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J-TECH DIGITAL JTECH-8KSW21P 2 Input 1 Output 8K HDMI Switcher User Manual

Contents

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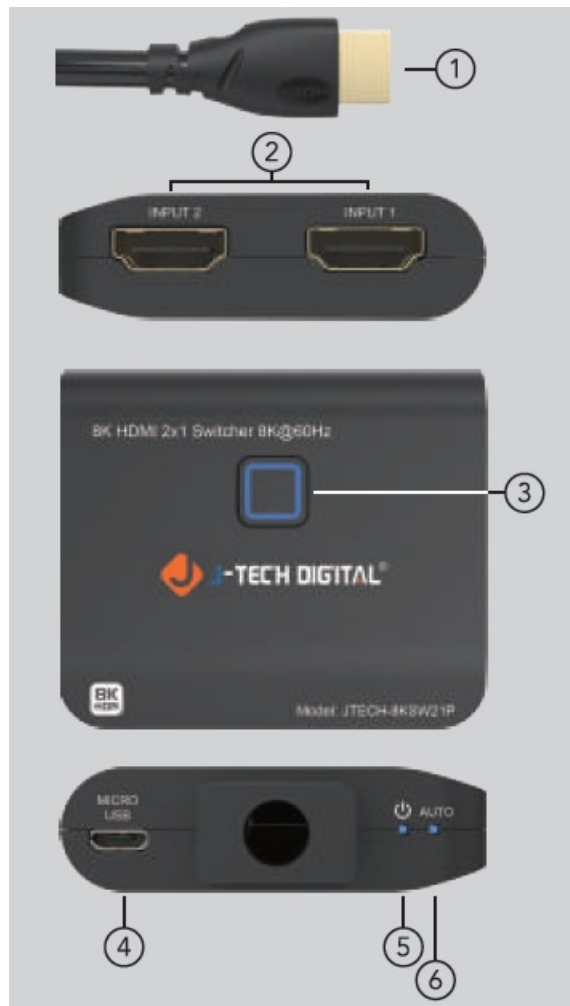
What's included

Main Unit

USB Power Cable

Ports and Interfaces

1.

HDMI Male Port: HDMI Output Port

2. INPIJT1-2: HDMI Input Port 1-2

3. SELECT: Short pre.,. to char,ge the input channel, long press the ""lect bLilton fur 3-5 second• to change the Auto Mode and Manual Port Switching Mode LED States Light green means select the input1 port to the output Light blue m"ens oelectthe input2 port to the output

4. Micro-USB: Connect to power for the 5Witd, ie the Micro-USB Port

5. PDWI!r LED Indicator

6. AUTO: Auto Mode LED Indicator, ON is In Automatic Port Switching Mod"; OFF is in Manual Port Switching Mode

Connection Diagram

Introduction

The 2 port HDMI™ Switch supports 8K@60Hz (7680x4320p @ 60Hz) resolution, and lets you share a display or projector with two HDMI"™-enabled video sources. The switch features two independent inputs that each support 8K resolution and 7 .1 surround sound audio. You'll be amazed at how this video switch maintains Ultra HD picture quality! SK is supported by the latest AN devices and delivers four times the resolution of 4K. Plus, because the switch is backward compatible with Ultra HD 4K and high-definition 1080p, you can rest assured that any video looks great in your digital application. Enjoy hassle-free operation with three different switching modes:

1. Manual Port Switching: Enables you to manually select your HDMI™ source with easy-to-use panel button

2. Automatic Port Switching: Enables your most recently activated video source to be displayed automatically.

3. Features an Automatic and Manual Switching mode change function and IR receiver on/off function via long pressing the switch button for 3 and 6 seconds to meets your needs

Features

- HDMI Switch with manual / automatic port switching, Switch between manual and automatic port switching modes via long pressing the selector button for 3-5 seconds
- Supports high-definition resolution I BK@60Hz 4:4:4, 4K@120Hz, and 1080P@240Hz
- Supports 1200MHz/12Gbps per channel bandwidth (48Gbps all channels}
- Supports 12bit per channel (36bit all channels) deep color
- Supports HDCP 2.3, and is backwards compatible with HDCP 2.2 and HDCP 1.4
- Supports High Dynamic Range (HDR) video pass-through, including HDR10/HDR10+/Dolby vision etc.
- Supports VRR (Variable Refresh Rate), ALLM (Auto Low-latency Mode), and OFT (Quick Frame Transport) function
- Built-in Equalizer, Retiming, and Driver
- Supports Consumer Electronics Control (CEC)
- Automatic switching (smart function) and manual switching
- Supports uncompressed audio such as LPCM
- Supports compressed audio such as DTS, Dolby Digital (including DTS-HD Master Audio™ and Dolby TrueHD)

Specification

- Input Ports HDMIx2
- Output Ports HDMI x1
- Vertical Frequency Range 50/60/100/120/240Hz
- Video Amplifier Bandwidth 12Gbps/1200MHz per channel(48Gbps all channels)
- Interlaced(50&60Hz) 480i,576i,1080i
- Progressive(50&60Hz) 480p,576p, 720p, 1080p,4K@24/30Hz,4K@50/60/120Hz, 8K@24/30/50/60Hz
- Limited Warranty 1 Year Parts and Labor
- Operating Temperature O"C to 70″C
- Storage Humidity 5% to 90% RH non-condensation
- Power Supply USB Power Cable
- Power Consumption (Max} SW
- Splitter Unit Cert FCC, CE, RoHS
- Power Supply Cert FCC, CE, RoHS
- Power Adapter Standard US, EU, UK, AU Standard etc,

- Dimension(L.xWxH) 65.5*55.S*16mm
- Net Weight 96g
- Material ABS
- User Manual English Version

Note: Specifications are subject to change without notice.

Troubleshooting

Problems	Causes	Solutions
Power light is off and product is not working	Is the power adapter and USB power cable properly connected	Please check if the power adapter and USB power cable is connected properly
Screen splash	HDMI cable may not be HDMI 2.1 specification or the cable is too long	Please use the standard HDMI 2.1 cable, the input/output cable length does not exceed 2M at 8K/60Hz 4:4:4, 4K@60Hz can reach SM to 5M

HDMI

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Documents / Resources

	J-TECH DIGITAL JTECH-8KSW21P 2 Input 1 Output 8K HDMI Switcher [pdf] User Manual JTECH-8KSW21P, 2 Input 1 Output 8K HDMI Switcher, JTECH-8KSW21P 2 Input 1 Output 8K HDMI Switcher, JTD-2936