

RoHS  
Compliant



## Description

This is a high performance mini HDMI Amplifier Switcher. This kind of HDMI Amplifier Switcher not only has the key-press-switching function, but also has the IR remote control and intelligent function. That is to say, as soon as the power supply of the source equipment is switched, this switcher will respond automatically. In addition, it is equipped with standard IR extender receiver: safe and convenient.

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.

## Features

- Multifunctional on switching : intelligent or mechanical
- IR extender receiver (included)
- IR remote(included)
- Supports highest video resolution 1080p.
- Supports 250MHz/2.5Gbps per channel (7.5Gbps all channel) bandwidth.
- Supports 12bit per channel (36bit all channel) deep colour.
- HDCP pass-through.
- Support 3D all format, including 1080p@23.98/24Hz, 720p@59.94/60Hz/50Hz, bandwidth up to 250MHz.

## Specifications

Signal Inputs/Output	
Input DDC Signal	5 volts p-p (TTL)
Maximum Single Link Range	1920X1080p
Output Video	HDMI
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
Environmental	
Operating Temperature	0°C to +45°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>	
Power Supply	No power needed
Power consumption (Max)	5W
<b>Warranty</b>	
Limited Warranty	12 Months
<b>Accessories Adapter</b>	
User Manual	

## Intelligent Function

- 1) When supplied with power, this switcher will select the power-on source device depending on the sequence automatically (input1>input2>input3)
- 2) Once the source device is turned on or plugged in (should stay power-on mode), the switcher will automatically select this source.
- 3) 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(input1>input2>input3 )

### 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.

## Connection And Operation

Before installation, please make sure all devices you wish to connect have been turned off.

- 1) Connect the HDMI input source into the HDMI switcher. (Input cables are optional)
- 2) Turn on the power.

### Note:

- 1) Please make sure to cut off the power before insert IR Extender into the Converter.
- 2) Please make sure to insert the plug of IR Extender into the Converter completely.

## Part Number Table

Description	Part Number
3 to 1 HDMI Auto Switch with Remote	PSG08414

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