

**PRO**ception

# HDMI SWITCH



## User Manual



PROHDMISW31 – 3 Input HDMI Switch

PROHDMISW51 – 5 Input HDMI Switch

Thank you for purchasing a PROception HDMI Switch. To ensure safety and correct operation, please read this manual carefully before using this product.

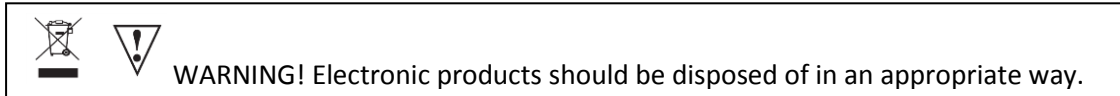
### **Box Contents:**

1. 1x HDMI Switch
2. 1x 5V DC Power Supply
3. 1x Switching Remote Control
4. 1x User manual

### **Installation and Precautions**

To avoid electric shock, product damage and to protect your safety, please observe the following:

- Ensure unit is powered off when installing or removing HDMI cables.
- Repeated installation / removal of HDMI cables may damage the unit.
- The unit should not be placed in direct sunlight, rain, damp or unventilated areas.
- Liquid items should not be placed near the unit.
- Do not install the unit near sources of heat.
- Do not insert metallic or conductive objects in the unit.
- Unit should be installed by a qualified professional.



Please note: Pictures and technical parameters in this manual are for reference only.

## **Product Description:**

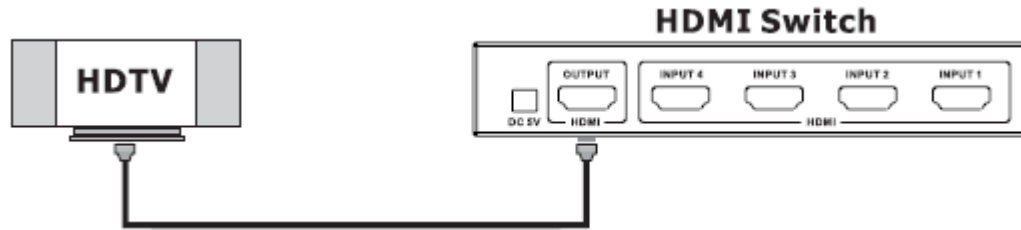
A HDMI Switch is used to switch multiple HDMI Inputs (eg. DVD Player, Set-Top Box, PC, etc) to one output such as a HDTV. Switching is supported by either the push button on the front of the device or by the included remote control.

## **Features**

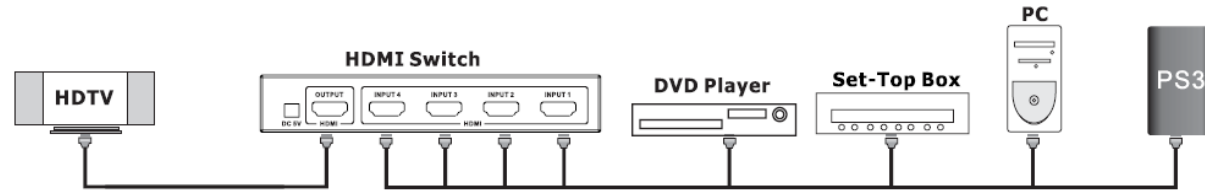
- Full HD 3D Support.
- Full HD 1080p Support.
- x.v.Colour (xvYCC) Support.
- dts-HD Audio Support.
- High Definition Content Protection (HDCP) V1.2.
- Consumer Electronics Control (CEC) Support.
- Resolution up to 1920\*1200, including 720i, 720p, 1080i, 1080p.
- Compatible with DVI, using a HDMI to DVI adapter (sold separately).
- Compact design for space saving.
- Metal case for interference shielding.
- Remote control to change input.
- LED indicator to show port in use.
- Automatic switching when a HDMI input is detected.

### Connection Diagram:

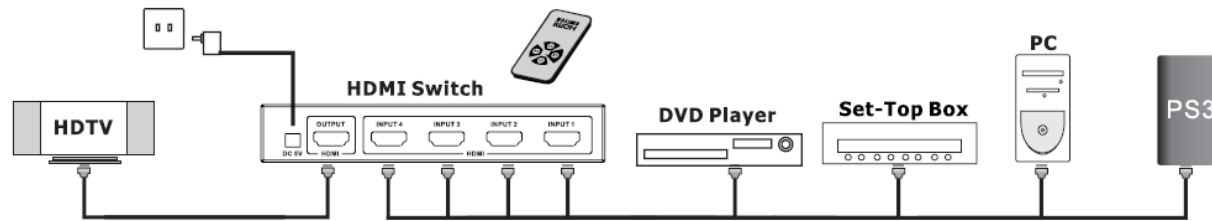
1. Connect a HDMI output, such as a HDTV to the 'OUTPUT' connection using a HDMI cable.



2. Connect one or more source devices to the 'INPUT x' connection using a HDMI cable.



3. Connect the power supply to the 'DC 5V' connection.

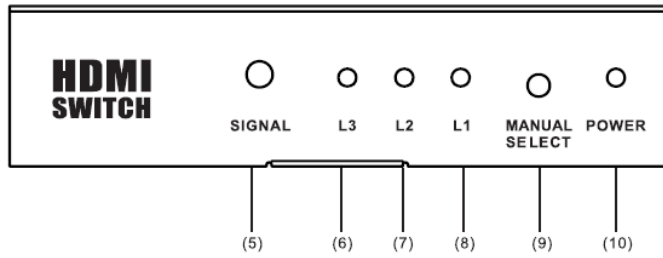
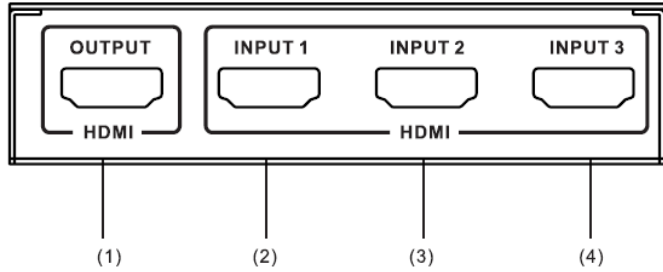


4. Once all connections have been made, plug the power supply in to the wall socket to power the unit, then turn your devices on.

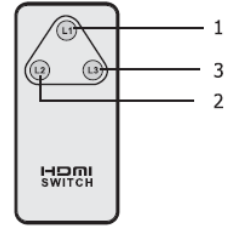
**Technical Parameters:**

Product	5x1 HDMI Switch	3x1 HDMI Switch
HDMI Source Input Port	5	3
Display Device Output Port	1	1
Source Port Connector	19 pin HDMI	19 pin HDMI
Display Device Port Connector	19 pin HDMI	19 pin HDMI
HDCP Compliant	Yes	Yes
Source Device Selection	Push Button or IR Remote Control	Push Button or IR Remote Control
Input Video Signal	0.5-1.0 Volts P-P	0.5-1.0 Volts P-P
Input DDC Signal	5 Volts P-P(TTL)	5 Volts P-P(TTL)
Deep Color	12 Bit	12 Bit
Single Link Range	1920*1200	1920*1200
Bandwidth	Up to 340Mhz	Up to 340Mhz
Signal Speed	Up to 10.2Gbps	Up to 10.2Gbps
The length of input cable	PS3 ≤ 10M; BLUE DVD ≤ 10M	PS3 ≤ 10M; BLUE DVD ≤ 10M
The length of output cable	≤ 25M	≤ 10M
Vertical Frequency Range	60Hz	60Hz
Power Consumption(max.)	3 Watts	1.5 Watts
Operation Temperature	0°C to 70°C	0°C to 70°C
Working Voltage	DC 5V	DC 5V
Power Adaptor	5V 1A	5V 1A
Net Weight	274g	132g
Dimension: L*W*H(mm)	150*65*26	100*48*24.5

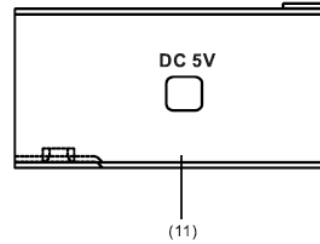
# Technical Details: PROHDMISW31



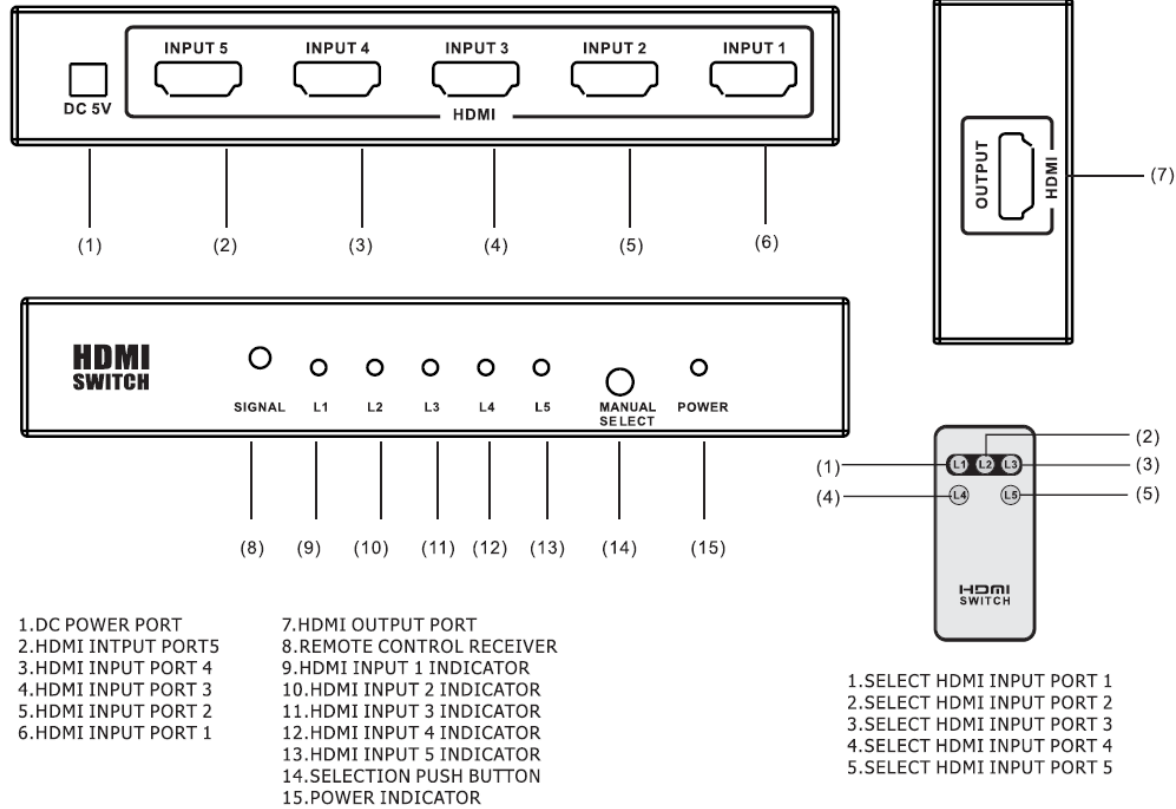
- 1.HDMI OUTPUT PORT
- 2.HDMI INPUT PORT 1
- 3.HDMI INPUT PORT 2
- 4.HDMI INPUT PORT 3
- 5.REMOTE CONTROL RECEIVER
- 6.HDMI INPUT 3 INDICATOR
- 7.HDMI INPUT 2 INDICATOR
- 8.HDMI INPUT 1 INDICATOR
- 9.SELECTION PUSHBUTTON
- 10.POWER INDICATOR
- 11.DC POWER PORT



- 1.SELECT HDMI INPUT PORT 1
- 2.SELECT HDMI INPUT PORT 2
- 3.SELECT HDMI INPUT PORT 3



## Technical Details: PROHDMISW51



- 1.DC POWER PORT
- 2.HDMI INTPUT PORT5
- 3.HDMI INPUT PORT 4
- 4.HDMI INPUT PORT 3
- 5.HDMI INPUT PORT 2
- 6.HDMI INPUT PORT 1

- 7.HDMI OUTPUT PORT
- 8.REMOTE CONTROL RECEIVER
- 9.HDMI INPUT 1 INDICATOR
- 10.HDMI INPUT 2 INDICATOR
- 11.HDMI INPUT 3 INDICATOR
- 12.HDMI INPUT 4 INDICATOR
- 13.HDMI INPUT 5 INDICATOR
- 14.SELECTION PUSH BUTTON
- 15.POWER INDICATOR

- 1.SELECT HDMI INPUT PORT 1
- 2.SELECT HDMI INPUT PORT 2
- 3.SELECT HDMI INPUT PORT 3
- 4.SELECT HDMI INPUT PORT 4
- 5.SELECT HDMI INPUT PORT 5

