Manuals+ — User Manuals Simplified.

J-TECH DIGITAL JTD-3008 HDMI Splitter 4K 60Hz 1X4 Multi-Resolution Output

J-TECH DIGITAL JTD-3008 HDMI Splitter 4K 60Hz 1X4 Multi-Resolution Output User Manual

Contents

J-Tech DIGITAL ®

J-TECH DIGITAL JTD-3008 HDMI Splitter 4K 60Hz 1X4 Multi-Resolution Output

Product Information

Specifications

- **Model:** JTECH-4KSP4
- **Product Type:** 1×4 4K 60Hz HDMI Splitter with downscaling
- **Resolution** Support: Up to 4K@60Hz 4:4:4, HDR10, Dolby Vision
- **HDCP** Compliance: 2.3
- **Features:** Signal equalizer, EDID pass-through, firmware upgrade support

Product Usage Instructions

Introduction

- The JTECH-4KSP4 HDMI splitter allows you to distribute one HDMI input signal to up to 4 HDMI displays simultaneously.
- It supports various video resolutions and features to enhance your audio/visual experience.

Package List

- 1x 18G Splitter
- 1x Power Adapter (5V DC 1A)
- 1x User Manual

Features

The device supports HDMI video resolutions up to 4K/60Hz 4:4:4, HDR10, and Dolby Vision. It is HDCP 2.3 compliant and includes a built-in signal equalizer for longer HDMI cable use.
Other features include EDID pass-through, downscaling from 4K to 1080p, and firmware upgrade support.

Panel Description

- **Power LED:** Red light indicates power status
- **HDMI Input** LED: Blue light shows connected HDMI input device
- **HDMI Input:** Type-A female port for HDMI source connection

- **Downscale On/Off:** Enables the downscaling function
- **DC/5V: USB-C** port for power
- **Output LEDs:** Blue lights indicate connected HDMI outputs
- **HDMI Outputs:** Four Type-A female ports for HDMI display connection

Down-Scaling

- The product supports downscaling from 4K input to 1080p output for compatibility with 1080p displays. Refer to the provided chart for details.

System Connection

- Follow the user manual instructions for proper system connection setup ensuring all devices are connected securely and powered on.

FAQ (Frequently Asked Questions)

How do I perform a firmware upgrade on the JTECH-4KSP4?

To perform a firmware upgrade, visit the official J-Tech Digital website and download the latest firmware version for your device. Follow the instructions provided in the firmware upgrade guide to complete the process successfully.

Can I connect multiple sources to the HDMI splitter?

No, the JTECH-4KSP4 is designed to distribute one HDMI input signal to multiple displays simultaneously. Connecting multiple sources may result in signal interference or malfunction.

What is the warranty coverage for the JTECH-4KSP4 splitter?

The product comes with a limited warranty. For detailed warranty information, refer to the warranty section in the user manual or contact J-Tech Digital support for assistance.

Safety Instructions

- Before using this product, please carefully read the following safety instructions to ensure its proper use and keep this manual for future reference:
- To prevent electric shock, do not attempt to open the product.
- Only qualified personnel should perform any repairs or maintenance.
- Always place the product on a stable, flat surface to prevent it from falling.
- Do not expose the product to water, moisture, or high-humidity environments to avoid the risk of damage.
- To prevent damage from direct sunlight or high temperatures, do not expose the product to such environments.
- Do not place the product near heat sources like radiators, heat registers, stoves, or other heat-producing apparatus.

- Do not place any objects on top of the product to avoid damage.
- Use only the attachments and accessories specified by the manufacturer.
- During lightning storms or prolonged periods of disuse, unplug the power supply to prevent damage.

Introduction

- Thanks for selecting the JTECH-4KSP4 1×4 HDMI splitter for your A/V solutions.
- This device lets you simultaneously distribute one HDMI input signal to up to 4 HDMI displays.
- It supports HDMI video resolutions up to 4K@60Hz 4:4:4, HDR10, Dolby Vision, firmware upgrades, and is HDCP 2.3 compliant.
- A built-in signal equalizer provides you with the option of using longer-range HDMI cables.
- Other features include EDID pass-through and 4K to 1080p downscaling

Package List

- 1x 18G Splitter
- 1x Power Adapter (5V DC 1A)
- 1x User Manual

Features

- Supports HDMI video resolutions up to 4K/60Hz 4:4:4, HDR10, and Dolby Vision. HDCP 2.3 compliant.
- A built-in signal equalizer allows for the use of longer-range HDMI cables.
- EDID copy priority follows Output1>Output2>Output3> Output4.
- 4K to 1080p downscaler function.
- Supports convenient firmware upgrades.

Panel Description

- **Power LED:** A red light appears when the device is powered on
- **HDMI Input LED:** Blue light indicates a connected HDMI input device
- **HDMI Input:** Type-A female HDMI input port to connect the HDMI source
- **Downscale On/Off:** Enables down-scaling function
- **DC/5V:** USB-C port for power
- **Output LEDS:** Blue lights indicate connected HDMI outputs
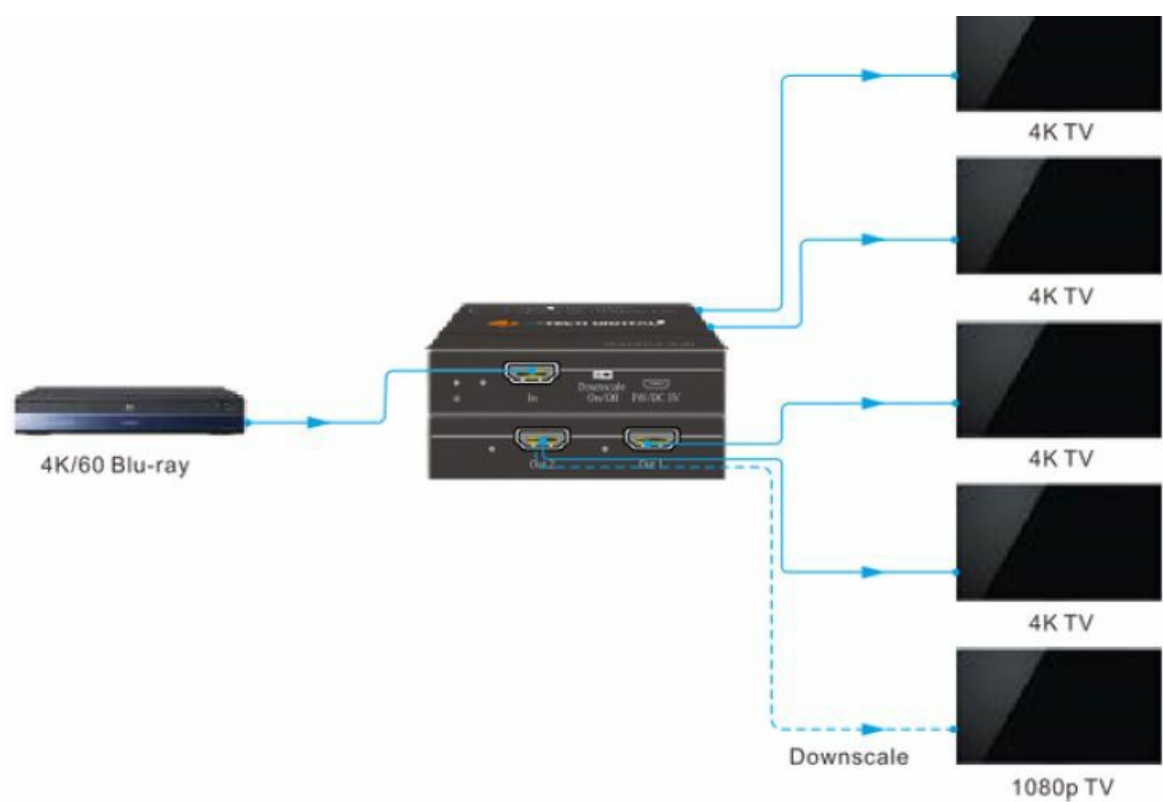- **HDMI Outputs:** Four Type-A female HDMI output ports to connect to HDMI Display

Down-Scaling

Video Resolution Down-scaling

- The product supports video resolution down-scaling, the 4K input can be automatically degraded to 1080p output for compatibility with 1080p display, shown in the below chart.

#	Input			Output	
	Resolution	Refresh	Color Space	Downscale	1080p Specs
1	3840x2160	60Hz	4:4:4	Support	1080p@60Hz 4:4:4
2	3840x2160	30Hz	4:4:4	Support	1080p@30Hz 4:4:4
3	3840x2160	24Hz	4:4:4	Support	1080p@24Hz 4:4:4
4	3840x2160	60Hz	4:2:0	Support	1080p@60Hz 4:4:4
5	3840x2160	30Hz	4:2:0	Support	1080p@30Hz 4:4:4
6	3840x2160	24Hz	4:2:0	Support	1080p@24Hz 4:4:4
7	3840x2160	60Hz	4:2:2	Not Support	N/A
8	3840x2160	30Hz	4:2:2	Not Support	N/A
9	3840x2160	24Hz	4:2:2	Not Support	N/A

System Connection

Specifications

Video Input	
Input	(1) HDMI input
Input Connector	(1) Type-A female HDMI
HDMI Input Resolution	Up to 4K@60Hz 4:4:4
HDMI Standard	2.0
HDCP Version	up to HDCP2.3
Video Output	
Output	(4) HDMI
Output Connector	(4) Type-A female HDMI
HDMI Output Resolution	Up to 4K@60Hz 4:4:4
Control	
Control Part	(1) Micro-USB port
General	
HDMI 2.0 Cable Length	4K@60Hz 4:4:4 ≤ 16' (5m), 4K@60Hz 4:2:0 ≤ 33' (10m), 1080p ≤ 49' (15m)
Operation Temperature	-10°C ~ +55°C
Storage Temperature	-25°C ~ +70°C
Relative Humility	10%-90%
Power Supply	100V~240V AC; Output: 5V DC 1A
Power Consumption	2.6W
Dimension	W - 3.35" (85mm) x H - 3.35" (85mm) x D - .7" (18mm)
Net Weight	2.65oz. (75g)

Panel Drawing

Maintenance

Clean this unit with a soft, dry cloth. Never use alcohol, paint thinner, or benzene to clean.

Warranty

- If your product does not work properly because of a defect in materials or workmanship, our company (referred to as "the warrantor") will, for the length of the period indicated below, "Parts and Labor (1) Year", which starts with the date of original purchase ("Limited Warranty Period"), at its option either (a) repair your product with new or refurbished parts, or (b) replace it with a new or a refurbished product. The decision to repair or replace will be made by the warrantor.
- During the "Labor" limited warranty period, there will be no charge for labor. During the "Parts" warranty period, there will be no charge for parts. You must mail in your product during the warranty period.
- This Limited Warranty is extended only to the original purchaser and only covers products purchased as new. A purchase receipt or other proof of original purchase date is required for Limited Warranty service.

Mail-In Service

- When shipping the unit, carefully pack and send it prepaid, adequately insured, and preferably in the original carton.
- Include a letter detailing the complaint and provide a daytime phone and/or email address where you can be reached.

Limited Warranty Limits and Exclusions

- This Limited Warranty ONLY COVERS failures due to defects in material or workmanship and DOES NOT COVER normal wear and tear or cosmetic damage. The Limited Warranty ALSO DOES NOT COVER damages which occurred in shipment, or failures which are caused by products not supplied by the warrantor, or failures

which result from accidents, misuse, abuse, neglect, mishandling, misapplication, alteration, faulty installation, set-up adjustments, misadjustment of consumer controls, improper maintenance, power line surge, lightning damage, modification, or service by anyone other than a Factory Service Center or other Authorized Servicer, or damage that is attributed to acts of God.

- There are no express warranties except as listed under "Limited Warranty Coverage". The warrantor is not liable for incidental or consequential damages resulting from the use of this product or arising out of any breach of this warranty. (As examples, this excludes damages for lost time, cost of having someone remove or re-install an installed unit if applicable, travel to and from the service, and loss of or damage to media or images, data, or other recorded content.

- The items listed are not exclusive but are for illustration only). Parts and services, which are not covered by this limited warranty, are your responsibility.

- **WWW.JTECHDIGITAL.COM**

- **PUBLISHED BY J-TECH DIGITAL INC.**

- **9807 EMILY LANE**

- **STAFFORD, TX 77477**

- **TEL: 1-888-610-2818**

- **E-MAIL: SUPPORT@JTECHDIGITAL.COM**

- Scan the QR code below or visit **https://resource.jtechdigital.com/products/3008** to view and access detailed digital resources regarding this unit.

Documents / Resources

	J-TECH DIGITAL JTD-3008 HDMI Splitter 4K 60Hz 1X4 Multi-Resolution Output [pdf] User Manual JTD-3008 HDMI Splitter 4K 60Hz 1X4 Multi-Resolution Output, JTD-3008, HDMI Splitter 4K 60 Hz 1X4 Multi-Resolution Output, Splitter 4K 60Hz 1X4 Multi-Resolution Output, Multi-Resolution Output, Resolution Output

References

- **B** **J-Tech Digital ® Official Site | Professional AV Solution Provider**
- **J-Tech Digital HDMI Splitter Supporting 1X4 Multi-Resolution Output**

- **User Manual**