

## PWAY PW-DT264-JP

# PWAY HDMI Extender PW-DT264-JP User Manual

Model: PW-DT264-JP

## 1. INTRODUCTION

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Thank you for purchasing the PWAY HDMI Extender, model PW-DT264-JP. This device allows you to extend HDMI audio and video signals over long distances using a single Cat6/7 Ethernet cable. It is ideal for various applications including home theater, store displays, surveillance rooms, and video conferencing, supporting high-definition 1080P@60Hz resolution.

Key features of this HDMI extender include:

- **Extended Transmission:** Transmits HDMI signals up to 150 meters (492 feet) over a single Cat6/7 Ethernet cable.
- **High Resolution:** Supports resolutions up to 1080P@60Hz, ensuring clear and stable video output.
- **Plug and Play:** No driver installation required for easy setup and operation.
- **Wide Compatibility:** Compatible with various HDMI source devices such as PCs, game consoles (e.g., PS5), Blu-ray players, and media players.
- **Stable Performance:** Features a built-in automatic equalization system and ESD electrostatic protection for reliable signal transmission.

## 2. SAFETY INFORMATION

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Please read and follow these safety guidelines to ensure proper operation and prevent damage to the device or injury to yourself.

- Ensure the power adapter used is the correct voltage (DC5-12V) and current for the device.
- Do not expose the device to water, moisture, or extreme temperatures.
- Avoid placing the device near heat sources or in direct sunlight.
- Do not attempt to open or repair the device. Refer all servicing to qualified personnel.
- Use only Cat6 or Cat7 Ethernet cables for optimal performance and transmission distance.
- Keep the device away from children.

### 3. PACKAGE CONTENTS

Verify that all items are present in your package:

- 1x HDMI Transmitter (TX) Unit
- 1x HDMI Receiver (RX) Unit
- 1x Power Adapter (DC5-12V)
- 1x User Manual
- 1x Warranty Card



Image: Package contents including Transmitter, Receiver, Power Adapter, User Manual, and Warranty Card.

### Product Overview

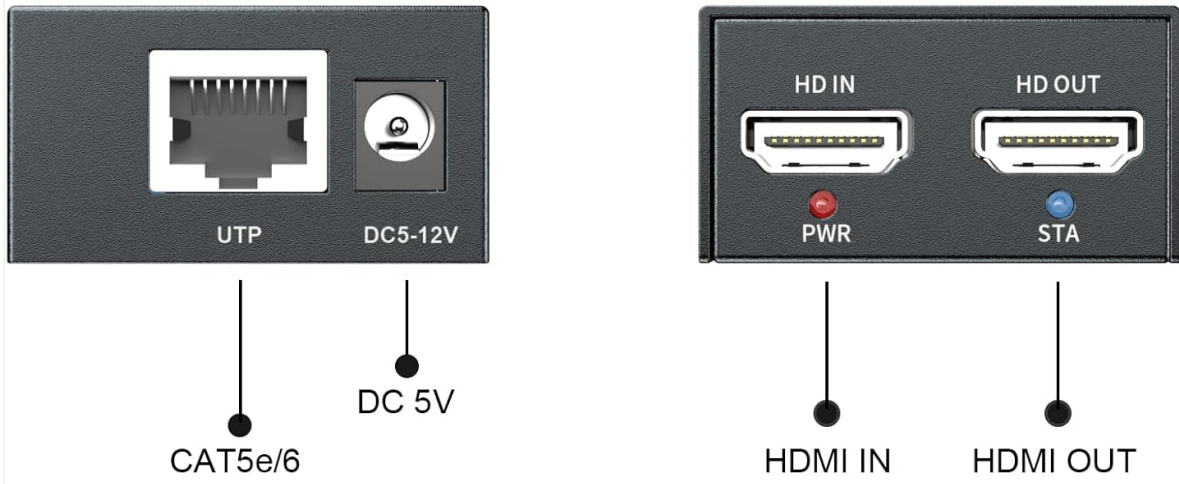
Familiarize yourself with the ports and indicators on the Transmitter (TX) and Receiver (RX) units.

# 製品の接続



Image: Transmitter (TX) unit showing HDMI IN, HDMI OUT (Loop-out), PWR (Power Indicator), and STA (Status Indicator) ports.

## 送信機



## 送信機

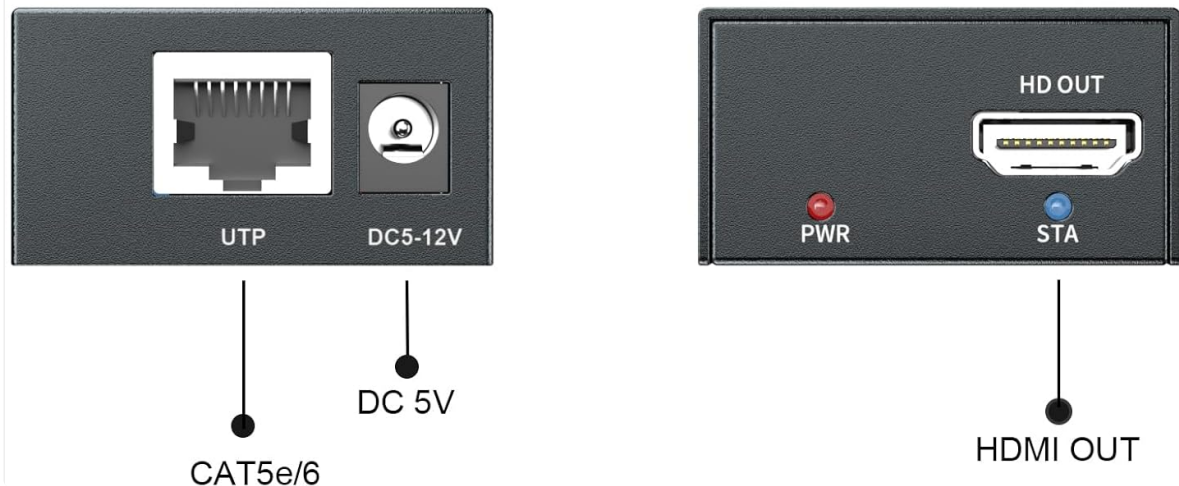


Image: Transmitter (TX) unit showing UTP (RJ45 Ethernet Port) and DC5-12V (Power Input) ports.

The Receiver (RX) unit typically features a UTP (RJ45 Ethernet Port), DC5-12V (Power Input), and an HDMI OUT port to connect to your display. It also has PWR and STA indicators similar to the TX unit.

## 4. SETUP AND INSTALLATION

Follow these steps to set up your PWAY HDMI Extender:

1. **Connect the HDMI Source:** Connect an HDMI cable from your source device (e.g., PC, game console, Blu-ray player) to the **HDMI IN** port on the Transmitter (TX) unit.
2. **(Optional) Local Display Connection:** If you wish to have a local display near your source, connect an HDMI cable from the **HDMI OUT** (Loop-out) port on the TX unit to your local monitor or TV.
3. **Connect Ethernet Cable:** Connect a single Cat6 or Cat7 Ethernet cable from the **UTP** port on the Transmitter (TX) unit to the **UTP** port on the Receiver (RX) unit. Ensure the cable is securely connected at both ends.
4. **Connect the HDMI Display:** Connect an HDMI cable from the **HDMI OUT** port on the Receiver (RX) unit to your remote display device (e.g., HDTV, projector, monitor).
5. **Power On:** Connect the provided power adapter to the **DC5-12V** port on both the Transmitter (TX) and

Receiver (RX) units, then plug the adapters into a power outlet. The PWR indicator on both units should light up.

6. **Verify Connection:** Once all connections are made and power is supplied, the STA (Status) indicator on both units should light up, indicating a successful signal link. Your remote display should now show the HDMI source content.



Image: Diagram illustrating the connection of the HDMI Extender. The Transmitter (TX) connects to source devices like PCs, projectors, or game consoles. The Receiver (RX) connects to display devices like monitors or TVs, with an Ethernet cable linking TX and RX.

# ローカル・ループアウト

オーディオおよびビデオ伝送を表示可能  
150m以内



Image: Illustration of the local loop-out feature, showing the Transmitter (TX) unit providing an HDMI output to a local display while simultaneously sending the signal over 150m via Ethernet to the Receiver (RX) and a remote display.

## 5. OPERATING INSTRUCTIONS

The PWAY HDMI Extender is designed for simple, plug-and-play operation. Once properly connected and powered on, it will automatically detect and transmit the HDMI signal.

- **Automatic Signal Detection:** The extender automatically detects the input HDMI signal and adjusts for optimal transmission.
- **Resolution Support:** The device supports various resolutions, including 1920x1080@60Hz, 1080i, 720P, 720i, 480P, and 480i.
- **Indicators:** The PWR LED indicates power status, and the STA LED indicates signal connection status. A solid STA light typically means a stable connection.

# プラグ&プレイ

ローカル・ループアウト 492ft/150m  
1080P 60Hz 1-to-1



Image: The HDMI Extender units highlighting their plug-and-play functionality, 1080P 60Hz support, and 1-to-1 connection capability.

## 6. MAINTENANCE

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To ensure the longevity and optimal performance of your HDMI extender, follow these maintenance tips:

- **Cleaning:** Use a soft, dry cloth to clean the device. Do not use liquid cleaners or aerosols.
- **Ventilation:** Ensure adequate airflow around the units to prevent overheating. Do not block ventilation openings.
- **Cable Management:** Keep cables organized and avoid sharp bends or excessive tension, which can damage the cables or ports.
- **Power Off When Not in Use:** If the device will not be used for an extended period, disconnect the power adapters.

## 7. TROUBLESHOOTING

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If you encounter issues with your HDMI extender, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No image on the remote display.	No power to TX/RX units; Loose cable connections; Incorrect cable type; Display input not selected.	Check power adapters and outlets; Ensure all HDMI and Ethernet cables are securely connected; Use Cat6/7 Ethernet cable; Select correct HDMI input on display.
Poor image quality (flickering, distortion).	Ethernet cable too long or low quality; Interference; Resolution mismatch.	Ensure Ethernet cable is within 150m limit and is Cat6/7; Avoid running Ethernet cable near strong electrical interference; Check source and display resolution settings.
No audio.	Audio settings on source/display; HDMI cable issue.	Verify audio output settings on source device; Check audio input settings on display; Try a different HDMI cable.
STA indicator not lit.	No Ethernet link between TX and RX.	Check the Ethernet cable connection between TX and RX; Ensure the cable is not damaged.

## 8. SPECIFICATIONS

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<b>Model Number</b>	PW-DT264-JP
<b>Supported Resolution</b>	1080P@60Hz (compatible with 1080i/720P/720i/480P/480i)
<b>Transmission Distance</b>	Up to 150m (492ft) over Cat6/7 Ethernet cable
<b>Connector Type</b>	HDMI, RJ45
<b>Power Supply</b>	DC5-12V
<b>Compatible Devices</b>	PC, Game Consoles, Blu-ray Players, Media Players, etc.
<b>Dimensions</b>	17.9 x 12.1 x 4 cm
<b>Weight</b>	410 g

## 9. WARRANTY INFORMATION

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This product comes with a warranty. Please refer to the included Warranty Card in your package for detailed terms and conditions, including the warranty period and coverage. Keep your proof of purchase for warranty claims.

## 10. CUSTOMER SUPPORT

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If you have any questions, require technical assistance, or need to report an issue with your PWAY HDMI Extender, please contact PWAY customer support through the contact information provided on your warranty card or the official PWAY website. Please have your model number (PW-DT264-JP) and purchase details ready when contacting support.

