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USER MANUAL

J-Tech Digital® ProAV



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 contents, but all statements, information, and recommendations in this document do not constitute the warranty of any kind, express or implied.

Features

- Simultaneously displays an Ultra Hi-Def source on up to eight Ultra HD displays.
- Supports resolutions up to Ultra HD 4Kx2K(3840x2160@60Hz YUV 4:2:0) and 1080p Full HD.
- Supports four kinds of EDID handling abilities: mixed EDID, copy EDID, default 1080p output, default 4Kx2K output.
- Supports 36 bit Deep Color.
- Supports LPCM 7.1, Dolby[®] TrueHD, Dolby digital[®] Plus, and DTS-HD[®] Master Audio[™].
- HDCP Compliant.
- Support 3D.

NOTICE

Our company reserves the right to make changes in the hardware, packaging and any accompanying documentation without prior written notice.

Package Contents

- 1x HDMI Splitter
- 1x 5V/1A DC Adapter
- 1x User Manual

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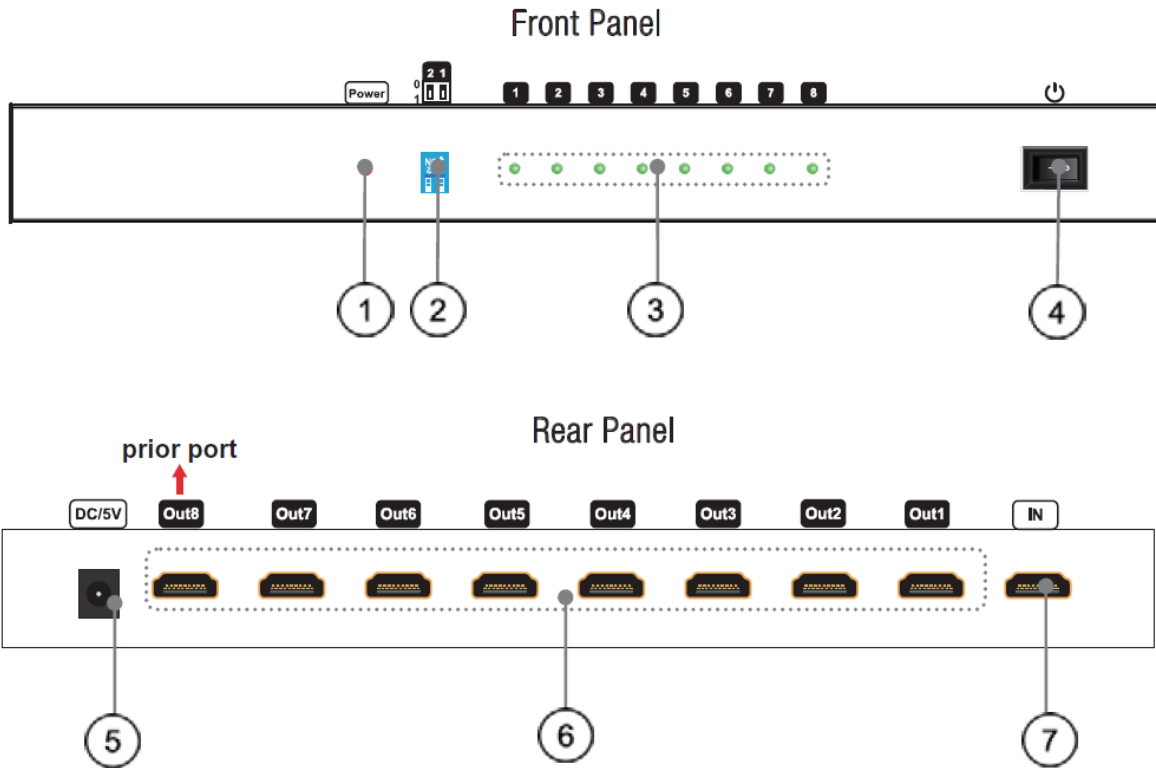
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SPECIFICATIONS

Operating Temperature Range	-5 to +35°C (+23 to +95°F)
Operating Humidity Range	5 to 90%RH (No Condensation)
Bandwidth frequency	10.2Gbps
Input ports	1xHDMI(female)
Output ports	8xHDMI outputs(female)
Resolution outputs	up to 4Kx2K(3840x2160@60Hz YUV 4:2:0)
Dimensions(LxWxH)	270x110x27.5mm
Power consumption	3W(MAX)
Transmission Distance	15m(Maximum)over standard HDMI cable/26AWG
Net Weight	840g

PANEL DESCRIPTIONS



- ① Power input indicator
- ② DIP switch for EDID choosing

- 01: Mixed EDID,
- 00: Copy EDID,
- 10: Default 1080p output,
- 01: Default 4Kx2K output,

- ③ Indicator of HDMI output
- ④ The power switch
- ⑤ Power input
- ⑥ HDMI output
- ⑦ HDMI input

EDID Introduction:

11: Mixed EDID: always follow the lowest resolution of the displays connected to the 8 outputs, in order to support all displays show the source.

- 00: Copy EDID:** output 8 is prior port
- a. When **output 8** is connected to the display, all other displays connected to the other 7 outputs will follow the Resolution of output 8.
 - b. When **output 8** is disconnected, all other 7 displays will output 1080p only.

10: Default 1080p output: output a default 1080p source, in this case all outputs will display 1080p if they support resolution 1080p and above.

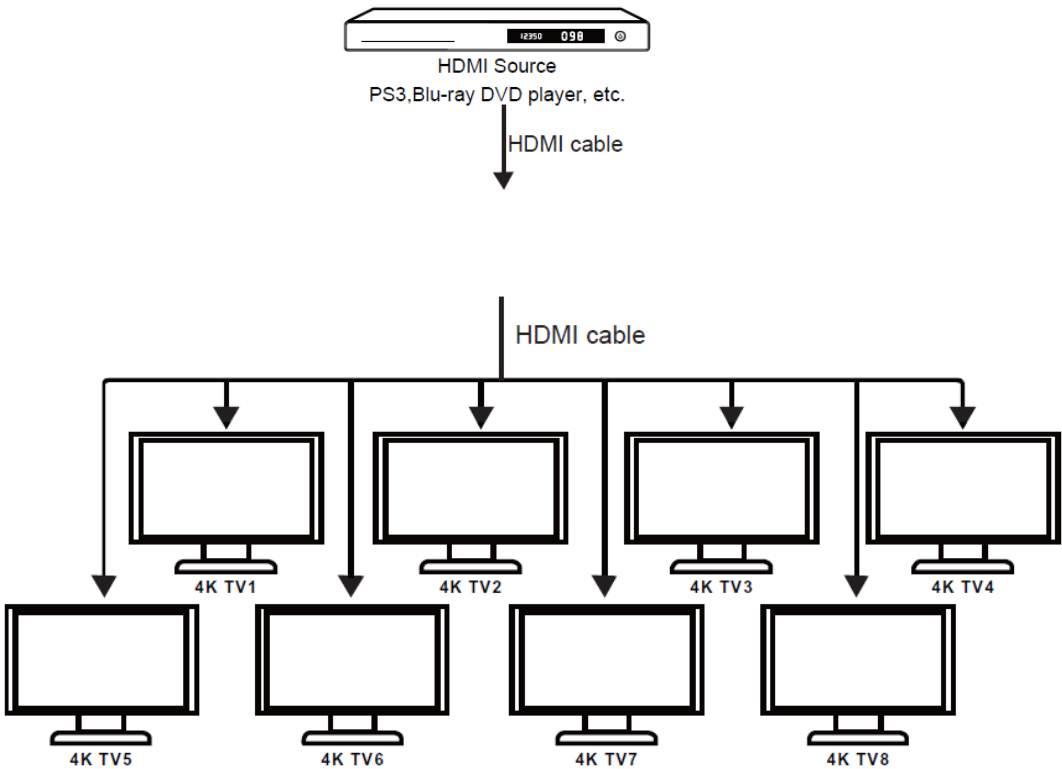
01: Default 4Kx2K output: output a default 4Kx2K source, in this case all outputs will display 4Kx2K if they support resolution 4Kx2K and above.

 **Note** Please restart the splitter when change EDID mode!

Connecting and operating

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

Connection Diagram



MAINTENANCE

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

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.

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

3) **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.

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

Trouble Shooting

1) What kind of cable should be use ?

CAT5E/6/24AEG/SOLID.

2) How to use EDID ?

Four EDID handing methods.

- ① Mixed EDID
- ② Copy EDID
- ③ Default 1080P output
- ④ Default 4K2K output

3) Does it support HDCP ?

Yes, it support.

4) Does it support 4K2K 60Hz ?

Yes, it is 4K2K@60Hz (4:2:0).

WARRANTY

Free lifetime technical support from the manufacture and free 1 Year Manufacturer Warranty from J-Tech Digital.



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