

QUICK SETUP GUIDE

HDMI 3-Port Switch

NS-AV20SWTCH / NS-AV20SWTCH-C

PACKAGE CONTENTS

- HDMI 3-port switch
- AC power adapter
- 6 ft. (1.83 m) USB-A to USB-C cable
- Remote (with preinstalled battery)
- Double-sided tape (2)
- Quick Setup Guide

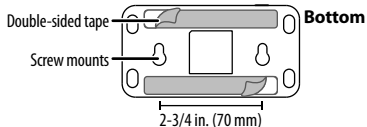
MOUNTING YOUR SWITCH (OPTIONAL)

You can mount your switch to a wall or secure it to a flat surface:

- Mount to a wall using two screws (not provided).

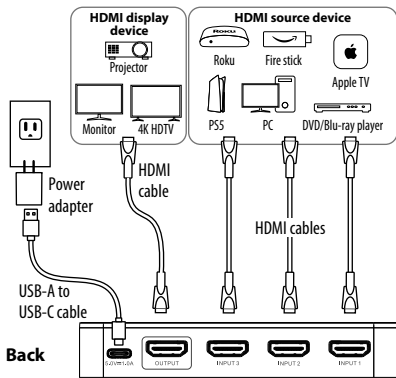
OR

- Secure to a flat surface using the provided double-sided tape to prevent sliding.



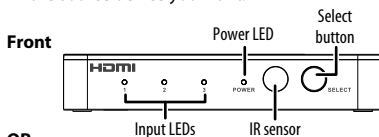
SETTING UP YOUR SWITCH

- 1 Connect HDMI cables (not included) from your source devices to your switch's **INPUT** ports.
- 2 Connect an HDMI cable from your TV, monitor, or projector to your switch's **OUTPUT** port.
- 3 Connect the USB-A to USB-C cable from your switch's 5V/1A (USB-C) port to the power adapter. The power and input LEDs turn red to show that they are connected.



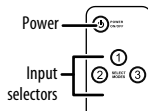
USING YOUR SWITCH

- 1 Turn on your TV and source device.
- 2 To select a source device, press the **SELECT** button repeatedly until the input LED lights for the source device you want.



OR

Press the number on your switch remote to select the HDMI source.



- 3 Use your source device as usual to play video and audio.

Note: You may leave the power on while not in use.

Input LEDs

The input LEDs, labeled 1-3 on your switch, correspond to the **INPUT** ports 1 through 3. The input LED for each turns red showing that the HDMI source is connected.

Note: If the LED blinks, this is an error. Make sure that the signal source is powered on. Or make sure that the HDMI cable from the signal source is properly connected and functioning correctly.

Auto switch function

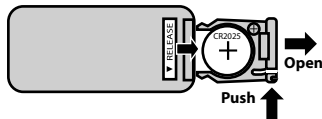
When a source device is turned on, your switch automatically detects and switches to that device's input. The automatic source detection is off by default.

- You can turn the auto switch function on or back off by pressing and holding the **SELECT** button on your switch for three seconds while your switch is turned off.
- All four LEDs on the front panel blink twice to indicate that the auto switch function is turned off.
- All four LEDs on the front panel turn on for two seconds to indicate that the auto switch is turned on.

Note: Some devices don't output an on/off detection signal to activate the auto switch function on your switch. If this causes signal confusion, turn off the auto switch function.

CHANGING THE REMOTE BATTERY

- 1 Push in the tab on the battery tray, then pull out the tray.
- 2 Remove the old battery. Insert a new CR2025 battery with the + facing up, then slide the tray closed.



WARNING

- **INGESTION HAZARD:** This product contains a button cell or coin battery. A swallowed button cell or coin battery can cause **Internal Chemical Burns** in as little as 2 hours.
- **KEEP** new and used batteries OUT OF THE REACH OF CHILDREN.
- **Seek immediate medical attention** if a battery is suspected to be swallowed or inserted inside any part of the body.



- a) Remove and immediately recycle or dispose of used batteries and keep away from children. Do NOT dispose of batteries in household trash or incinerate.
- b) Even used batteries may cause severe injury or death.
- c) Call a local poison control center for treatment information.
- d) Insert a 3V CR2025 non-rechargeable battery with the + facing up. Non-rechargeable batteries are not to be recharged. Ensure the batteries are installed correctly according to polarity (+ and -).
- e) Do not force discharge, recharge, disassemble, heat above 50°C/122°F or incinerate. Doing so may result in injury due to venting, leakage, or explosion resulting in chemical burns.
- f) Remove and immediately recycle or dispose of batteries from equipment not used for an extended period of time according to local regulations.
- g) Always completely secure the battery compartment. If the battery compartment does not close securely, stop using the product, remove the batteries, and keep them away from children.

SPECIFICATIONS

- **Dimensions (L x W x H):**
2.44 x 4.72 x 0.85 in. (6.2 x 12 x 2.15 cm)
- **Weight:** .37 lbs (0.167 kg)
- **Input Port 1, 2, and 3:**
HDMI receiver (Type-A 19-pin female)
- **Output Port:**
HDMI transmitter (Type-A 19-pin female)
- **Video Amplifier Bandwidth:** 18Gbps
- **Power Supply with USB-A Connector:** DC 5V/1A
- **Operation Pixel Frequency Range:**
25MHz ~ 600MHz
- **Frame Rate:** Up to 4K @ 60Hz max.
- **HDMI Standard:** HDCP 2.2
- **Video Signal:** 12-bit deep full HD, 4K/2K video
- **IR Remote:** Manual

TROUBLESHOOTING

I don't see a picture on the output display.

- Make sure that all cables are plugged in correctly.
- Make sure that the power adapter is connected and plugged in.
- Make sure that all devices (source and display) are plugged in and turned on.
- Long HDMI cables may cause signal loss. Try a different, shorter HDMI cable.
- Make sure that no cables are damaged or severed.
- Make sure that you have selected the correct input device.

There is a picture on the display but no sound.

- Make sure that the HDMI cable is well connected.
- Make sure that your source output is HDMI.

The display is not 4K.

- Make sure that your source device supports 4K resolution.
- Make sure that your HDMI cable supports 4K specification.

Notes:

- Manufacturer reserves the right to make changes in the hardware, packaging, and any accompanying documentation without prior written notice.



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- NS-AV20SWTCH / NS-AV20SWTCH-C incorporates HDMI™ technology.
- Trademarks and brand names are the properties of their respective owners.

LEGAL NOTICES

FCC Statement

1. FCC Caution - §15.21:

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

2. FCC Statement - §15.105(b):

This equipment has been tested and found to comply with the 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 a residential installation. 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 harmful interference to radio or television 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.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

ONE-YEAR LIMITED WARRANTY

Visit www.insigniaproducts.com for details.

CONTACT INSIGNIA:

For customer service, call
1-877-467-4289 (U.S. and Canada)
www.insigniaproducts.com

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