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NEWCARE HDMI-3x1

NEWCARE HDMI 2.0b Switch 3 in 1 Out User Manual

Model: HDMI-3x1

PRODUCT OVERVIEW

The NEWCARE HDMI 2.0b Switch 3 in 1 Out is designed to easily stream video and audio from up to three HDMI devices to a single HDMI display such as an HD TV, monitor, or projector. This switch supports UHD 4K@60Hz, Ultra HD 3D 1080P, HDCP 2.2, HDR, and high performance up to 18.5Gbps, ensuring superb picture quality and seamless sound. It features both auto-switching and manual switching options via a built-in IR remote control or a button on the device.



Image: The NEWCARE HDMI 3x1 Switch, showcasing its compact design and the included remote control. The switch has three input ports and one output port.

FEATURES

- **3 in 1 Out HDMI Switch:** Connects up to three HDMI source devices to one HDMI display.
- **Latest HDMI V2.0b Version:** Supports 4Kx2K @60Hz HDR, 3D 1080P, HDCP 2.2, and color format RGB: 8:8:8.
- **High Performance:** Up to 18.5Gbps bandwidth for superb picture quality and seamless sound.
- **Auto-Switching & Manual Switching:** Easily switch inputs via IR remote control (up to 16ft distance) or a manual button on the device.
- **Premium Structure:** Made of tough Aluminum material, anti-corrosion, and durable.
- **Audio Support:** Supports DTS:X / Dolby Atmos / Dolby Digital / DTS-HD / Dolby-trueHD / LPCM7.1 / Dolby-AC3 / DSD HD(HBR) / PCM.

PACKAGE CONTENTS

Please verify that all items are present:

- NEWCARE HDMI 2.0b Switch 3 in 1 Out (Model: HDMI-3x1)
- IR Remote Control
- High Speed 3.9 FT HDMI Cable
- USB Power Cable (DC 5V)
- User Manual (this document)

SETUP INSTRUCTIONS

1. **Connect HDMI Input Devices:** Plug up to three HDMI source devices (e.g., Xbox, PS4, Blu-ray player, laptop) into the "IN PUT 1", "IN PUT 2", and "IN PUT 3" ports on the NEWCARE HDMI Switch.
2. **Connect HDMI Output Display:** Connect your HD TV, monitor, or projector to the "OUT PUT" port on the HDMI Switch using an HDMI cable.
3. **Power Connection:** Connect the provided USB power cable to the "DC 5V" port on the HDMI Switch and plug the other end into a USB power source (e.g., a USB wall adapter, TV USB port, or game console USB port). While some setups may power the switch via HDMI, a dedicated power connection is recommended for stable performance, especially with 4K content.
4. **Remote Control Preparation:** Before first use, remove the transparent note paper inserted in the battery compartment of the IR Remote Control.



Image: Connection diagram illustrating how to connect various HDMI input devices (Audio Embed, DVD/PS3/STB, Blu-Ray DVD, XBOX) to the HDMI switch's input ports, and how the switch's output connects to a display (Projector, HDTV, Monitor), along with the power connection.

HDMI SWITCH WITH IR REMOTE

Remotely Switch between 3 devices without leaving your comfortable couch



Image: A visual representation of the HDMI switch in a typical setup, showing a laptop, PS4, and TV box connected as inputs, and a large display as the output. The remote control is also depicted, highlighting its 16ft range.

OPERATING INSTRUCTIONS

Switching Inputs:

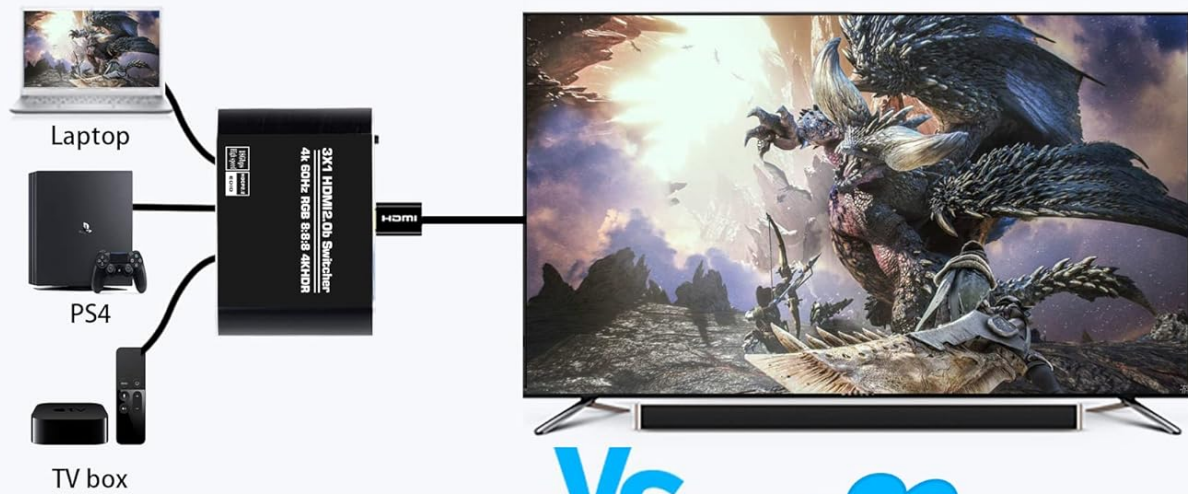
- **Automatic Switching:** The switch is designed to automatically detect and switch to the active HDMI input. If a new device is turned on, the switch will prioritize that input.
- **Manual Switching (Remote Control):** Use the numbered buttons (1, 2, 3) on the IR remote control to directly select the desired HDMI input. Ensure the remote is pointed towards the IR sensor on the switch.
- **Manual Switching (Device Button):** Press the "Select" button on the HDMI Switch itself to cycle through the available inputs (Input 1, Input 2, Input 3). The indicator lights (1, 2, 3) will show the currently active input.

Important Notes:

- Automatic switching of Apple devices (e.g., Apple TV) is not fully supported. Due to Apple TV's constant power state, it may prevent automatic switching. Manual selection is recommended for these devices.
- Ensure the source device is powered on for the switch to detect and display its signal.

MAKE LIFE SIMPLER

No more constantly plugging & unplugging when switch from one device to another



VS



Only 1 HDMI Port?



Image: Detailed view of the HDMI switch's ports and controls, including the power socket, IR sensor, output port, select button, and indicator lights for inputs 1, 2, and 3. The durable aluminum body is also visible.

Video Demonstration:

Your browser does not support the video tag.

Video: An official product video from NEWCARE demonstrating the features and functionality of the HDMI switch, including its metal shell, three input ports, remote control operation, and compatibility with various devices. The video highlights the 4K@60Hz support and seamless switching.

MAINTENANCE

- Keep the device in a cool, dry place, away from direct sunlight and high temperatures.
- Avoid exposing the switch to moisture or liquids.
- Clean the device with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- Ensure cables are securely connected but do not force them.
- If the remote control is not responding, check and replace its battery if necessary.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No video/audio output.	Loose cable connections, incorrect input selected, power issue, incompatible resolution.	Ensure all HDMI cables are securely connected. Verify the correct input is selected on the switch (using remote or button). Confirm the switch is receiving power (check indicator lights). Try a different HDMI cable. Adjust the resolution of the source device to a supported format (e.g., 1080p or 4K@60Hz).
Flickering screen or unstable signal.	Poor quality HDMI cable, signal interference, power fluctuations.	Use high-quality HDMI 2.0b certified cables. Ensure the switch is powered by a stable 5V USB source. Reduce cable length if possible.
Remote control not working.	Battery issue, IR sensor blocked, out of range.	Check if the transparent battery tab has been removed. Replace the remote control battery. Ensure there are no obstructions between the remote and the switch's IR sensor. Operate the remote within the 16ft range.
Automatic switching not working as expected (e.g., with Apple TV).	Device power management, specific device behavior.	Manually select the desired input using the remote or the button on the switch. For devices like Apple TV that remain powered in sleep mode, manual switching is often required.

SPECIFICATIONS

Model Number	HDMI-3x1
Product Dimensions	4 x 2.87 x 2.36 inches
Item Weight	5.9 ounces
Color	Black
Connector Type	HDMI
HDMI Version	HDMI 2.0b
HDCP Version	HDCP 2.2
Supported Resolution	UHD 4K@60Hz, 3D 1080P

Bandwidth	18.5Gbps
Supported Audio Formats	DTS:X / Dolby Atmos / Dolby Digital / DTS-HD / Dolby-trueHD / LPCM7.1 / Dolby-AC3 / DSD HD(HBR) / PCM
Compatible Devices	Blu-Ray Player, DVD Player, Gaming Console, Laptop, Monitor, Personal Computer, Satellite Receiver, Television

WARRANTY AND SUPPORT

NEWCARE provides lifetime technical support for this product. If you have any questions or encounter issues during use, please feel free to reach out to NEWCARE customer service.

For further assistance, please visit the official NEWCARE store or contact their support channels.

Note: Warranty terms and conditions may vary. Please refer to the product packaging or official NEWCARE website for the most up-to-date warranty information.