

# USER MANUAL

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# HDMI Bidirectional switch

## DEAR CUSTOMER

Thank you for purchasing this product. For optimum performance and safety, please read these instructions carefully before connecting, operating or adjusting this product. Please keep this manual for future reference.

## 1.0 INTRODUCTION

This is a kind of high performance HDMI Switch. It can switch either of two sources to one display or switch one source to either of two displays. Press the switch button to select channel 1 or channel 2. With a piece fixed HDMI cable (pigtail) this converter not only reduces cost but also save time for customers. This kind of HDMI Switcher routes high definition video (in multiple resolutions up to 1080p) and digital audio from the sources to display units.

## 1.1 FEATURES

This HDMI Switcher has many features that enable it to perform in a superior manner. Among those features you will find:

- HDMI bidirectional switch, it can switch either of two sources to one display or switch one source to either of two displays
- Support highest video resolution 1080p
- Supports 250MHz/2.5Gbps per channel (7.5Gbps all channels) bandwidth
- Supports 12bit per channel (36bit all channels) deep color
- HDCP pass-through
- Support uncompressed audio such as LPCM
- Support compressed audio such as DTS Digital, Dolby Digital (including DTS-HD and Dolby True HD)
- Support 3D all format, including 1080p@23.98/24Hz, 720p@59.94/60Hz, bandwidth up to 250MHz.

## 2.0 SPECIFICATIONS

<b>Signal Inputs/Output</b>	
Input DDC Signal	5 volts p-p (TTL)
Maximum Single Link Range	1920X1080p
Output Video	HDMI
<b>Operating Frequency</b>	
Vertical Frequency Range	50/60Hz
Video Amplifier Bandwidth	2.5Gbps/250MHz

<b>Resolutions(HDTV)</b>	
Interlaced(50&60Hz)	480i,576i,1080i
Progressive(50&60Hz)	480p,576p,720p,1080p
<b>Warranty</b>	
Limited Warranty	1 Year Parts and Labor
<b>Environmental</b>	
Operating Temperature	0 °C to +70°C
Operating Humidity	10% to 85 % RH (no condensation)
Storage Temperature	-10°C to +80°C
Storage Humidity	5% to 90 % RH (no condensation)
<b>Power Requirement</b>	
External Power Supply	No power needed
Power consumption (Max)	5W
<b>Regulatory Approvals</b>	
Converter Unit	FCC,CE,UL
<b>Accessories Adapter</b>	
User Manual	

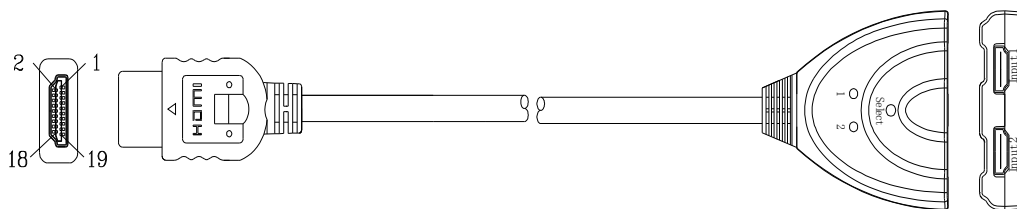
**Note:** Specifications are subject to change without notice.

### 3.0 PACKAGE CONTENTS

Before attempting to use this unit, please check the packaging and make sure the following items are contained in the shipping carton:

- Main unit.
- User's Manual

### 4.0 PANEL DESCRIPTIONS



### 5.0 CONNECTION AND OPERATION

- 1) Connect the HDMI input sources or HDMI displays to the HDMI switcher.  
(Input cables are optional)  
\*Please refer to connection diagram section.
- 2) Connect the fixed HDMI cable (pigtail) to display or HDMI sources.
- 3) Press the "select" button to select input sources or HDMI displays.

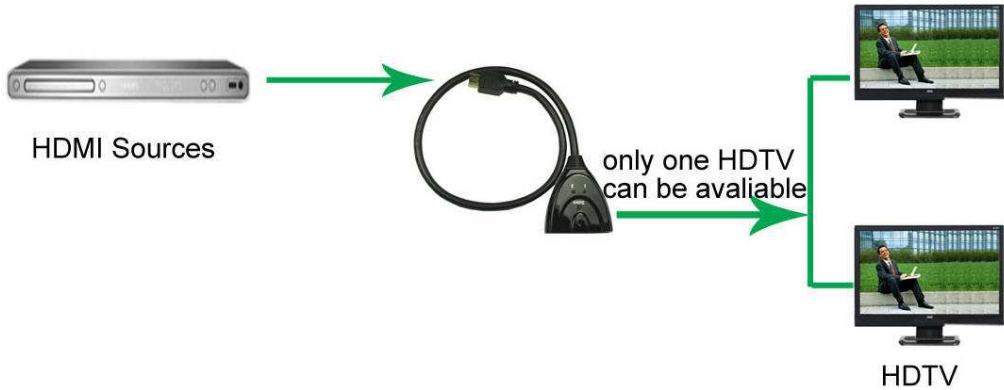
Attention: Insert / Extract cable gently.

### 5.1 CONNECTION DIAGRAM

- 1, You can connect the HDMI sources to the two HDMI inputs and connect the HDMI display to the HDMI male port. Then, press the "Select" button to select one input source from two.



- 2, You can also connect the HDMI Displays to the two HDMI inputs and connect the HDMI sources to the HDMI male port. Then, press the "select" button to select one HDMI display from two.



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