



3 or 5 Port Video Switch

with

4K HDMI Resolution Support

Model 103075 - 3 Port

Model 103076 - 5 Port



User Manual



www.cablematters.com

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1. Introduction

1.1 Introduction

Thank you for your purchase from Cable Matters Inc., the 'Reliable Connectivity' company. This User Manual provides an overview of the features and installation of your new

3 or 5 Port Video Switch with 4K HDMI Support

For optimum performance and safety, please read these instructions carefully before connecting, operating or configuring this product. Please keep this manual for future reference. Please contact support@cablematters.com for questions or product support.

1.2 Copyright and Trademarks

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1.3 FCC Compliance Statement

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.

This device complies with part 15 of the FCC Rules. Operation is subject 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. FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. The device has been evaluated to meet general RF exposure requirement.

2. PRODUCT OVERVIEW

2.1 Package Contents

Please check that the following items are contained in the box:

- 1 x 3 or 5 Port Video Switch with 4K HDMI Support
- 1 x USB to DC Power Cable
- 1 x IR Transmitter Cable
- 1 x IR Remote with battery
- 2 x 4K- Rated HDMI Cables – 6 Feet
- 1 x User Manual

NOTE: Two HDMI cables are included. Additional cables are sold separately.

2.2 Product Description

The Cable Matters® 3 or 5 Port Video Switch with 4K HDMI Support connects up to 3 or 5 video sources to a TV, monitor or projector with HDMI. Easily switch to the desired source with the included remote.

NOTE: Illustrations are for both the 3 and 5 port models.

BLU-RAY PLAYER - GAMING CONSOLE - MEDIA STREAMER





2.3 Product Features

- Connect 3 or 5 video sources such as a Blu-ray player, gaming console or media streamer to an HDTV, monitor, or projector
- Switch between sources with the lightweight remote
- Ideal solution for an HDTV or monitor with only 1 HDMI port
- Switch can be concealed behind a TV with a 5 foot. IR cable
- Supports 4K resolutions up to 3840 x 2160 @ 30 Hz and 3D pass-thru
- Supports common video resolution settings such as 2560x1600, 1920x1200, 1920x1080, 1280x720
- Supports most Dolby Digital, DTS, and 5.1 or 7.1. surround sound audio
- HDCP compliant with HDCP compatible equipment
- Optional USB to AC power cable boosts the video and audio signals
- Two 6 foot HDMI cables included with the Switch

3. CONNECTION INSTRUCTIONS

3.1 Installation Checklist

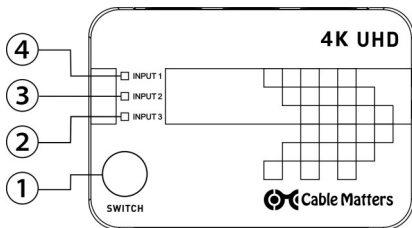
Please review these steps before installing the Video Switch.

- Power-off the source equipment and destination displays before connecting the Switch or any cabling
- The Switch must be located within 4 feet of a computer or TV USB port or wall adapter to use the optional USB power cable
- The IR cable must be located for line-of-sight to use the remote
- The recommended maximum total distance for the input and output HDMI cables is 50 feet including a max of 25 feet to the sources
- For the best performance at the maximum distance, use high quality 22-28 AWG HDMI cables
- 4K displays must be connected with an HDMI cable rated for 4K video

3.2 Panel Connections

- 1) Switch - Manual switching
- 2) Indicators for Inputs 1-3 (4-5)

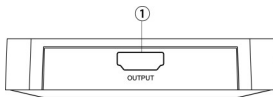
Note: LED Indicators are blue



FRONT PANEL CONNECTION

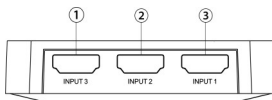
- 1) Video Output

Connect to an HDTV or monitor



REAR PANEL CONNECTIONS

- 1) Input 1
- 2) Input 2
- 3) Input 3

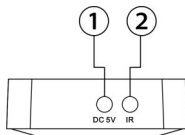


Video Input Source

Connect to a Blu-Ray player, gaming console or other HDMI Source

RIGHT PANEL CONNECTIONS

- 1) USB to DC Power cable (optional)
- 2) IR cable to for control by remote



3.3 Remote Installation

- Locate the IR cable face for line of sight with the remote
- Remove the plastic tab protecting the battery
- Push the release button on the left to pull out the battery tray



3.4 Connection Instructions

- 1) Power down all source equipment and the output display
- 2) Connect the IR cable to the HDMI switch and locate it where it will have line of sight of the remote
- 3) Connect all the video source input HDMI cables (DVD player, etc.)
- 4) Connect the display output HDMI cable (TV or display)
- 5) Power on all the equipment
- 6) Select the appropriate input channel (HDMI No.) on the TV or display
- 7) A blue LED will be lit when switched to an active input
- 8) Adjust the volume at the HDMI output display
- 9) Switch between video sources with the switch button or remote
- 10) If there is no signal or flickering, connect the USB power cable to a powered USB port or wall charger





3.5 Troubleshooting Tips

- Verify that all cables are securely connected
- Verify that correct HDMI cable is connected to the Output (TV)
- The blue LED should be lit when switched to an active input
- Connect the optional USB power cable to a powered USB port or a wall charger if there is no signal or flickering
- A TV USB port must supply at least 1 amp of power (some do not)
- Verify that the input video and output displays have compatible video resolutions (1080p, etc.)
- Verify that the input source is on the correct HDMI channel (TV)
- Connect equipment directly to test compatibility, if possible
- Test the HDMI cables by connecting directly with other equipment
- A 'Not Supported' error message may indicate that the equipment does not support HDCP or more than one output for content protected video
- 4K displays require an HDMI cable rated for 4K
- If the audio is not functioning, verify that the equipment supports audio and check the audio input source and output display settings

Contact **support@cablematters.com** with any questions



4. Technical Specifications Model 103075 & Model 103076

Switch Ports

Input (Model 103075)	3 x HDMI 19-pin Female
Input (Model 103076)	5 x HDMI 19-pin Female
Output	1 x HDMI 19-pin Female
IR	1 x 3.5mm IR Female
Power (optional)	1 x DC 5V

Remote Battery CR20205 Lithium

Video Resolution Support

Maximum	3840x2160 @ 30Hz
Compatible with	2560x1600, 1920x1200, 1920x1080, 1280x720

Audio Support 2 Ch/Dolby/DTS/5.1, 7.1 Surround Sound

Dimensions

Switch (L x W x H)	3.4 x 2.3 x 0.75 Inches
Switch Weight	2 Ounces
Remote (L x W x H)	3.3 x 1.5 x 0.25 Inches
Remote Weight	0.5 Ounces

Environmental

Operating Temperature	32°F to 104°F
Storage Temperature	-4°F to 140°F
Max Power Consumption	0.2W

Regulatory Approvals

Video Switch FCC, C E, RoHS

Warranty Limited One-Year



5. Warranty and Support

5.1 Customer Support and Contact Information

Cable Matters offers lifetime technical support as an integral part of our commitment to provide industry leading solutions.

Email us with any questions at [**support@cablematters.com**](mailto:support@cablematters.com).

5.2 Warranty Information

This product is backed by a limited one-year warranty. In addition, Cable Matters warrants its products against defects in materials and workmanship for the periods noted, following the initial date of purchase. During this period, the products may be returned for repair, or replaced with equivalent products at our discretion. The warranty covers parts and labor costs only. Cable Matters does not warrant its products from defects or damages arising from misuse, abuse, alteration, or normal wear and tear.

5.3 Limitation of Liability

In no event shall Cable Matters Inc. (including their officers, directors, employees or agents) be liable for any damages (whether direct or indirect, special, punitive, incidental, consequential, or otherwise), loss of profits, loss of business, or any pecuniary loss, arising out of, or related to the use of this product exceeding the actual price paid for the product. Some states do not allow the exclusion or limitation of incidental or consequential damages. If such laws apply, the limitations or exclusions contained in this statement may not apply to you.

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HDMI Extender over Cat 6

Model 103002



1 x 4 HDMI Splitter

Model 103074



Premium Certified
HDMI Cable

Model 300016

