



# **USER    MANUAL**

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**4x1 HDMI Switch 4Kx2K  
with Picture-in-Picture (PiP ) Function  
JHS22/4X1/4K**

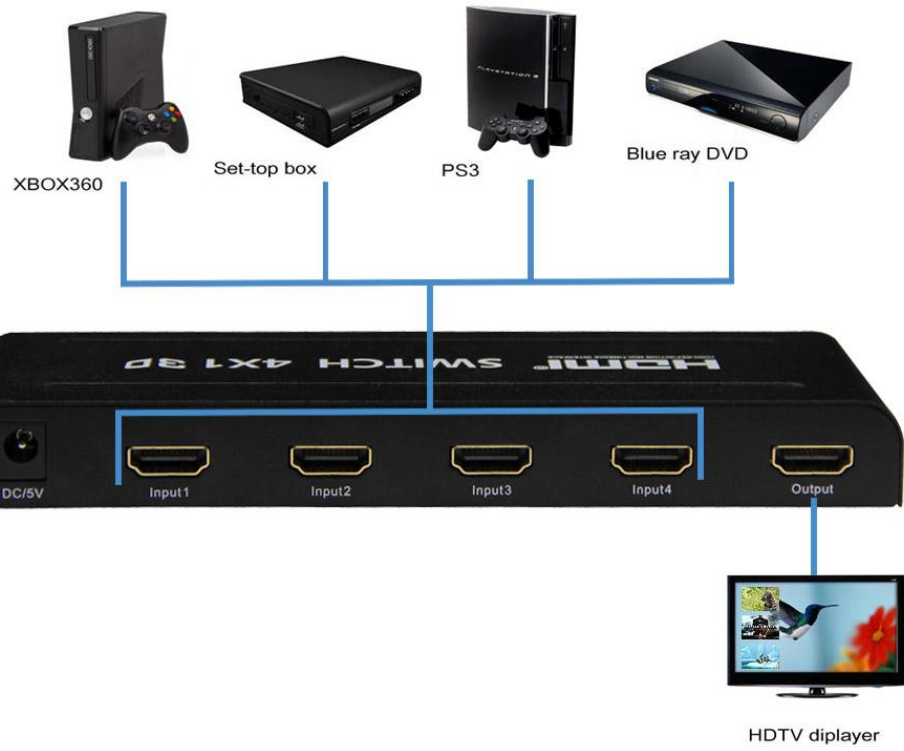
**Enjoy the vivid world!**

## INTRODUCTION

This 4x1 HDMI switch makes the user gets live picture-in-picture (PiP ) video preview of each connected device, which makes it simple and intuitive to switch among the cable box, the disc player, the game console, any other HDMI connected sources. It supports all HD formats including 720p, 1080i, 1080p, 4Kx2K, thus it's more suitable for home theater systems.

picture-in-picture (PiP ) video preview





## New special features:

- \* Switched quickly, Switch one input source to the other input source quickly
- \* With InstaPor technology, this product achieves quick switching among input sources. and gets big advantages compared to the previous switcher which needs to wait for a period of time in the switching process.
- \* picture-in-picture (PiP ) video preview
- \* HDMI 1.4b, support 3D, 4Kx2K

## ● Features

- Support HDMI1.4b
- Support 3D
- Support video resolution up to 4Kx2K @ 30Hz
- Support 3.2Gb data rate for tmds clock up to 320Mhz
- Support 24/30/36 bit deep color
- Support single and high definition display for multiple sources, such as DVD Players and Satellite Receivers, Digital Projectors, A/V Receivers, TV Boxes
- 5V/1A power supply
- Picture-in-picture (PiP ) function
- Switched quickly , Switch one input source to the other input source quickly

## Specifications

HDMI version	HDMI 1.4b
HDMI resolution	UP TO 4K x 2K @ 30Hz
Video format	24/30/36 bit deep color
Support audio format	DTS-HD/Dolby-trueHD/DTS/Dolby-AC3/DSD
Max bandwidth	320MHz
Max baud rate	3.2Gbps
Input cable distance	≤15m AWG26 HDMI standard cable

Output cable distance	≤15m AWG26 HDMI standard cable
Max working current	300mA
Power adapter format	input:AC (50HZ, 60HZ) 100V-240V; Output: DC5V/1A
Operating temperature range	(-15 to +55℃)
Dimension (LxWxH)	178x58x20 (mm)
Weight	220g

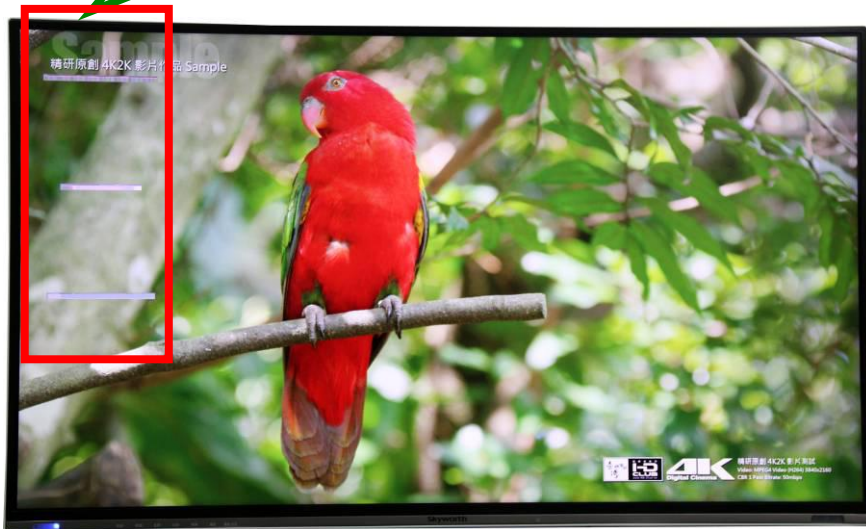
## Notes

1. When the Resolution is over 1080P,the switcher does not support PiP function.
2. What this manual said “4K mode “ refers to a resolution higher than 1080P @ 60Hz.
- 3.In the non-4k mode, when a new signal source put in, it will appear a new source of input preview on the left of the screen.
- 4.In PiP function, the 3 small screens are with fixed size on the left of the main screen
- 5.In PiP function, the positons of small pictures are corresponding fixed with their input sources



Picture 1:“1080p mode”

In "4K mode", there are small pics in corresponding position.



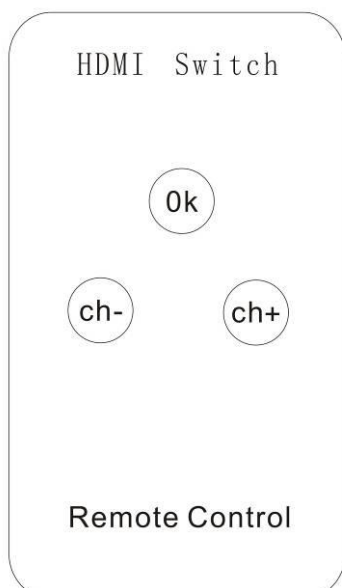
Picture 2: "4K mode"

### Button on unit :

This product has two buttons: "OK" button and "Select" button.

"OK" button has a pop-up interface and determine the PiP function .

"Select" button has a function to select input source. Press "Select" button and "OK" Button to switch the input source .



### Keys on remote Control :

There are three remote control keys : Ok , ch+ , ch-

"Ok" key has a pop-up interface and



determine the PiP function .

Ch+ ,ch- keys are as the selection keys

### **Keys on remote control operating Instructions:**

1, Press the “OK” key, TV displayer will appear the 3 pcs small screens on the left and the main display screen

2, press “ch+” and “ch-” to select , and press the “OK” key to confirm, and the main display screen will quickly switch to the selected input source.

If there is no operation over 25 seconds, the small screens will disappear automatically.

### **Physical Connection Showing Picture**

1:



2:



### **Operating and Connecting**

Step 1: Connect the HDMI source device and HDMI switcher input ports with 4 HDMI cables

Step 2: Connect HD displayer device (monitor or projector) and HDMI switch output port with 1 HDMI cable

Step 3: Connect 5V/1A power adapter to the HDMI switch .

## **The Package includes:**

- 1. HDMI Switch**
- 2. IR Remote Control**
- 3. 5V DC Power adapter**
- 4. User Manual**