



## J-TECH DIGITAL JTD-3192 HDMI Extender Over Ethernet User Manual

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#### J-TECH DIGITAL JTD-3192 HDMI Extender Over Ethernet



## **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

The HDMI Extender Set, Full HD offers an extender solution of up to 50m(165ft) for the highest demands. It is used to transmit digital video and audio signals to a maximum length of up to 50m(165ft). The highest supported video resolution is 1080P@60Hz. The transmitter unit features an EDID setting, which can be used to solve the compatibility issue for no image or sound. It features a PoC (power over cable) function enabling the receiver or transmitter to be powered from the other side by a single 12V power supply.

## **Packing Contents**

- 1. Main Unit TX&RX
- 2. DC 12V Power Adapter with Screw

#### **Feature**

- Extends the maximum length for HDMI cable to up to 50m(165ft) via a simple network cable
- Support HDCP 1.3
- Highest supported video resolution: 1080P@60Hz
- Supports CAT 6, CAT 6A, CAT 7 network cables
- EDID setting Allows you to copy the display EDID information when connected with the transmitter unit's

HDMI Input port after long pressing the EDID button for 3s, and long press to 6s, the transmitter unit will restore the default 1080p EDID

- · Uncompressed and zero latency.
- Plug and play, without installation.

## **Panel Description**



- 1. DC 12V: DC 12V In
- 2. LAN/POC: UTP Cable Connection Port for signal out
- 3. **EDID:** Press to copy the connected display EDID for long press 3s and restore the default 1080p EDID for long press 6s
- 4. HDMI input: Connect to Input Sources via HDMI Male Input Port
- 5. Status: Signal Status Indicator
- 6. Power: Power LED Indicator
- 7. LAN: UT p Cable Connection port for Signal In
- 8. HDMI out: Connect to Output Devices via HDMI Male Output Pod

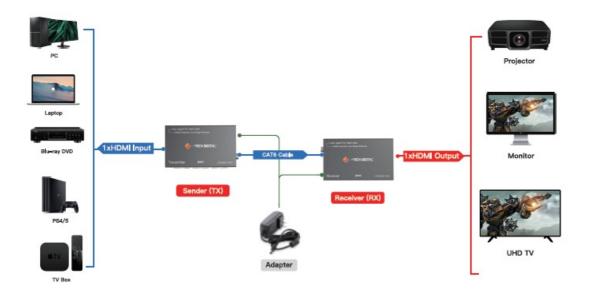
### **Transmitter:**

- 1. Light on for connection with the HDMI Input Source
- 2. Light off for no HDMI input source

#### Receiver:

- 1. Light on for Connected with the HDMI Output Display, and the HDMI Input Source and UTP Cable Connect with the Receiver
- 2. Light off for no Display or HDMI Input Source or UTP Cable connected with the Receiver.

## Connection Diagram.



## **Specification**

Input Ports	HDMI x 1 RJ45 x 1	
Output Ports	HDMI x 1, RJ45 x 1	
Extensions Distance	50m(164 feet) for 1080P@60Hz	
Vertical Frequency Range	50/60Hz	
Interlaced Resolutions(50&60Hz)	480i,576i,1080i	
Progressive Resolutions(50&60Hz)	480p,576p,720p,1080P	
Limited Warranty	1-Year Parts and Labor	
Operating Temperature	O 'C to 50 C	
Storage Humidity	5% to 90% RH non-condensation	
Power Supply	DC 12V	
Power Consumption (Max)	TX: <1W, RX: <1W	
Extender Unit Cert	FCC, CE, RoHS	
Power Supply Cert	FCC, CE, RoHS	
Dimension(LxWxH)	TX/RX: 84.4×49.15×24.2mm	
Net Weight	TX: 61g, RX: 64g	
Material	Aluminium Alloy	
User Manual	English Version	

# Troubleshooting

Problems	Causes	Solutions
Non-power-connect ed/all LED off	Maybe the power supply is not conne cting well or the wrong <b>power adapte</b> r is.	Please check if the power supply is connecting well and if the output voltage value is correct as recommended.
No sound or sound is sues	Maybe the HDMI connection is not w ell; the audio format is not supported by the displays; the source player set another port to output audio	Please check if the HDMI cables are connect ing well; if the audio format is not supported by the displays, customers can change to the supported audio format or the player's audio output is setting HDMI audio output or not, and customers also can use the EDID setting function for copying the supported audio EDID information for long press EDID but ton for 3s
No picture or picture flicker	Maybe the HDMI cable quality and U TP cable quality are not good enough or not connecting well.	Please check if the HDMI and UTP connection is well, or change to another goo d quality HDMI standard HDMI cable or UTP (CAT6 or better cable is recommended) cabl e will solve the issue. Customers also use the EDID setting function to copy the support ed video EDID information for a long pressin g the EDID button for 3

#### **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 warrantorDuringng the "Labor" limited warranty period, there will be no charge for labor. During the "Pans' warranty period, there will be no charge for parts. You must maintain 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 that occurred in shipment, failures that are caused by products not supplied by the warrantor or failures that result from accidents, misuse, or abuse. Neglect, mishandling, misapplication, alteration, faulty installation, set-up adjustments, mis- mis-adjustment of consumer controls, improper maintenance, power line surge, and lightning

damage. Modification, or service by anyone other than a FactoryService 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 Partsrts and services, which are not covered by this limited warranty, are your responsibility.

#### Scan the QR code below or visit

https://resource.jtechdigital.com/products/3192 to view and access detailed digital resources regarding this unit.



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## **Documents / Resources**



<u>J-TECH DIGITAL JTD-3192 HDMI Extender Over Ethernet</u> [pdf] User Manual JTD-3192, A57\_PET50EP, JTD-3192 HDMI Extender Over Ethernet, JTD-3192, HDMI Extender Over Ethernet, Extender Over Ethernet, Ethernet

## References

User Manual

Manuals+, Privacy Policy

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