

# USER MANUAL

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# HDMI UHD Switcher 3X1 Pigtail

## 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 Switcher. It can easily switch three sources to one display. It not only has the key-press-switching function, but also has intelligent function. With one fixed HDMI cable (pigtail) this adapter not only reduces cost but also saves time for consumers.

This kind of HDMI Switcher routes high definition video (in multiple resolutions up to 4kx2k) and digital audio from any one of the three sources to display units. All inputs accommodate the connections of the high definition video sources simultaneously, compatible well for HD-DVD, SKY-STB, PS3, Xbox360 etc. The output sends the high definition audio/video signals to a high definition display.

## 1.1 INTELLIGENT FUNCTION

- 1) Once the source device is turned on or plugged in (should stay power-on mode), the switcher will automatically select this source.
- 2) Once the source device is turned off or plugged out, the switcher will select the next power-on source depending on the sequence automatically.

### Note:

- 1) When the source devices are on the stand-by mode, its power supply should be turned off, otherwise this switcher can not meet intelligent function.
- 2) When plugged in or out, this switcher is completely intelligent.

## 1.2 FEATURES

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

- Multifunctional on switching : intelligent or mechanical
- Supports highest video resolution 4KX2K@60HZ
- Supports 600MHz/6Gbps per channel (18Gbps all channel) bandwidth.
- Supports 12bit per channel (36bit all channel) deep color.
- HDCP pass-through.
- Supports uncompressed audio such as LPCM.
- Supports compressed audio such as DTS Digital, Dolby Digital (including DTS-HD and Dolby True HD)
- Support 3D all format

## 2.0 SPECIFICATIONS

<b>Signal Inputs/Output</b>	
Input DDC Signal	5 volts p-p (TTL)
Maximum Single Link Range	4KX2K@60HZ
Output Video	HDMI
<b>Operating Frequency</b>	
Vertical Frequency Range	50/60Hz
Video Amplifier Bandwidth	18Gbps/600MHz
<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	

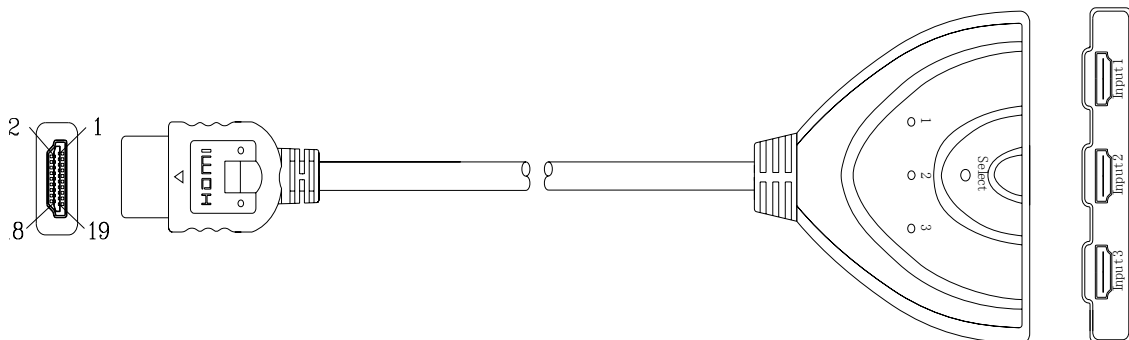
**Note:** Specifications are subject to change without notice.

## 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 into the HDMI switcher. (Input cables are optional)  
\*Please refer to connection diagram section.
- 2) Connect the fixed HDMI cable (pigtail) to display.
- 3) Press the “select” button to select input sources.

**Attention: Insert / Extract cable gently.**

### 5.1 CONNECTION DIAGRAM

