

KINIVO®

Kinivo 501BN 4K 30Hz HDMI Switch User Manual



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English: Thank you for choosing Kinivo. Our user manuals are available in multiple languages at <http://downloads.kinivo.com>



Français: Merci d'avoir choisi Kinivo. Nos modes d'emploi sont disponibles en plusieurs langues sur <http://downloads.kinivo.com>



Deutsch: Danke für die Wahl von Kinivo. Unsere Bedienungsanleitungen sind unter <http://downloads.kinivo.com> in mehreren Sprachen verfügbar



Español: Gracias por elegir Kinivo. Nuestros manuales de usuario están disponibles en varios idiomas en <http://downloads.kinivo.com>



Italiano: La ringraziamo per aver scelto Kinivo. I nostri manuali utente sono disponibili presso <http://downloads.kinivo.com>

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Thank You

Dear Customer,

Thank you for choosing Kinivo. Our company's goal is to provide high-quality products and attentive customer service to valued customers like you. We hope to meet and exceed your expectations! Our development team continues to work hard producing high-quality, innovative products that will help you stay on the leading edge. Be sure to look out for our new and exciting product line that can further improve your audio & visual experience.

Yours Sincerely,
Kinivo

Introduction

The Kinivo 501BN 4K 30Hz HDMI switch enables up to five HDMI source devices (Such as the DVD player, cable box, gaming console etc.) to be connected to a single HDMI input port on your HDTV or video projector. It can be used to expand the number of HDMI ports on a single

input HDMI equipped audio/video receiver. It is an easy, convenient and inexpensive solution to expand your home theater setup.

Important Safety Instructions

Please read instructions carefully before operation

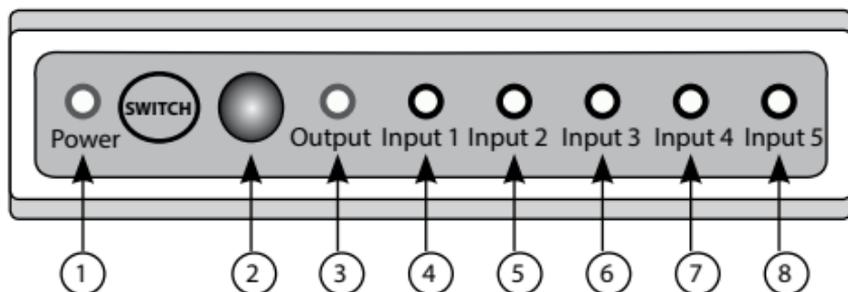
1. To prevent risk of electric shock, do not remove cover of the unit. Refer all servicing to qualified service personnel only.
2. Do not use the device near water.
3. Clean only with dry cloth.
4. Do not install or place this unit in a bookcase, built-in cabinet or in any other confined space. Ensure the unit is well ventilated.
5. To prevent risk of electric shock or fire hazard, do not block the unit's ventilation openings.
6. Do not install near any heat sources such as radiators, stoves, heat registers etc.
7. Unplug during lightning storms or when unused for a long period of time.
8. Protect power cord from being pinched, particularly near plug points.

9. Only use attachments/accessories specified by manufacturer.



Installation

Front and Side Panel Controls



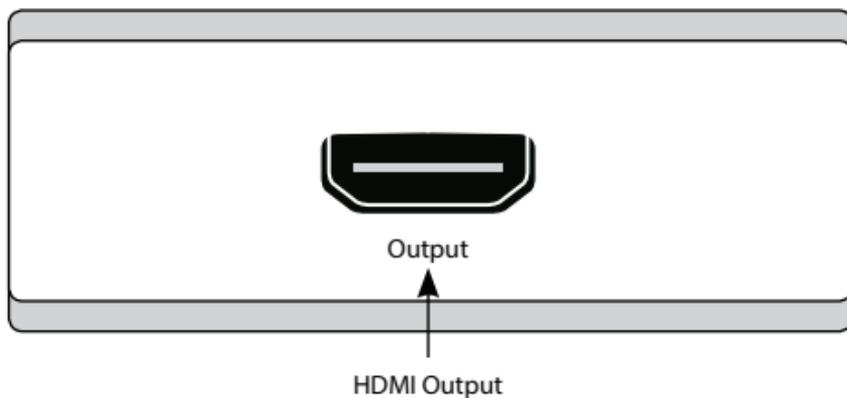
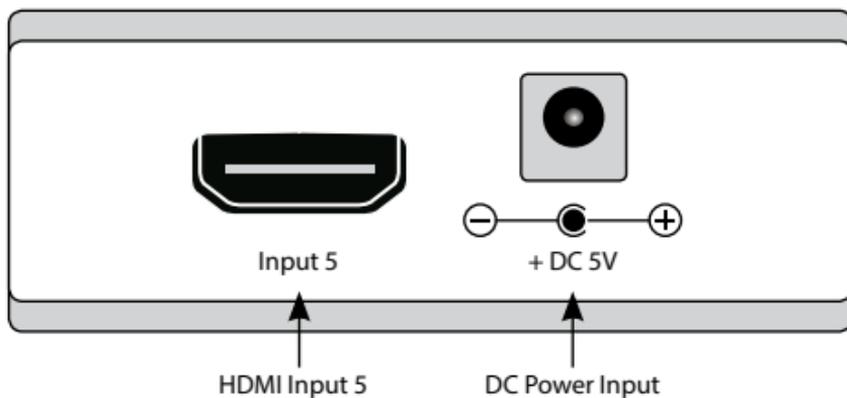
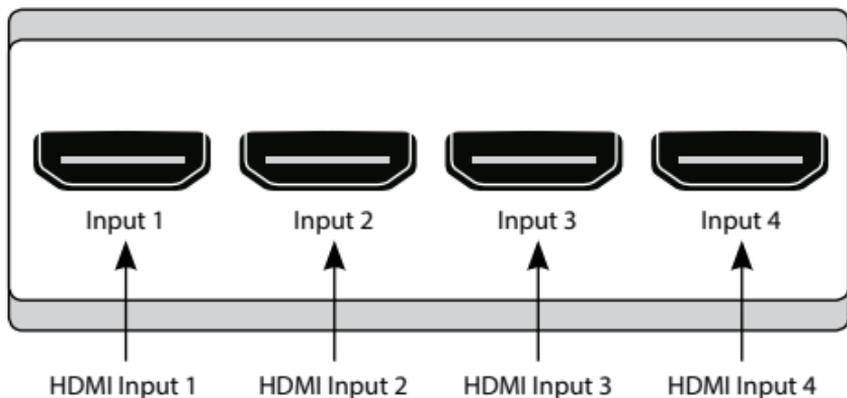
① Power Indicator

② IR Remote Sensor

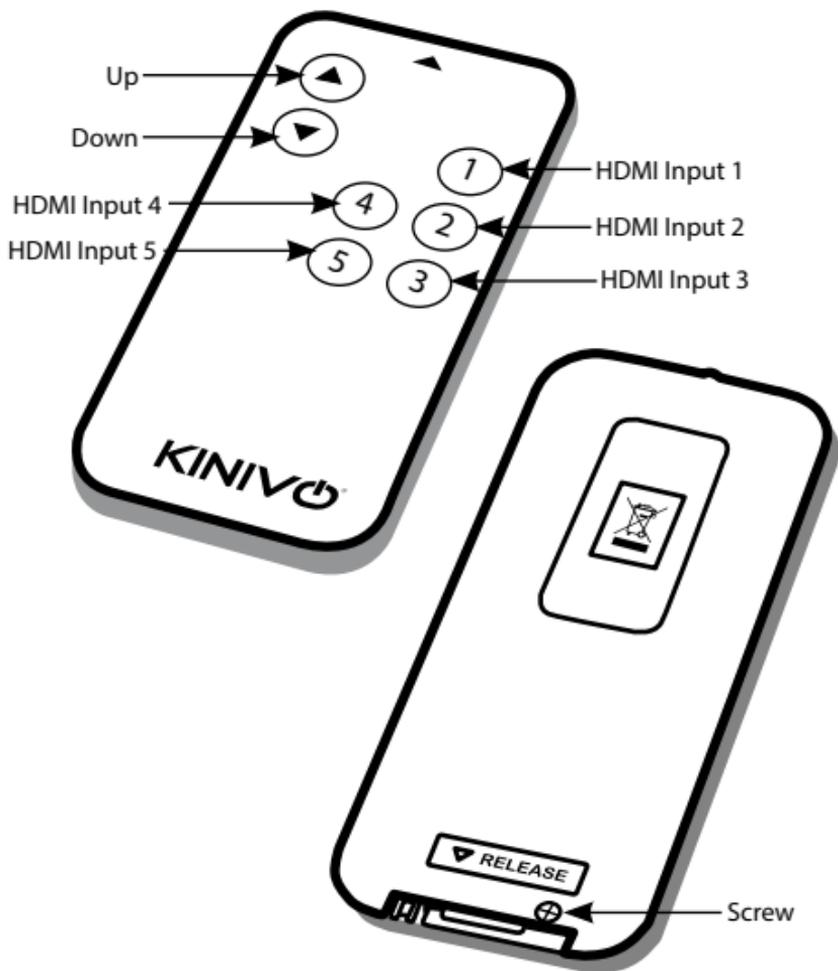
③ HDMI Output Indicator

④ to ⑧ HDMI Input Indicator

Back and Side Panel Connectors



Remote Control



1. Select a specific HDMI Input by choosing 1, 2, 3, 4 or 5
2. Press 'Up' or 'Down' buttons to select the previous or next input source.

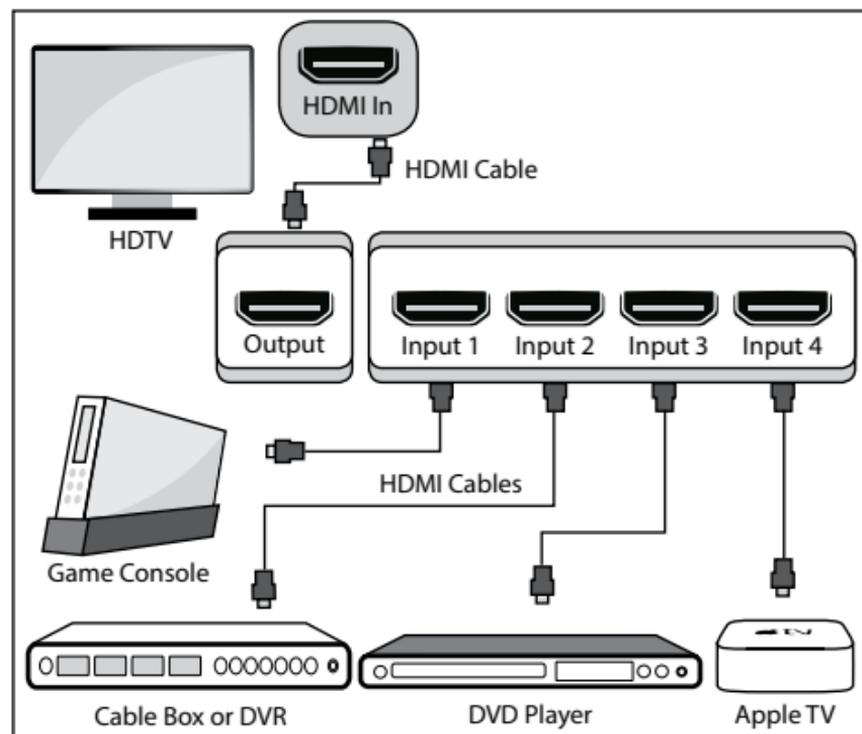
Note:

1. The remote control uses infrared light signal and requires direct line-of-sight to the IR Remote Sensor. Please make sure that the IR Remote Sensor is not blocked.
2. Please remove screw before opening the battery bay to replace the remote's battery.

Setup

1. Connect the output port of the HDMI Switch to HDTV or Projector using a HDMI cable (Note: HDMI cable is not included).
2. Connect Devices (Game Console, DVD Player, Streaming Media Player, etc) to the input ports on the HDMI Switch.
3. Plug the included power adapter to the HDMI Switch and connect it to a AC power outlet.

Connection Diagram



LED Indicators

| | Red | Blue | Green | No LED |
|-------------------|-------------------|----------------------------------|---|---------------------|
| Output LED | *N/A | Auto Switching Enabled (default) | Auto Switching Disabled (refer to section on page 12) | No Output Connected |
| Input LED | Non-selected Port | Selected Port | *N/A | No Input Connected |

***N/A: Not Applicable**

Operation

HDMI Input Indicators

The 501BN Switch has five HDMI Input indicator lights on its front panel. When the Switch senses audio/video transmission on one of its HDMI Input ports, the corresponding HDMI Input Indicator is illuminated in **Red** color. When an HDMI Input is selected for use, the

corresponding HDMI Input Indicator is illuminated in **Blue**. The HDMI Input Indicator is not lit when there is no input signal or no HDMI cable is connected.

Input Selection with the Front Panel Button

To select an HDMI input, press the '**SWITCH**' button on the front panel of the HDMI Switch. Each press of the button progresses to the next connected HDMI Input. Signal from the selected HDMI Input is sent to the Output port and its corresponding HDMI Input Indicator is illuminated in **Blue**.

Input Selection with the Remote Control

The **Up** and **Down** buttons on the remote control have the same function as the SWITCH button on the front panel. To select an HDMI Input, press the **Up** or **Down** button on the remote of the HDMI Switch. Pressing the 'Up' button will move to the previous connected HDMI Input. Pressing the 'Down' button will move to the next connected HDMI Input.

There are also direct input selection buttons on the remote control (Buttons 1, 2, 3, 4 & 5). Pressing each button selects the corresponding HDMI Input port, no

matter whether the port has active input signal or not.

Auto Switching

Automatic Input Selection

When the 501BN Switch is powered on for the first time, it senses input ports automatically and switches to the input port source automatically in the sequence 1 › 2 › 3 › 4 › 5. It bypasses input ports without signal. When a new device is turned on, the Switch automatically selects that input. For example, if cable box is powered on, the HDMI Switch will automatically switch to the cable box. Turn the currently selected device off and the Switch automatically selects the next higher numbered input that has an active signal (1 › 2 › 3 › 4 › 5...)

While Auto Switching is a convenient feature, it will not work with every HDMI input device, unfortunately, because some cable TV boxes, streaming devices, game consoles, and similar devices don't ever really turn off their HDMI signal, even when they appear to be turned off or asleep. These devices transmit a blank HDMI signal or black screen to the TV through our switch, even when asleep or turned off.

Here is a list of popular devices that do not support Auto Switching:

- **Amazon Fire TV**
- **Apple TV (all generations)**
- **Roku**
- **PlayStation 4, PlayStation 4 Pro**
- **Xbox One, Xbox One S, Xbox One X**

Enable or Disable Auto Switching

To disable Auto Switching, press and hold the “SWITCH” button on the front panel of the switch for 8 seconds. The HDMI Output LED will flash 4 times and turn **Green**.

To enable Auto Switching, press and hold the “SWITCH” button on the front panel of the switch for 8 seconds. The HDMI Output LED will flash 4 times and turn **Blue**.

Note: Auto Switching is enabled by default.

Specifications

| | |
|-----------------------|-----------------|
| Supported Resolutions | 4K 30Hz / 1080p |
| HDMI Version | 1.4 |

| | |
|-----------------------------|--|
| HDCP Compliant | Yes |
| Supported Audio Format | LPCM, Dolby-AC3, DTS7.1, DSD, Dolby TrueHD, DTS-HD |
| Operating Temperature Range | 41°F to 131°F |
| Operating Humidity Range | 5 to 90% |
| Product Dimensions | 6.9 x 2.5 x 1.0 Inches |
| Supported HDMI Cable Length | Up to 15 Feet |

Frequently Asked Questions (FAQ)

1. What do I do if I have a HDCP error?

HDCP errors are usually caused by syncing/handshake issues.

- Simply unplug all your devices from the Switch.
- Unplug the Switch from the power source.
- Replug all your devices and restart the entire set up

again. This should help resolve the issue.

2. What do I do if my switch is not working or there is no audio?

Steps to diagnose the device:

- Ensure all HDMI cables are completely inserted into the Switch. Loss of connection can cause issues.
- Make sure that the HDMI cables are working. Try a different HDMI cable to check if cable is the issue.
- Ensure input devices are powered on.
- Test with just one input device to diagnose. Check if the input device works directly with the TV. This will also help verify the HDMI cable. Try pressing the input number on the remote corresponding to where the input is connected.

3. What do I do if Auto Switching is not working as advertised?

Refer to **“Auto Switching”** section.

FCC Statement

This equipment has been tested and found to comply with limits for a Class B digital device, pursuant to Part

15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in residential installations. This equipment generates, uses, and can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause interference to radio or television equipment reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by

One or more of the following measures

- Reorient or relocate the receiving antenna.
- Move the equipment away from the receiver.
- Plug the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/television technician for additional suggestions. You are cautioned that any change or modifications to the equipment not expressly approved by the party responsible for compliance could void your authority to operate such equipment.

This device complies with Part 15 of the FCC Rules.

Operation is subjected to the following two conditions

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation. If the time arises to throw away your product, please recycle all the components possible. Batteries and rechargeable batteries are not to be disposed in your domestic waste! Please recycle them at your local recycling point. Together we can help to protect the environment.

Warranty

2 Year Limited Hardware Warranty.

Kinivo hereby warrants to the customer of record that this product is in good-working condition and free from defects in material or workmanship under normal use for a duration of 2 year after the date of purchase. The product has been tested to meet the highest quality standards in each testing category. In the unlikely event that the product proves to be defective, Kinivo will repair or replace the product free of charge. If replacement is required and if Kinivo then no longer carries the same product, then Kinivo reserves the right to substitute the

product with a replacement product of like quality and size, suitable for the intended use.

This warranty is limited to repair or replacement of the mentioned product only, is non-transferable and does not extend to any product damaged by misuse, natural disasters or any other circumstances beyond Kinivo's control. The warranty does not cover or provide for the reimbursement or payment of incidental or consequential damage resulting from breach of the limited warranty described above. Except for the limited warranty described above we offer no other warranties expressed or implied, and other than limited warranty expressly contained herein, we hereby disclaim any and all warranties, including without limitation any implied warranties of merchantability, suitability or fitness for a particular purpose.

If your product is not functioning or you have any concerns please contact Kinivo Support before returning the product.

Online Support / Contact Us

Please visit us at support.kinivo.com or www.kinivo.com for support information, downloads and how-to's. You may also reach us via email or live chat (details below).

Kinivo Product Support

US Toll Free Number: [1-855-454-6486](tel:1-855-454-6486)

Email : support@kinivo.com

Live chat : <http://support.kinivo.com>

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KINIVO®

2 year limited
hardware warranty

Kinivo Product Support

Online : <http://support.kinivo.com>

Email : support@kinivo.com

Designed in USA.

Assembled in China.

