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› avedio links HDMI Splitter 1 in 2 Out User Manual

avedio links 1x2 4K@30Hz

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Model: 1x2 4K@30Hz

1. INTRODUCTION

The avedio links HDMI Splitter is designed to duplicate a single HDMI input signal to two HDMI displays simultaneously. This device is ideal for mirroring the same content across multiple screens, such as in home entertainment setups, presentations, or digital signage applications. It supports 4K@30Hz resolution and is backward compatible with various lower resolutions.

Key Features:

- Duplicates one HDMI input to two HDMI outputs.
- Supports 4K@30Hz, 3D, and various lower resolutions.
- Plug and Play functionality, no external drivers required.
- Supports HDMI v1.3/1.4 and HDCP1.4.
- Compatible with a wide range of HDMI source and display devices.

2. PRODUCT OVERVIEW



The avedio links HDMI Splitter, a compact device designed to split one HDMI signal into two identical outputs.

Broad Compatibility



Diagram illustrating the broad compatibility of the HDMI splitter with various input and output devices.

The Avedio Links HDMI Splitter is a compact and lightweight device, measuring approximately 2.48 x 2.05 x 0.51 inches. It features one HDMI input port and two HDMI output ports. A USB power input is also present to ensure stable operation. The device is designed for easy integration into existing home theater or professional display systems.

3. PACKAGE CONTENTS

Packing Included

- ① 4K@30Hz HDMI Splitter
- ② Type C power cable (Adapter not included)
- ③ 4 Ft HDMI 2.0 Cable
- ④ User Guide



Visual representation of all items included in the product package.

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

- 1x2 HDMI Splitter (approx. 2.48 x 2.05 x 0.51 inches)
- 1 x 4 ft High-Speed HDMI Cable
- 1 x 2.6 ft USB Power Cable (Power adapter not included)
- 1 x User Guide

A 5V 1A power adapter is required for operation and must be purchased separately if not already available.

4. SETUP INSTRUCTIONS

Follow these simple steps to set up your avedio links HDMI Splitter:

1. **Connect Output Devices:** Plug your HDMI display devices (e.g., TV, monitor, projector) into the "OUTPUT 1" and "OUTPUT 2" ports of the HDMI splitter using HDMI 2.0 cables.
2. **Connect Input Source:** Connect your HDMI input source (e.g., PC, laptop, gaming console, Blu-ray player) to the "INPUT" port of the HDMI splitter using an HDMI 2.0 cable.
3. **Provide Power:** Connect the included 2.6 ft USB power cable to the splitter's power input. Plug the other end of the USB cable into a 5V 1A USB power adapter (not included) and then into a wall outlet. This step is crucial for stable signal transmission.
4. **Verify Connection:** Once all connections are made and power is supplied, the LED indicator on the splitter should light up, indicating a successful connection and signal synchronization to your external monitors.

3 Steps plug and play



01 Step

Plug in output device like TV, monitor by HDMI 2.0 cable.



02 Step

Plug in input source like PC by HDMI 2.0 cable.



03 Step

For a more stable signal, plug the USB cable into a wall outlet with a **5V 1A** adapter. (Adapter not included)



Avoid using converters between the splitter and input/output devices. If needed, contact the seller before purchase to ensure compatibility.

Visual guide for the three-step plug and play setup process.

Troubleshooting Guide

Q: Audio Output Failure, How to Set?

A: If the laptop is connected to the splitter but there is no sound, try the following steps: Settings → System (Display, Audio, Notification, Power) → Audio → Select Output Audio Device. If another device (like a DVD player) is connected, try setting the audio format of the input source to PCM mode.

Q: If the max resolution of the 2 displays is different, what resolution will be displayed?

A: The splitter will display the lower resolution. It cannot support both 4K and 1080P displays at the same time.

Q: The screen flickers, and the signal cuts in and out. What should I do?

A: Connect a power adapter to ensure the splitter gets enough power. Use HDMI 2.0 AWG 26 or higher version HDMI cables. For 4K output, suggest use HDMI 2.0 AWG 26 cable, length ≤5m/16 ft; For 1080p output, suggest use HDMI 2.0 AWG 26 cable, length ≤10m/32.8ft;

Q: Only one screen is working properly. How to set?

A: This may be due to the resolution mismatch between the two monitors. We recommend adjusting the resolution of the input source to match the lowest resolution of the monitors, and turn off the input source's HDR function.

Q: The HDMI Splitter is not working, and there's no signal. How to set?

A: Check if the power indicator is on. If not, reinsert the power adapter or use a new 5V/1A power adapter. Check if the device is correctly connected: the input device should be connected to the input port, and the display device to the output port. Set the resolution of the input source to 1080p, and replace the HDMI 2.0 AWG 26 cable. The cable length should not exceed 3m. If the signal source is a computer, check the computer display settings to ensure the external monitor is recognized. If recognized, set the display mode to mirror and avoid disconnecting the display connection.

Q: Why is there a purple picture?

A: This issue occurs when Dolby Vision or a similar feature is enabled. We recommend turning off Dolby Vision or HDR settings on the input source to avoid this issue.

Detailed connection steps for the HDMI splitter, showing input, output, and power connections.

5. OPERATING INSTRUCTIONS

The avedio links HDMI Splitter operates on a simple principle: it duplicates the input signal to all connected output displays. This means both connected monitors will show the exact same content as the source.

Important Operating Notes:

- **Mirror Mode Only:** This splitter is designed for mirroring or duplicating the same screen content. It does **not** support extended desktop mode (MST) where different content is displayed on each monitor.

Not Support

Not extend ABC mode(MST)

⚠ Not extend 3 different screen



Not Support Audio Device /ARC/eARC



Not Support 2 in 1 Out for Switching

Diagram explicitly showing that the splitter does not support extended display mode, acting as a mirror only.

2 Display Devices Both Duplicate The Input Source's Screen

- 4K 30Hz
- HD HDCP 1.4
- Max 65.6FT HDMI Cable (in 32.8ft+out 32.8 ft)
- with 4 ft HDMI 2.0 Cable
- Dolby ATMOS
Sound transmitted with video – no separate audio output
- 3D
- HDMI 1.4
- Reversible USB-C Port
(Type C power cable included, adapter not included)

Explanation of AAA (mirror) mode and why extended (ABC) mode is not supported by HDMI splitters.

- **Not a Switcher:** This device is a splitter, not an HDMI switcher. It cannot accept multiple input signals and switch between them to a single display.
- **No Audio Extraction:** The splitter transmits audio along with video, but it does not have dedicated audio

output ports for connecting to external audio devices like soundbars or speakers.

- **Resolution Handling:** If the connected displays have different maximum resolutions, the splitter will output the lower common resolution to both displays to ensure compatibility.



The advertisement features a black Avedio Links HDMI Splitter at the top right, with a USB-C cable plugged into its top. The background is a blue gradient with light streaks. The product name 'Avedio Links HDMI Splitter' is written in a stylized font. Below the product name, there are two main comparison sections. The left section, titled 'Avedio Links HDMI Splitter', shows two scenarios: one with two monitors and a laptop, and another with a 24-inch monitor, a 32-inch monitor, and a laptop. The right section, titled 'OTHERS', shows two scenarios: one with an AB Switch Splitter and one with an HDMI Cable Splitter. A large 'VS' graphic is placed between the two sections.

✓ Avedio Links HDMI Splitter

Support 2 Output Display at The Same Time

Support Different Size Monitor Display (both display same screen)

OTHERS

AB Switch Splitter

✗ Only Support One Output

HDMI Cable Splitter

✗ Only Support Same Size Monitor

Comparison showing avedio links splitter supporting two outputs simultaneously and different monitor sizes, unlike some others.

Your browser does not support the video tag.

Video demonstrating the HDMI splitter's mirror input screen functionality, emphasizing that it does not support extended display modes.

6. COMPATIBILITY

The avedio links HDMI Splitter is designed for broad compatibility with various HDMI-enabled devices. Ensure your devices meet the following specifications for optimal performance:

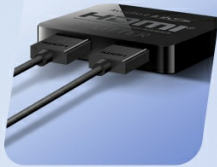
- **HDMI Version:** Supports HDMI v1.3/1.4.
- **HDCP:** Supports HDCP1.4. (Not compatible with HDCP2.2).
- **Resolution:** Supports 4K@30Hz, and is backward compatible with 1080p@50/60Hz, 1080i@50/60Hz, 720p@50/60Hz, 720i@50/60Hz, 576p@50Hz, 576i@50Hz, 480p@60Hz, and 480i@60Hz.
- **Color Depth:** Supports deep color 12 bit/16 bit.
- **Audio Formats:** Supports DTS-HD/Dobly-true HD/LPCM7.1/DTS/Dobly-AC3/DSD/HD(HBR).
- **Recommended Cables:** For 4K resolution, use HDMI 2.0 AWG 26 cables with a length of ≤16ft (5m). For 1080P resolution, cables up to ≤32.8ft (10m) are recommended.



Image highlighting the support for 4K@30Hz resolution, 3D, HDMI 1.4, HDCP 1.4, and audio/video sync.

Connection Guide

01
Step



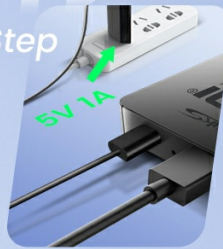
Connect 2 HDMI display devices like monitors by HDMI 2.0 Cable

02
Step



Hook up 1 HDMI input source like laptop by HDMI 2.0 Cable

03
Step



Plug the USB C cable on power adapter

04
Step



LED Indicator Light Up, input source's video signal sync output on external 2 monitors

Checklist for ensuring device compatibility before purchase, covering HDMI version, resolution, display mode, HDR, cables, and power.

7. TROUBLESHOOTING

If you encounter any issues while using the avedio links HDMI Splitter, please refer to the following common problems and solutions:

Problem	Solution
No Audio Output / Audio Failure	If your laptop is connected but there is no sound, try adjusting the audio format of the input source to PCM mode. (Settings → System (Display, Audio, Notification, Power) → Audio → Select Output Audio Device).
Screen Flickers / Signal Cuts Out	Ensure a stable power supply by connecting a 5V 1A power adapter. Use high-quality HDMI 2.0 AWG 26 cables. For 4K, cable length should be ≤16ft (5m); for 1080P, ≤32.8ft (10m).
Only One Screen Working Properly	This may be due to resolution mismatch. Adjust the resolution of the input source to match the lowest resolution of your monitors. Turn off the input source's HDR function if enabled.
HDMI Splitter Not Working / No Signal	Check if the power indicator is on. Reinsert the power adapter or use a new 5V/1A adapter. Ensure the input device is connected to the input port and the display device to the output port. Set input resolution to 1080p if needed. Check cable length (max 3m for 1080p). If the source is a computer, check display settings to ensure external monitor is recognized and set to mirror mode.

Problem	Solution
Purple Picture	This issue often occurs when Dolby Vision or a similar feature is enabled. We recommend turning off Dolby Vision or HDR settings on the input source to avoid this.

FAQ	Compatibility
<p>Q: Audio Output Failure, How to Set?</p> <p>A: If the laptop is connected to the splitter but there is no sound, try the following steps: Settings → System (Display, Audio, Notification, Power) → Audio → Select Output Audio Device. If another device (like a DVD player) is connected, try setting the audio format of the input source to PCM mode.</p> <p>Q: If the max resolution of the 2 displays is different, what resolution will be displayed?</p> <p>A: The splitter will display the lower resolution. It cannot support both 4K and 1080P displays at the same time.</p> <p>Q: The screen flickers, and the signal cuts in and out. What should I do?</p> <p>A: Connect a power adapter to ensure the splitter gets enough power. Use HDMI 2.0 AWG 26 or higher version HDMI cables. For 4K output, suggest use HDMI 2.0 AWG 26 cable, length ≤5m/16 ft; For 1080p output, suggest use HDMI 2.0 AWG 26 cable, length ≤10m/32.8ft;</p> <p>Q: Only one screen is working properly. How to set?</p> <p>A: This may be due to the resolution mismatch between the two monitors. We recommend adjusting the resolution of the input source to match the lowest resolution of the monitors, and turn off the input source's HDR function.</p> <p>Q: The HDMI Splitter is not working, and there's no signal. How to set?</p> <p>A: Check if the power indicator is on. If not, reinsert the power adapter or use a new 5V/1A power adapter. Check if the device is correctly connected: the input device should be connected to the input port, and the display device to the output port. Set the resolution of the input source to 1080p, and replace the HDMI 2.0 AWG 26 cable. The cable length should not exceed 3m. If the signal source is a computer, check the computer display settings to ensure the external monitor is recognized. If recognized, set the display mode to mirror and avoid disconnecting the display connection.</p> <p>Q: Why is there a purple picture?</p> <p>A: This issue occurs when Dolby Vision or a similar feature is enabled. We recommend turning off Dolby Vision or HDR settings on the input source to avoid this issue.</p>	<p>1. HDMI / HDCP Version :</p> <p>This product support HDMI 1.4, HDCP 1.4, backward compatible with lower version, but not compatible with HDCP 2.2/2.3, HDMI 2.0/2.1; Besides it can transmit the audio and video signal, but it can't support extract audio by connect audio device like soundbar.</p> <p>2. Resolution/Refresh :</p> <p>This HDMI Splitter support max resolution 4K@30Hz, compatible with lower resolution, but not support 4K@60Hz /8K@60Hz, also not support high refresh rate like 1080p@240Hz, 4K@120Hz;</p> <p>3. Display Mode:</p> <p>This product support mirror(aaa) and SST(abb) mode, it can't support extend(MST) mode, due to HDMI standards not support extend display, not a product flaw.</p> <p>4. HDR</p> <p>This product can't support HDR function, If the input device has HDR enabled by default, connecting it to this product may cause the signal to not be transmitted correctly. Please turn off your input device's HDR function after hook this product.</p> <p>5. Test with Different HDMI Cables:</p> <p>Use high-quality HDMI 2.0 cables (AWG 26 or above); For 4K output, length ≤ 5m/16 feet. For 1080P output, length ≤ 10m/32.8 feet. Poor-quality or long cables can cause signal loss or poor compatibility.</p> <p>6. Required Using Power Adapter</p> <p>Connect 5V 1A power adapter into socket to supply power, Power adapter not included in packing, please use yourself.</p>



Connection Guide

SCAN ME



Troubleshooting Guide

SCAN ME

Image containing frequently asked questions and compatibility details for the HDMI splitter.

Support 2 Monitors Display Synchronously

If 2 monitors' resolution is not same, they will both display the lower resolution,
2 output monitors always show same content



Avedio Links HDMI Splitter

VS



Others AB Switch Splitter
(Only support 1 output work)

Comprehensive troubleshooting guide addressing common issues like audio failure, flickering, and signal loss.

8. SPECIFICATIONS

Feature	Detail
Model Number	1x2 4K@30Hz
Product Dimensions	2.48 x 2.05 x 0.51 inches (approx.)
Item Weight	4.2 ounces
Supported Resolution	4K@30Hz, 1080p@60Hz, 3D, etc.
HDMI Version	HDMI v1.3/1.4
HDCP Version	HDCP1.4 (Not compatible with HDCP2.2)
Color Depth	12 bit/16 bit Deep Color
Audio Format Support	DTS-HD/Dobly-true HD/LPCM7.1/DTS/Dobly-AC3/DSD/HD(HBR)
Power Supply	5V 1A (via USB cable, adapter not included)
Manufacturer	avedio links
Country of Origin	China

9. MAINTENANCE

To ensure the longevity and optimal performance of your avedio links HDMI Splitter, please follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the device. Avoid using liquid or aerosol cleaners.
- **Storage:** Store the splitter in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Handle the device and its cables with care. Avoid bending or pulling cables excessively, as this can damage connectors.
- **Power:** Always disconnect the power cable when the device is not in use for extended periods.

10. WARRANTY AND SUPPORT

For detailed warranty information, please refer to the product packaging or contact avedio links customer support directly. You can also find additional resources and a downloadable PDF user manual via the link below:

[Download Full User Manual
\(PDF\)](#)

Connection Guide QR
Link

Troubleshooting Guide QR
Link

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