, HDR, and 3D video support.

### 3. PACKAGE CONTENTS

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Please check the package contents upon receipt to ensure all items are present:

- HDMI Splitter (1 unit)
- DC 5V Power Adapter (1 unit)
- Wall Mount Accessories (1 set)
- User Manual (Japanese, 1 unit) - *This document serves as the English equivalent.*



Image: All items included in the JCHICI HDMI Splitter package.

### 4. PRODUCT OVERVIEW

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Familiarize yourself with the ports and indicators on your JCHICI HDMI Splitter:

# EDID設定機能

8種のEDID情報の設定が可能で、ディスプレイと最適な信号対応ができます。

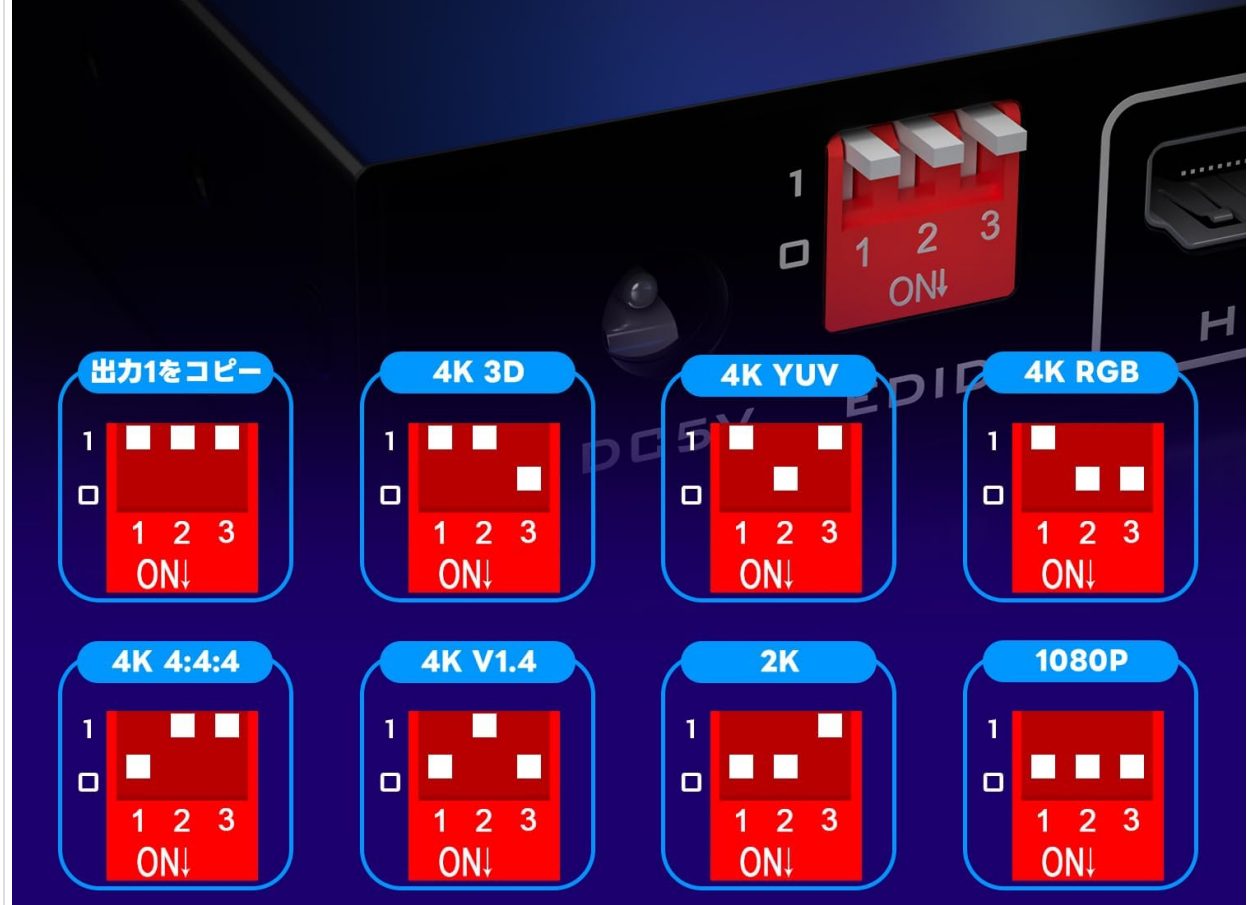


Image: Detailed view of the HDMI splitter's front (output ports, EDID switches, power), side (input port), and back (indicator lights).

- **DC 5V Power Input:** Connect the included power adapter here.
- **EDID Dip Switches:** Used to manually configure EDID settings (see Section 6).
- **HDMI IN Port:** Connect your HDMI source device (e.g., PC, PS5, Xbox).
- **HDMI OUT1-4 Ports:** Connect your display devices (e.g., TV, monitor, projector).
- **Indicator Lights (IN, OUT1-4, Power):** These LEDs illuminate to show active connections and power status.



Image: Close-up of the indicator lights on the HDMI splitter, showing their design and function.

## 5. SETUP INSTRUCTIONS

- 1. Connect HDMI Source:** Connect your HDMI source device (e.g., PC, game console, media player) to the HDMI IN port on the splitter using a high-quality HDMI 2.0 or higher cable.
- 2. Connect HDMI Displays:** Connect your display devices (e.g., HDTVs, projectors, monitors) to the HDMI OUT1, OUT2, OUT3, and OUT4 ports on the splitter using high-quality HDMI 2.0 or higher cables.
- 3. Connect Power Adapter:** Plug the included DC 5V power adapter into the splitter's DC 5V port, then plug the adapter into a power outlet. The power indicator light will illuminate.
- 4. Verify Connections:** Ensure all cables are securely connected. The IN and OUT indicator lights corresponding to active connections should illuminate green.
- 5. Power On Devices:** Power on your HDMI source device and all connected display devices. The splitter should automatically detect the signals and display content on all connected screens.

## 1入力4画面同時出力

ロスレス画質、遅延なしは、生活や仕事に役立ちます！



*Image: A visual guide demonstrating the connection of one HDMI input to four separate displays using the splitter.*



Image: A close-up of the EDID dip switches, showing their positions and labels.

### EDID Code Switch Work Mode Description

SW (Switch Position)	EDID Mode
111 (All OFF)	Copy OUT1 (Automatically learns EDID from the display connected to OUTPUT1)
110 (OFF, OFF, ON)	4K 3D (Enables 4K, 3D EDID)
101 (OFF, ON, OFF)	4K YUV (Enables 4K, YUV EDID)
100 (OFF, ON, ON)	4K RGB (Enables 4K, RGB EDID)
011 (ON, OFF, OFF)	4K 4:4:4 (Enables 4K, 4:4:4 EDID)
010 (ON, OFF, ON)	4K V1.4 (Enables 4K, HDMI 1.4 EDID)
001 (ON, ON, OFF)	2K (Enables 2K EDID)
000 (All ON)	1080P (Enables 1080P EDID)

**Note:** After changing EDID settings, it is recommended to power cycle both the splitter and the source device for the changes to take effect.

## 7. OPERATION

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Once the setup is complete and all devices are powered on, the JCHICI HDMI Splitter operates automatically. The input signal will be duplicated and sent to all four connected output displays.

- **Indicator Lights:** The green "IN" light indicates a valid HDMI input signal. The green "OUT1-4" lights indicate active connections to displays. The red power light indicates the device is powered on.
- **Simultaneous Output:** All four output ports will display the same content from the single HDMI input.

## 8. TROUBLESHOOTING

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If you encounter issues, please refer to the following common troubleshooting steps:

### 1. No Picture/Signal:

- Ensure all HDMI cables are securely connected to both the splitter and your devices.
- Verify that the power adapter is correctly connected and the power indicator light is on.
- Try using different HDMI cables, as faulty cables can cause signal issues.
- Check the EDID settings (Section 6) to ensure they are compatible with your source and displays. Try setting it to "Copy OUT1" or "1080P" for basic compatibility.
- Power cycle all connected devices (source, splitter, displays).

### 2. Picture Flickering/Unstable:

- Ensure you are using high-quality HDMI 2.0 or higher cables, especially for 4K@60Hz content.
- Check cable lengths. Longer cables may require active HDMI cables or signal boosters. Refer to the cable length guidelines in the specifications.
- Verify EDID settings are appropriate for your display's capabilities.
- Ensure the power adapter is providing stable power.

### 3. No Audio:

- Check audio settings on your source device and display.
- Ensure HDMI cables support audio transmission.
- Verify EDID settings are not forcing an incompatible audio format.

### 4. Image Quality Issues (e.g., color distortion):

- Adjust EDID settings to match the color space (e.g., RGB, YUV) supported by your display.
- Ensure your source device is outputting a compatible signal.

## 9. SPECIFICATIONS

Feature	Detail
Connector Type	HDMI (Female/Female)
Supported Devices	Notebook PCs, PCs, VR devices, TVs, Monitors, DVDs, Set-top boxes, etc.
Color	Black
Batteries Included	No
Batteries Required	No
Manufacturer	JCHICI
Product Model Number	4K@60Hz 1 Input 4 Output
Compatible OS	Linux, Mac OS, Windows
Product Dimensions	12.1 x 5.3 x 1.9 cm
Product Weight	155 g
First Available Date	2023/7/9

### HDMI Cable Length Guidelines:



Image: Table showing recommended HDMI cable lengths and AWG gauges for 4K@60Hz, 4K@30Hz, and 1080P resolutions.

Resolution	Input Length	Output Length	Wire Gauge (AWG)
4K@60Hz	&le; 3M	&le; 3M	AWG30
4K@30Hz	&le; 10M	&le; 10M	AWG26
1080P	&le; 15M	&le; 15M	AWG24

**Important:** All HDMI cables used must be HDMI 2.0 version or higher for optimal performance.

## 10. SAFETY INFORMATION

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- Do not expose the device to water, moisture, or extreme temperatures.
- Do not attempt to disassemble or repair the device yourself. Refer to qualified personnel for service.
- Use only the provided power adapter to prevent damage to the device.
- Keep the device away from direct sunlight and heat sources.
- Ensure proper ventilation around the device to prevent overheating.

## 11. WARRANTY AND SUPPORT

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JCHICI offers a strong after-sales service team, providing a 2-year warranty and lifetime technical support for this product. Please feel free to contact us if you have any questions or require assistance.

For support, please visit the [JCHICI Store on Amazon](#) or contact customer service through your purchase platform.