



J-TECH DIGITAL[®]

USER MANUAL



J-Tech Digital 4K 2x2 Video Wall Processor

JTD-670 | JTECH-VW05



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Introduction

The J-Tech Digital® JTECH-VW05 2x2 Video Wall Processor lets you share a single 4K 60Hz HDMI source image to 4 TV panel displays in a 2 by 2 Video Wall configuration for large-screen presentations and events. The JTECH-VW05 provides high-quality image scaling, easy operation controls and adjustable bezel compensation; which are all essential for the video wall system to perform smoothly as envisioned. This video wall system is a cost-effective solution for using multiple LCD screens together to create a larger-than-life display. Have your 4K UHD content displayed bold & bright in various applications such as advertising, entertainment and public information. Users can combine 2, 3 or 4 flat panel LCD TVs into one larger display for a 2x2, 1x2, 1x3 or 1x4 video wall with the help of the J-Tech Digital JTECH-VW05 4K video wall processor.

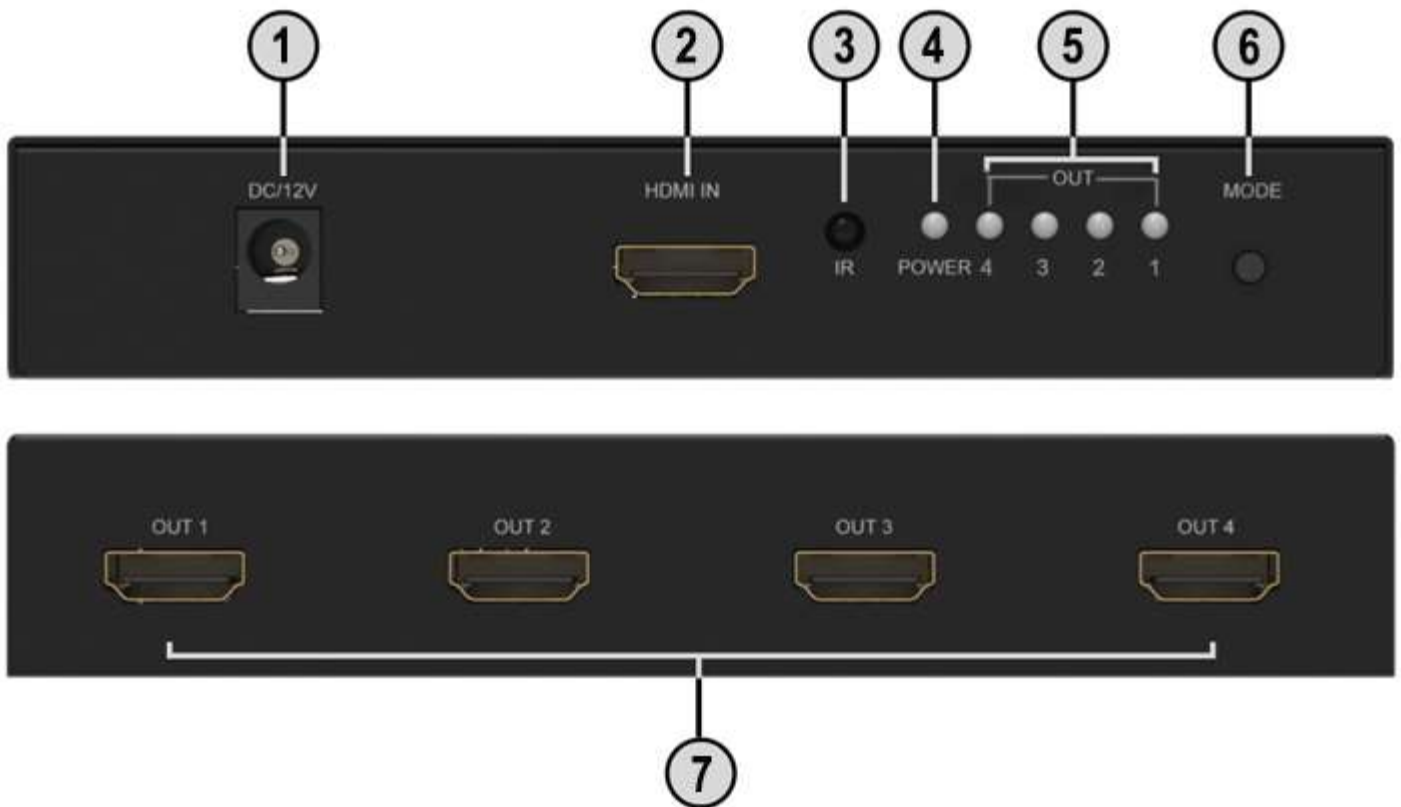
Features

- * Supports HDMI input resolutions up to 4K@60Hz YUV 4:4:4
- * Supports four HDMI outputs resolution fixed to 1080p@60Hz
- * Supports various display modes selectable via front button and remote control
- * Supports on screen display (OSD) function for mode and port information
- * Supports power-off memory function to keep the last setup status when powered back on
- * Supports independent output rotation (180°) for each HDMI output port (Mode 1 Only)

Package Contents

- (1) J-Tech Digital JTECH-VW05 2x2 Video Wall Processor
- (1) 12VDC Power Adapter
- (1) IR Remote Control
- (1) User Manual

Ports & Interfaces

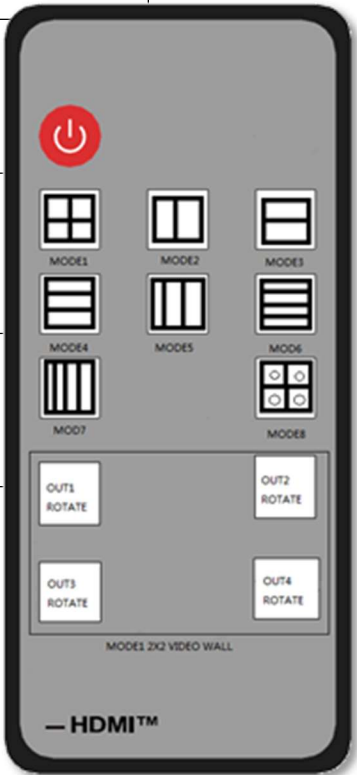


- ① 12V DC Power Supply Input Port
- ② HDMI IN: HDMI Input Port
- ③ IR: IR Receiver
- ④ Power: Power Status LED Indicator
- ⑤ Out 1-4: HDMI Output 1-4 Status LED Indicator
- ⑥ Mode: Video Wall Mode Selector
- ⑦ Out 1-4: HDMI Output Ports 1-4

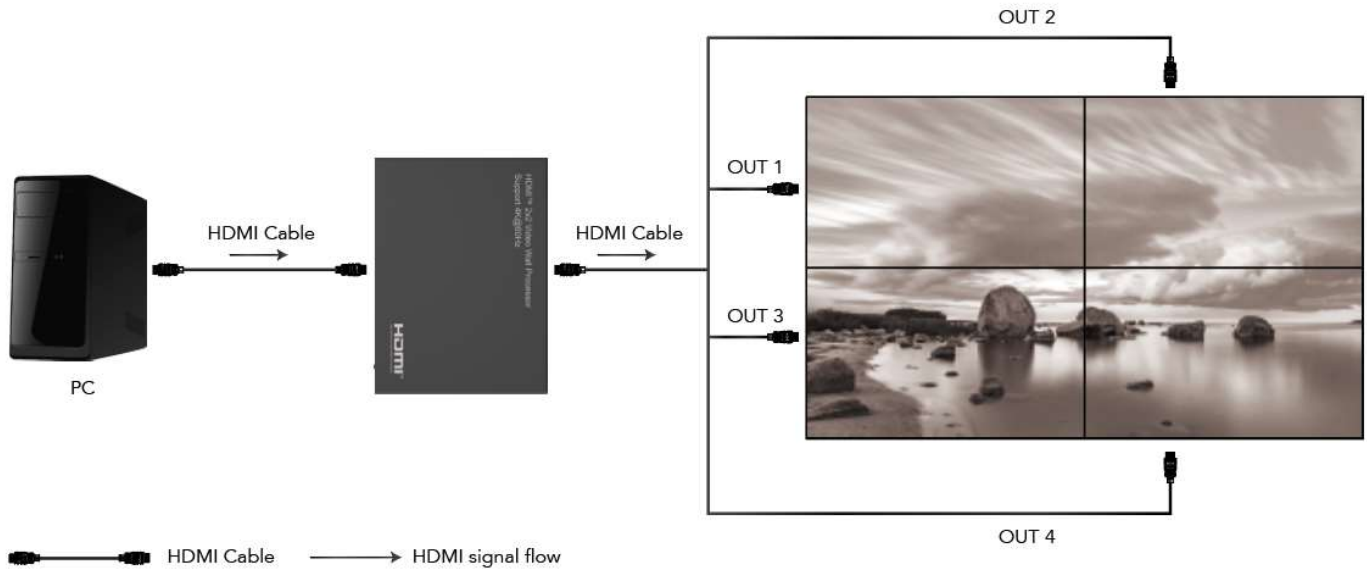
Video Wall Mode Descriptions

Mode1: 2x2 video wall mode	
Mode2: 1x2 video wall mode	
Mode3: 2x1 video wall mode	
Mode4: 1x3 video wall mode	
Mode5: 3x1 video wall mode	
Mode6: 1x4 video wall mode	
Mode7: 4x1 video wall mode	
Mode8: 1x4 Splitter mode	

Out 1/2/3/4 Rotate Buttons –
Independently rotates output image 180°



Connection Diagram



Specifications

Input Ports	HDMI x 1
Output Ports	HDMI x 4
Vertical Frequency Range	50/60Hz
Supported Input Interlaced Resolutions (50&60Hz)	480i,576i,1080i
Supported Input Progressive Resolutions (50&60Hz)	480p,576p,720p,1080p,4K@24/25/30Hz,4k@50/60Hz
Output Resolution	1080p@60Hz
Operating Temperature	32°F to 158°F
Storage Humidity	5% to 90% RH non-condensation
Power Supply	12V DC
Power Consumption (Max)	12W
Processor & Power Supply Certifications	FCC, CE, RoHS
Dimensions (LxWxH)	5.9 in x 4.4 in x 1.1 in
Net Weight	0.87 lbs
Material	Metal

Troubleshooting

Problems	Causes	Solutions
Power status LED indicator is off and product is not working	Power adapter is defective or not seated correctly in the power adapter port.	Please check if the power adapter is connected properly and press the power button.
The product doesn't show the right image from the Apple TV 4K or other streaming devices	The wrong output resolution, refresh rate or HDR setting may be used.	Please change the dynamic range to SDR (not HDR) and resolution & refresh rate to 4K@60Hz RGB or 4:4:4.
No audio or video after attaching power or HDMI cables.	The device is not recognizing the HDMI devices properly.	Please ensure that all HDMI cables are seated correctly in their corresponding HDMI ports. If needed, please also try a high speed HDMI 2.0 cable.

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