

USER MANUAL

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The HDMI Amplifier Switcher

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 Amplifier Switcher. This kind HDMI Amplifier Switcher not only has the key-press-switching function, but also has intelligent function.

This kind of HDMI Amplifier Switcher routes high definition video (in multiple resolutions up to 1080p) and digital audio from any one of the several 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 automatically 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 Amplifier 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
- Support HDMI1.3b
- Support highest video resolution 1080p.
- Support 250MHz/2.5Gbps per channel (7.5Gbps all channel) bandwidth.
- Support 12bit per channel (36bit all channel) 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)

2.0 SPECIFICATIONS

Signal Inputs/Output	
Input DDC Signal	5 volts p-p (TTL)
Maximum Single Link Range	1920X1080p
Output Video	HDMI 1.3b
Operating Frequency	
Vertical Frequency Range	50/60Hz
Video Amplifier Bandwidth	2.5Gbps/250MHz
Resolutions(HDTV)	
Interlaced(50&60Hz)	480i,576i,1080i
Progressive(50&60Hz)	480p,576p,720p,1080p
Mechanical	
Size(L-W-H)	86×44×16mm
Weight(Net)	42g
Warranty	
Limited Warranty	1 Year Parts and Labor
Environmental	
Operating Temperature	0℃ to +70℃
Operating Humidity	10% to 85 % RH (no condensation)
Storage Temperature	-10℃ to +80℃

Storage Humidity	5% to 90 % RH (no condensation)
Power Requirement	
External Power Supply	No power needed for standard product
Power consumption (Max)	5W
Accessories Adapter	
User Manual	English Version

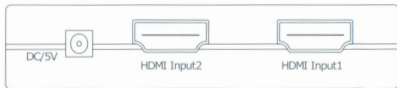
Note: Specifications are subject to change without notice.

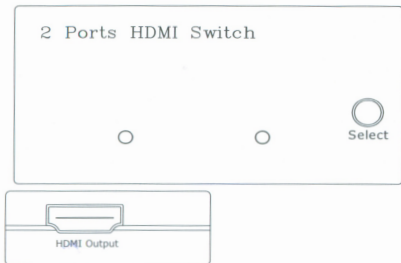
3.0 PACKAGE CONTENTS

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 source into the HDMI switcher. (Input cables are optional)
*Please refer to connection diagram section.
- 2) Press the button to select the inputs
- 3) For too long HDMI cable (over 5metres), it is recommended to give a 5V DC power supply (optional) to the switch unit.

Attention: Insert / Extract cable gently.

5.1 CONNECTION DIAGRAM

