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› HDMI Switch 3 in 1 Out 4K@60Hz Instruction Manual

avedio links HDMI Switch 3 ports

HDMI Switch 3 in 1 Out 4K@60Hz Instruction Manual

MODEL: HDMI SWITCH 3 PORTS | BRAND: AVEDIO LINKS

1. Introduction and Overview

The avedio links HDMI Switch 3 in 1 Out is designed to streamline your home entertainment or office setup by allowing you to connect up to three HDMI source devices to a single HDMI display. This aluminum alloy switch supports high-resolution video and audio, ensuring a seamless experience without lag, flash, or resolution drops.

It is an ideal solution for managing multiple devices such as gaming consoles (PS3/4/5, Xbox), streaming sticks (Fire TV, Apple TV), Blu-ray players, and laptops, all connected to one TV, monitor, or projector. The device supports advanced video and audio technologies for an immersive viewing and listening experience.

2. Product Features

- **Upgraded HDMI Switch 3 Input 1 Output:** Easily streams video and audio from 3 different HDMI sources to 1 HDMI display. Designed for seamless transitions, avoiding frequent plugging and unplugging. *Note: This is an HDMI Switch (3 input, 1 output), NOT a splitter (does NOT support 1 input, 3 outputs).*
- **HDMI 2.0b Support 4K@60Hz:** Supports 4K@60Hz, HDCP2.2, HDMI 2.0b, 4K 3D HDR Color format RGB 8:8:8, Deep Color up to 12bit. Backward compatible with 4K@30Hz and 1080P. Offers high speed 18 Gbps/250 MHz refresh rate for clear and delicate display.
- **Premium Quality & Features:** Utilizes the latest chips and is constructed from durable aluminum alloy, providing anti-corrosion properties and resistance to overheating. Supports various audio formats including Dolby Atmos, Dolby Digital, DTS-HD, Dolby-TrueHD, DTS7.1, and Dolby-AC3, ensuring no distortion of audio or video.
- **Plug and Play:** No external power adapter is required. The switch obtains power directly from the

connected source devices through the HDMI ports.

- **Key-Press Switching:** Features a manual button for easy switching between input sources. *Note: Does not support automatic switching.*
- **Wide Compatibility:** Compatible with all HDMI 2.0 devices. Input devices include PS3/4/5, Apple TV, Fire TV, Blu-Ray players, DVD players, beamers, and laptops. Output devices include HD TVs, projectors, and monitors.

3. What's in the Box

- 1 x avedio links HDMI Switch 3 in 1 Out
- 1 x 4FT HDMI 2.0 Cable

4. Setup Instructions

Follow these steps to set up your HDMI Switch:

1. Connect the integrated HDMI cable from the switch's output port to an HDMI input port on your TV, monitor, or projector.
2. Connect your HDMI source devices (e.g., PS5, Nintendo Switch, Fire TV Stick) to the 'IN PUT1', 'IN PUT2', and 'IN PUT3' ports on the HDMI switch using HDMI cables.
3. Ensure that at least two or three of your input devices are powered on for the switch to receive sufficient power and operate correctly. No external power supply is needed.
4. For optimal 4K@60Hz resolution, it is recommended to use an input HDMI cable of $\leq 2\text{m}$ (6.5ft) and an output HDMI cable of $\leq 3\text{m}$ (9ft). For 1080P resolution, cables up to 5m (16ft) will be more stable.

Easily switch between 3 HDMI input devices

Without frequent plugging and unplugging and without
an external power supply

 **1 Monitor Only. No 2/3 Display..**



Diagram illustrating the HDMI switch connecting multiple input devices (Xbox, PlayStation, Nintendo Switch) to a single television display, highlighting its function as a selector.

3In 1 Out HDMI Switch

Supports 3 HDMI inputs to connect 1 monitor



NOT 1In 3Out HDMI Splitter



Two diagrams contrasting the HDMI switch's function: the top shows it connecting multiple inputs to one monitor (3-in-1 out), while the bottom shows it is NOT a splitter connecting one input to multiple monitors (not 1-in-3 out).

Wider Spacing for Easy Plugging



Increase the distance without blocking other ports.



Port-blocking, Fire Stick cannot insert



Image demonstrating the wider spacing between HDMI input ports on the switch, allowing for easier connection of various devices, including larger HDMI dongles like a Fire Stick, without blocking adjacent ports.

5. Operating Instructions

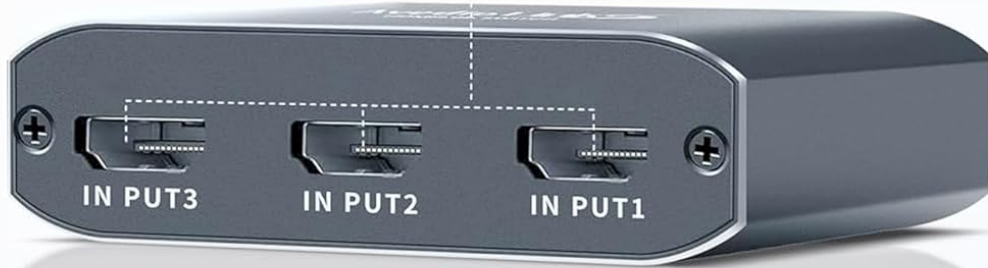
To switch between your connected HDMI devices:

- Press the 'Select' button located on the front of the HDMI switch.
- Each press of the button will cycle through the available input ports (IN PUT1, IN PUT2, IN PUT3).
- The indicator lights (1, 2, 3) next to the 'Select' button will illuminate to show which input port is currently active.

The switch does not support automatic switching; manual selection via the 'Select' button is required.



HDMI INPUT



Select Button



Indicator Light



HDMI OUTPUT



4K HDMI 2.0 cable(4FT) included

Resolution	Input Length	Output Length	AWG
4K@60Hz	≤2m/6.5ft	≤3m/9ft	26-28AWG
4K@30Hz	≤2m/6.5ft	≤3m/9ft	26AWG
1080P	≤5m/16ft	≤5m/16ft	24AWG

Detailed diagram of the HDMI switch, labeling its HDMI input ports (IN PUT1, IN PUT2, IN PUT3), select button, indicator lights, HDMI output port, and providing dimensions (0.55 inch height, 3.22 inch width, 2.24 inch depth). A table also shows recommended cable lengths for different resolutions.

6. Troubleshooting

If you encounter issues with your HDMI Switch, please refer to the following common solutions or consult the official [Troubleshooting Guide \(PDF\)](#).

- **No Signal / Flickering:**

- Ensure all HDMI cables are securely connected to both the switch and your devices/display.
- Verify that at least 2-3 input devices are powered on to provide sufficient power to the switch.
- Check the length and quality of your HDMI cables. For 4K@60Hz, use input cables ≤2m (6.5ft) and output cables ≤3m (9ft). Longer or lower quality cables may cause signal degradation.
- Try connecting the source device directly to the display to rule out cable or device issues.

• **Incorrect Input Displayed:**

- Remember that the switch does not support auto-switching. Manually press the 'Select' button to cycle to the desired input.
- Check the indicator lights on the switch to confirm which input is currently selected.

• **Audio Issues:**

- Ensure your display and audio system support the audio formats being transmitted.
- Verify that audio settings on your source device are correctly configured.

7. Specifications

Feature	Detail
Model Number	HDMI Switch 3 ports
Product Dimensions	7.68 x 7.28 x 0.98 inches
Item Weight	4.6 ounces
Color	Aluminum Alloy 4K@60Hz 3x1 Grey
Connector Type	HDMI
Included Cable Type	4FT HDMI Cable
Manufacturer	avedio links
Supported Resolution	Up to 4K@60Hz
HDMI Version	HDMI 2.0b
HDCP Support	HDCP 2.2
Material	Aluminum Alloy

8. Maintenance

To ensure the longevity and optimal performance of your HDMI Switch, follow these simple maintenance guidelines:

- Keep the device clean by wiping it with a soft, dry cloth. Avoid using liquid cleaners or aerosols.

- Do not expose the switch to extreme temperatures, humidity, or direct sunlight.
- Avoid dropping or subjecting the device to strong impacts.
- Ensure proper ventilation around the switch to prevent overheating, although its aluminum alloy construction aids in heat dissipation.

9. Warranty and Support

For any product-related inquiries, technical support, or warranty information, please contact avedio links customer service. You may also refer to the official [Troubleshooting Guide \(PDF\)](#) for additional assistance.