



# J-TECH DIGITAL<sup>®</sup>

## USER MANUAL



### 1X8 HDMI DISTRIBUTION SPLITTER JTD-179 | JTD4KSP0108

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## NOTICE

The information in this document is subject to change without notice. Every effort has been made in the preparation of this document to ensure accuracy of the content, but all statements, information and recommendations in this document do not constitute the warranty of any kind, expressed or implied.

## FEATURES

- Simultaneously display UHD source signal on up to eight UHD displays
- Supports resolutions up to 3840 x 2160 @ 60Hz 4:2:0
- EDID Management – Mixed | Copy | Default 1080p | Default 4K60 4:2:0
- Supports 36 bit Deep Color
- Supports LPCM 7.1 | Dolby TrueHD | Dolby Digital | DTS-HD Master Audio
- HDCP 1.4 Compliant
- Supports 3D

***\*Note** – J-Tech Digital reserves the right to make changes in the hardware, packaging and any accompanying documentation without prior written notice.*

## PACKAGE CONTENTS

- 1 x J-Tech Digital JTD4KSP0108 HDMI Splitter
- 1 x 5VDC 1A Power Adapter
- 1 x User Manual

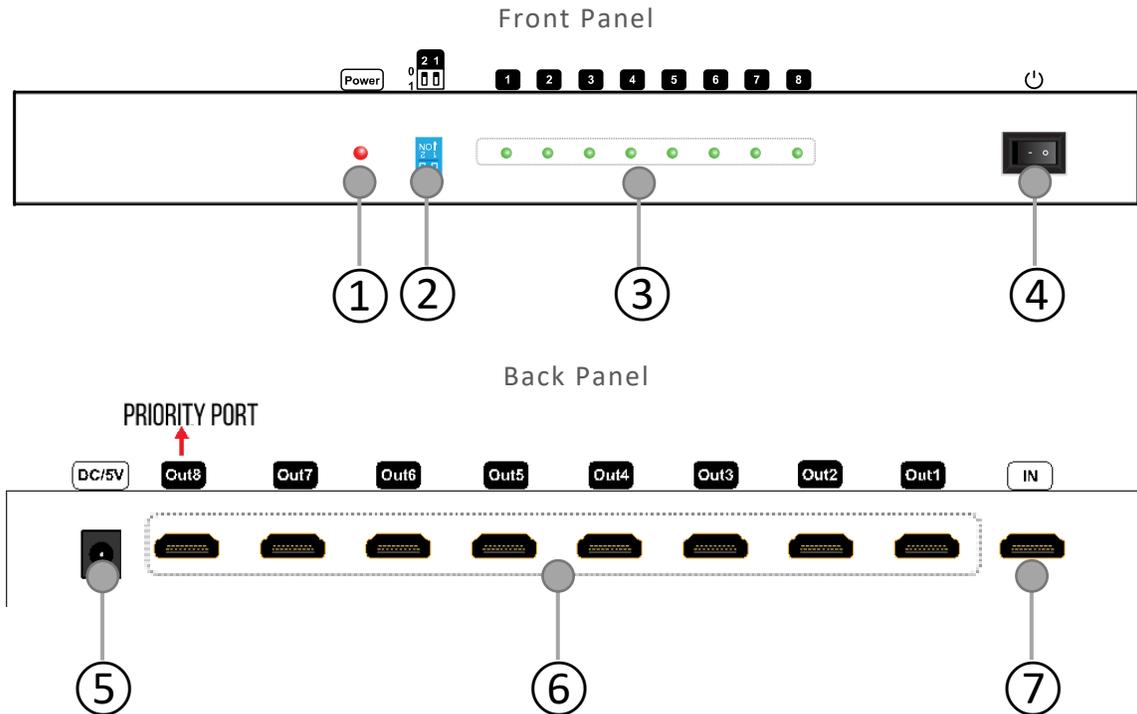
## TABLE OF CONTENTS

Specifications  
Panel Descriptions  
EDID Settings  
Connecting and Operating  
Maintenance  
Warranty

## SPECIFICATIONS

Operating Temperature Range	23°F to 95°F
Operating Humidity Range	5 to 90% RH (No Condensation)
Bandwidth Frequency	10.2 Gbps
Input Ports	1 x HDMI Type-A 19-Pin Female
Output Ports	8 x HDMI Type-A 19-Pin Female
Resolution Output	Up to 3840 x 2160 @ 60Hz YUV 4:2:0
Dimensions (L x W x H)	10.63 x 4.33 x 1.08 in
Power Consumption	3W (max)
Transmission Distance	45 FT (max) <i>Standard 26AWG HDMI Cable</i>
Net Weight	840g

## PANEL DESCRIPTIONS



- |                                                                                                                                                          |                                                                                                                                      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| ① Power Input Indicator                                                                                                                                  | ③ HDMI Output Indicator                                                                                                              |
| ② EDID Management DIP Switches                                                                                                                           | ④ On / Off Power Switch                                                                                                              |
| <ul style="list-style-type: none"> <li> 11: Mixed EDID</li> <li> 00: Copy EDID</li> <li> 10: Default 1080p EDID</li> <li> 01: Default 4K EDID</li> </ul> | <ul style="list-style-type: none"> <li>⑤ Power Adapter Input Port</li> <li>⑥ HDMI Output Ports</li> <li>⑦ HDMI Input Port</li> </ul> |

## EDID SETTINGS

11: Mixed EDID: Splitter will pass EDID of lowest resolution display connected to the 8 outputs, in order to provide a source signal to all displays

00: Copy EDID: Splitter will send EDID of display connected to Output 8 (priority port) to source device. When no display is connected, splitter will default to 1080p EDID

10: Default 1080p EDID: Splitter will provide 1080p EDID to source device

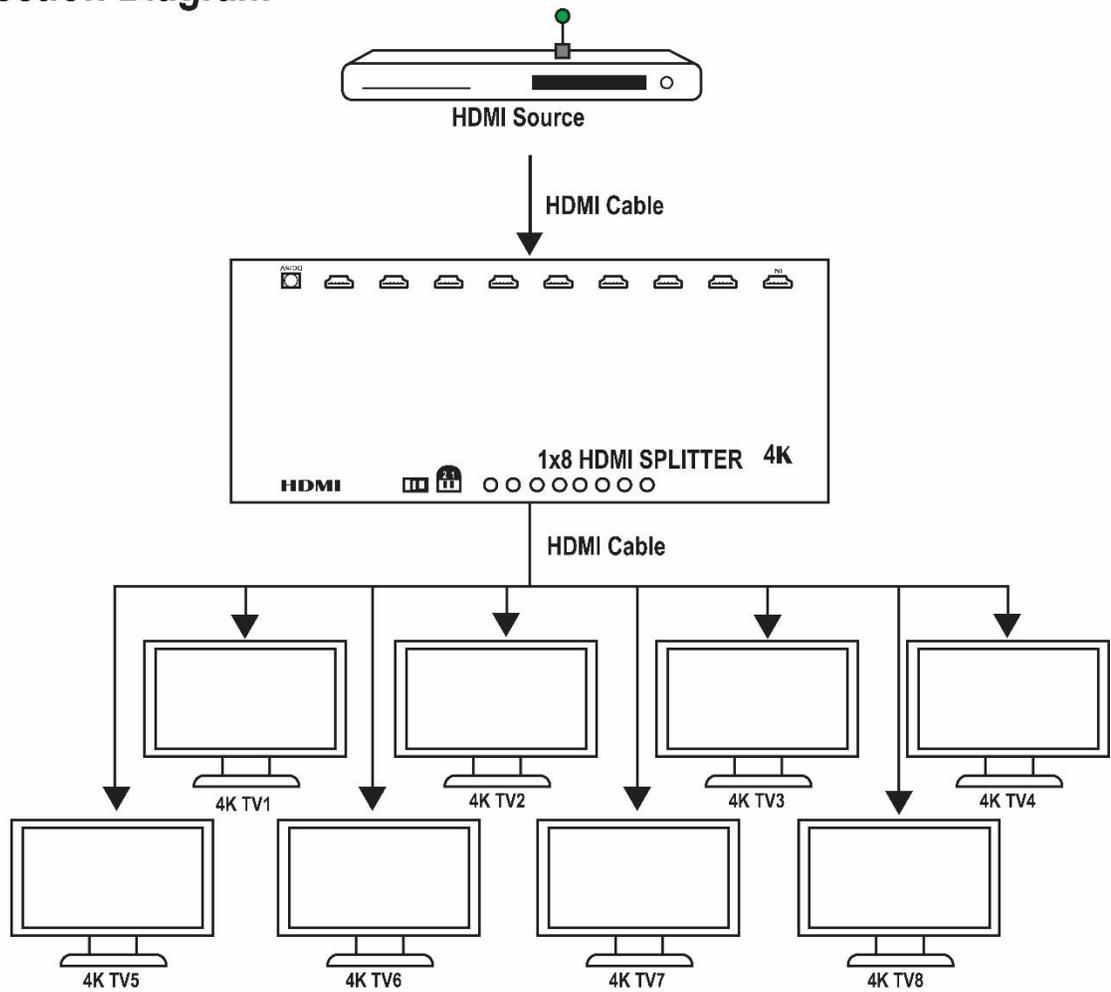
01: Default 4K EDID: Splitter will provide 4K60 4:2:0 EDID to source device

**\*Note – Please power cycle the splitter after making any EDID DIP switch setting changes**

## CONNECTING & OPERATING

- 1) Connect the HDMI source device to the HDMI input port of the JTD4KSP0108
- 2) Connect the HDMI output ports to the desired HDMI displays
- 3) Power on splitter, source and displays

### Connection Diagram



## MAINTENANCE

### PRODUCT SERVICE

- 1) Damage Requiring Service: The unit should be serviced by qualified service personnel if:
  - a. The DC power supply cord or AC adaptor has been damaged;
  - b. Objects or liquids have gotten into the unit;
  - c. The unit has been exposed to rain;
  - d. The unit does not operate normally or exhibits a marked change in performance;
  - e. The unit has been dropped or the cabinet damaged.

*\*Servicing Personnel: Do not attempt to service the unit beyond that described in these operating instructions. Refer all other servicing to authorized servicing personnel.*

2) Replacement Parts: When parts need replacing, ensure the servicer uses parts specified by the manufacturer or parts that have the same characteristics as the original parts. Unauthorized substitutes may result in fire, electric shock, or other hazards.

3) Safety Check: After repairs or service, ask the servicer to perform safety checks to confirm that the unit is in proper working condition.

## 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 as below, (Parts(1) Years , Labor(1) Years) 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 of 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 product 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 day time phone and/or email address where you can be reached.

#### LIMITED WARRANTY LIMITS AND EXCLUSIONS

1) This Limited Warranty ONLY COVERS failures due to defects in materials 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 warrantor, or failures which result from accidents, misuse, abuse, neglect, mishandling, misapplication, alteration, faulty installation, set-up adjustments, mis-adjustment 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 attributable to acts of God.

2) 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, loss of or damage to media or images, data or other recorded content. The items listed are not exclusive, but are for illustration only.

3) PARTS AND SERVICE, WHICH ARE NOT COVERED BY THIS LIMITED WARRANTY, ARE YOUR RESPONSIBILITY.

#### EXTENDED WARRANTY

With the registration of supported J-Tech Digital products, you extend the current warranty by 6 months. This extension is added to the warranty that starts at the purchase date of the device supported. Total product warranty with the extended period will equate to a total of 18 months of warranty from the date of purchase.

For extended warranties to be accepted, all warranty extensions must be claimed within 30 days of purchasing the eligible J-Tech Digital product. Extensions attempted to be claimed outside of the 30-day window will not be accepted. Visit [www.jtechdigital.com](http://www.jtechdigital.com) to register your extended warranty.



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