

正面---

4K HDMI SEAMLESS SWITCHER

USER MANUAL

Catalogue

1. Description 01

2. Features 01

3. Packing List 01

4. Panel Diagram 02

4.1 Front Panel 02

4.2 Rear Panel 03

5. Connection Diagram 04

6. How to Use 05

7. Specification 09

8. Others 11

Description

This 4K seamless switcher supports 4 HDMI input devices sharing 1 HDMI monitor. Allow seamless switch between with 4K high resolution and Synchronized audio and video output. Supports switching by panel button, IR remote, RS232 command and auto-scan. Plug and play, works without lag.

Features

- Output resolution up to 3840*2160@30Hz
- Supports 4 HDMI inputs, 1 HDMI output
- Seamless switch between 4 displays without lag
- Supports 3.5mm audio extractor for speaker or headphone
- Switching Methods: panel button, IR remote, RS232 command and auto-scan
- Support signal automatic detection and priority output after access to the source

Packing List

Model	4 PORT
Item	4K HDMI Seamless Switch x1
	12V Power Adapter x1
	IR Remote x1
	User Manual x1
	Sponge Foot Pad x4

-1-

Panel Diagram

4.1 Front Panel

Mark	Name	Description
OFF/ON	BUTTON	OFF for power off, ON for power on
IN1-IN4	BUTTON	Manually switching from input 1 to input 4
AUTO	BUTTON	Long Press: exchanging output resolution Short Press: setting auto scan intervals
1-4	LIGHT	Indicators for input 1 to input 4
AUTO	LIGHT	Indicator for auto scan signal
IR	RECEIVER	Receiving signal from IR remote

-2-

4.2 Rear Panel

Mark	Name	Description
IN1-IN4	Input Connector	HDMI input connectors for input 1 to input 4
OUT	Output Connector	HDMI output connector
AUDIO	Output Connector	3.5mm audio output connector
RS232	Command Connector	Control connector for RS232 command
DC 12V	Power Connector	12V power input

-3-

Connection Diagram

Note:
Please make sure your cables, source devices and target screen all support 4K@30Hz if you want 4K high definition.

-4-

How to Use

1. Plug in all the cables, turn on the power. Then all the light indicators are on, wait for a few seconds for detection. Last, the current input light remains on, the rest will light off.

2. Switching Method
2.1 Button Switching
Button "IN1~ IN4"
Manually press the "IN 1 ~ IN 4", the corresponding indicator light-on, means switching finished.

-5-

反面---

Button "AUTO" Short pressing the button "AUTO", then the "AUTO" light indicator is on means turning on the auto-scan status and being able to set the auto-scan intervals. Auto-scan would automatically skip the non-connected input ports. The available time intervals are "5 seconds- 8 seconds- 12 seconds- OFF". Each time short pressing the "AUTO" will set the intervals as the below sequence. Also, it is available to stop auto-scan by other panel buttons, IR remote buttons or RS232 commands.

Long pressing the button" AUTO" can exchange the resolution within 3840x2160@30Hz, 1920x1080@60Hz, 1366x768@60Hz, 1280x720@60Hz.

-6-

2.2 IR Remote Switching

Reminder:
Other unspecified keys are invalid keys with undefined functions

-7-

2.3 RS232 Command Switching

Specification Setting:
Baud: 115200
Data Bit: 8
Stop Bit: 1
Check Bit: None

Command	Function	Description
:SET:HDMI:IN-CHANNEL: x	Set the input channel	X: can be input 1 to input 4
:GET:HDMI:IN-CHANNEL	Set the current in input channel	none
:SET:OSD: x	Set the OSD screen	X can be 0 or 1 0: OSD screen on 1: OSD screen off
:SET:HDMI-OUT: RESO: X	Set the output resolution	X can be 0-3 (0-3 represents the four resolution modes)
:SCAN:TIMER:EN: x	Set the auto-scan intervals	X can be the four time intervals: 0, 5, 8, 12

-8-

Specification

Mode	4 PORT
Input Interface	HDMI Female x4
Output Interface	HDMI Female x1
Control Interface	RS232-DB9 Femalex1
Input resolution	3840x2160@30Hz、1920x1080@60Hz、1366x768@60Hz、1280x720@60Hz
Output resolution	3840x2160@30Hz、1920x1080@60Hz、1366x768@60Hz、1280x720@60Hz
Color Space	8/10/12bits
Video Format	RGB/YcbCr444/YcbCr422/YcbCr420(input)
Audio Output	3.5mm stereo
Bandwidths	18Gbps
HDCP Version	HDCP1.4
HDMI Version	HDMI1.4
CEC	None
EDID Standard	Auto recognition
Dolby Vision	Supported
HDR	Supported
3D Vision	Supported

-9-

Cable Connection

Cable Connection	Suggested within 5m
Compatible System	Windows series/Mac...
Hot Plug	Supported
Switching Method	IR remote(panel button/RS232/auto-scan
Static Protection	±8KV(air gap discharge)
Power Supply	12V/1A
Light Indicator	Blue
Operating Temperature	0℃-55℃
Storage Temperature	-20℃-60℃
Size	253.3×104×32MM
Shell Material	Metal

-10-

Others

Method of using buttons to turn on hidden functions:

Mark	Name	Description
IN1	Button	Press IN1 and ON/OFF simultaneously for turning on or turning off Auto-switch function(Please turn off the Auto-switch function if you need Power-Off Memory Function)
IN2	Button	Press IN2 and ON/OFF simultaneously for turning on or turning off OSD screen
IN3	Button	Press IN3 and ON/OFF simultaneously for indicating the current resolution
AUTO	Button	Press IN4 and ON/OFF simultaneously for the factory default setting: A Resolution:1920x1080@60Hz B HDMI Input: Input 1 C OSD Screen on Auto-scan Function on(Screen will automatically switch to the current plugged-in device, or switch to the previous power-on device if the current input is unplugged)

-11-

-12-

单页：90×110mm