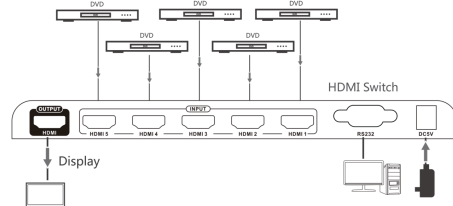


Installation

1. Connection



Connection illustration

1. Connect source devices to HDMI inputs on the unit
2. Connect display device to HDMI output of the unit
3. Connect the power adapter, unit power on and works
4. Choose your source signal via remote controller or RS232

RS232 serial port operation illustration

1. Baud rate: 9600bps
2. Order of RS232 serial port
- 1) HDMI 1 input: port 0R
- 2) HDMI 2 input: port 1R
- 3) HDMI 3 input: port 2R
- 4) HDMI 4 input: port 3R
- 5) HDMI 5 input: port 4R
- 6) Power ON: power onR
- 7) Power OFF: power offR

FAQ

Q: No image output?

- 1) Check the power supply of splitter and make sure the power light is on.
- 2) Check and make sure the HDMI cables are connected properly.
- 3) Check and make sure the display device has been set up to the right input.
- 4) While connect to a PC or notebook via HDMI, please make sure the output mode is set to mirror or extend.

Q: Display is unstable, splash screen, snowflakes or audio stuck?

- A: 1) Check and make sure all HDMI cables are properly inserted
- 2) Try to directly connect HDMI source to display, if it is the same, please change the source device.
- 3) Make sure only high-quality HDMI 2.0 cables are used for transmitting 4Kx2K UHD signal.

SPECIFICATION	HDMISW51
Input Ports	HDMI x 5
Output Ports	HDMI x 1
Input / Output Cable Length	≤5M (AWG26 HDMI Cable, Supports HDMI 2.0) / ≤10M (AWG23 HDMI Cable, Supports HDMI 2.0)
Video Support	480i@60Hz, 480p@60Hz, 576i@50Hz, 576p@50Hz, 720p@50/60Hz, 1080i@50/60Hz, 1080p@50/60Hz, 4Kx2K@24/25/30/60Hz
Audio Support	"Supports Standard Audio, DSD (Direct Stream Digital) & HD (HBR) Audio"
HDMI Version	Supports HDMI 2.0, HDMI 1.4
HDCP Version	Supports HDCP 2.2, HDCP 1.4
Video Format	Supports 12 bit Full HD Video, 3D Video & 4Kx2K 30/60Hz Ultra HD Video
Control	Supports IR Remote & RS232 Control
Maximum Transmission Rate	18Gbps
TMDS Signal	0.7~1.2Vp-p
DDC Signal	5Vp-p
Housing	Aluminum - Black
Dimensions (L x W x H)	218 x 79 x 20.5mm (8.6" x 3.1" x 0.8")
Weight	420g (0.9lb)
Power Input	5 Volt DC
Power Requirement	<5W
Operating Temperature	0 ~ 60°C (32° ~ 140°F)
Weatherproof Rating	Indoor Only
Certifications	FCC, CE, RoHS

FCC Compliance

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.

Northern*

HDMISW51

4K/60Hz HDMI 2.0 Switcher - 5 Channel



Installation & Quick Setup Guide

Northern* 2995 Foothills Blvd, Suite 200, Roseville, CA 95747 ♦ 855-388-7422 ♦ www.northernvideo.com
Rev. 041619

Product Introduction

This 5x1 switch routes 5 different sources at resolution of up to 4Kx2K@60Hz ultra HD to a single HDTV display. This unit is ideal for simultaneous connection of multiple HDMI devices, such as, HDTV, set top box, DVD etc. In addition, this unit can be controlled with the included IR remote or RS232 port. This is a flexible, easy to use system for entertainment, conference exhibition center and digital monitoring systems, etc.

Important safety notes

Please read below safety instructions carefully before installation and operation:

1. Please pay attention to all the warnings and hints on this device.
2. Do not expose this unit to rain, moisture and liquid.
3. Do not try to place any objects into the device.
4. Do not repair or open this device, there are no user serviceable parts inside.
5. Use product in a well-ventilated area to avoid damage from overheating.
6. Plug power to the device after all connections are made.
7. Remove power before disconnecting, reconnecting cables
8. Use DC5V power supply only. Make sure the specification matches if using adapters not supplied with this product.

Package Contents



Switch Unit x1



Remote controller



5V/1A Power Adapter x1



User Manual x1

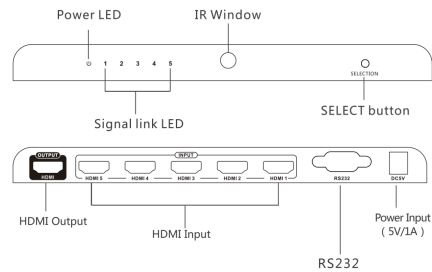
Installation Requirements

1. Source: HDMI Video Source such as DVD, PS3, STB, PC, etc.
2. Display: Display device like SDTV, HDTV, projector with HDMI port.
3. Cable: High Standard HDMI Quality (can support 4Kx2K).

Features


- Switch Easily Between 5 HDMI Sources
- Up to 4K UHD @ 60Hz Resolution
- Supports HDMI 2.0 / HDCP 2.2
- Supports HDR-10
- Supports IR & RS232 Control
- IR Remote Included
- Plug & Play Design
- 18 Gbps Transmission
- Includes Power Supply
- For Indoor Use Only

Panel Description



Remote controller



Press  to power on/off the unit. Press "<" and ">" buttons, to scroll forward or backward through channels. Press "1-5" number buttons, to choose any source device as needed.