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PWAY PW-DT248W-H Wireless HDMI Extender User Manual

Model: PW-DT248W-H

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1. INTRODUCTION

The PWAY PW-DT248W-H Wireless HDMI Extender allows for the wireless transmission of high-definition audio and video signals up to 30 meters (98 feet). This kit includes a transmitter (TX) and a receiver (RX) unit, designed to eliminate the need for long HDMI cables, providing a flexible solution for connecting HDMI source devices to displays such as TVs, monitors, or projectors. It supports Full HD 1080P resolution and offers a plug-and-play experience without requiring software installation.

2. SAFETY INFORMATION

- Ensure proper ventilation around the devices to prevent overheating.
- Do not expose the units to water, moisture, or extreme temperatures.
- Use only the provided power adapters.
- Avoid disassembling the units; refer servicing to qualified personnel.
- Keep the devices away from strong electromagnetic fields.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- 1 x Wireless HDMI Transmitter (TX)
- 1 x Wireless HDMI Receiver (RX)

- 2 x USB Power Cables
- 1 x User Manual

4. PRODUCT OVERVIEW

The PWAY PW-DT248W-H system consists of two main components: the Transmitter (TX) and the Receiver (RX).

4.1 Transmitter (TX) Unit

Connects to your HDMI source device (e.g., laptop, game console, DVD player). It wirelessly sends the audio/video signal.

4.2 Receiver (RX) Unit

Connects to your HDMI display device (e.g., TV, monitor, projector). It receives the wireless audio/video signal and outputs it to the display.



Image: The Transmitter (TX) and Receiver (RX) units, highlighting their compact design and connection points. The TX unit is labeled 'Transmitter (TX)' and the RX unit is labeled 'Receiver (RX)'.

5. SETUP

Follow these steps to set up your PWAY Wireless HDMI Extender:

1. **Connect the Transmitter (TX):** Plug the HDMI connector of the TX unit into the HDMI output port of your source device (e.g., laptop, PS5, Xbox, DVD player, STB, DVR).
2. **Power the Transmitter (TX):** Connect one end of the USB power cable to the TX unit and the other end to a USB power source (e.g., a USB port on your source device or a USB wall adapter).
3. **Connect the Receiver (RX):** Plug the HDMI connector of the RX unit into the HDMI input port of your display device (e.g., TV, monitor, projector).
4. **Power the Receiver (RX):** Connect the second USB power cable to the RX unit and the other end to a USB power source (e.g., a USB port on your display device or a USB wall adapter).
5. **Automatic Pairing:** Once both units are powered on, they will automatically pair within approximately 5 seconds. The indicator lights on both units will show a stable connection.
6. **Display Content:** Your source device's content should now be displayed wirelessly on your connected screen.



Image: Illustration of the PWAY Wireless HDMI Extender's compatibility with multiple source devices (PC, Laptop, PS5, Xbox, DVD, STB, DVR) and display devices (TV, Monitor, Projector).

Plug & Play Meeting Efficiently

Auto Pairing & Stream, No Need App or Bluetooth



Image: A visual representation of the plug-and-play setup, showing a laptop wirelessly transmitting to a large screen, emphasizing no app, no driver, and no wire requirements.

6. OPERATING INSTRUCTIONS

6.1 Power On/Off

The units power on automatically when connected to a power source. Disconnect the USB power cable to power them off.

6.2 Signal Transmission

The extender uses 2.4/5 GHz dual-band technology for stable signal transmission. The optimal transmission range is up to 30 meters (98 feet) in an open environment. Performance may vary depending on environmental factors such as walls and interference.

HD Streaming Video Audio

Enjoy your favorite live movies on a big screen
with 1920*1080P@60Hz clear image,
support all video apps



Image: A television screen showing vibrant HD content, demonstrating the device's ability to stream 1920*1080P@60Hz clear image quality, compatible with various video apps.

Wireless Transmission up to 98ft 30M

Powerful Long-Distance Stable Signal

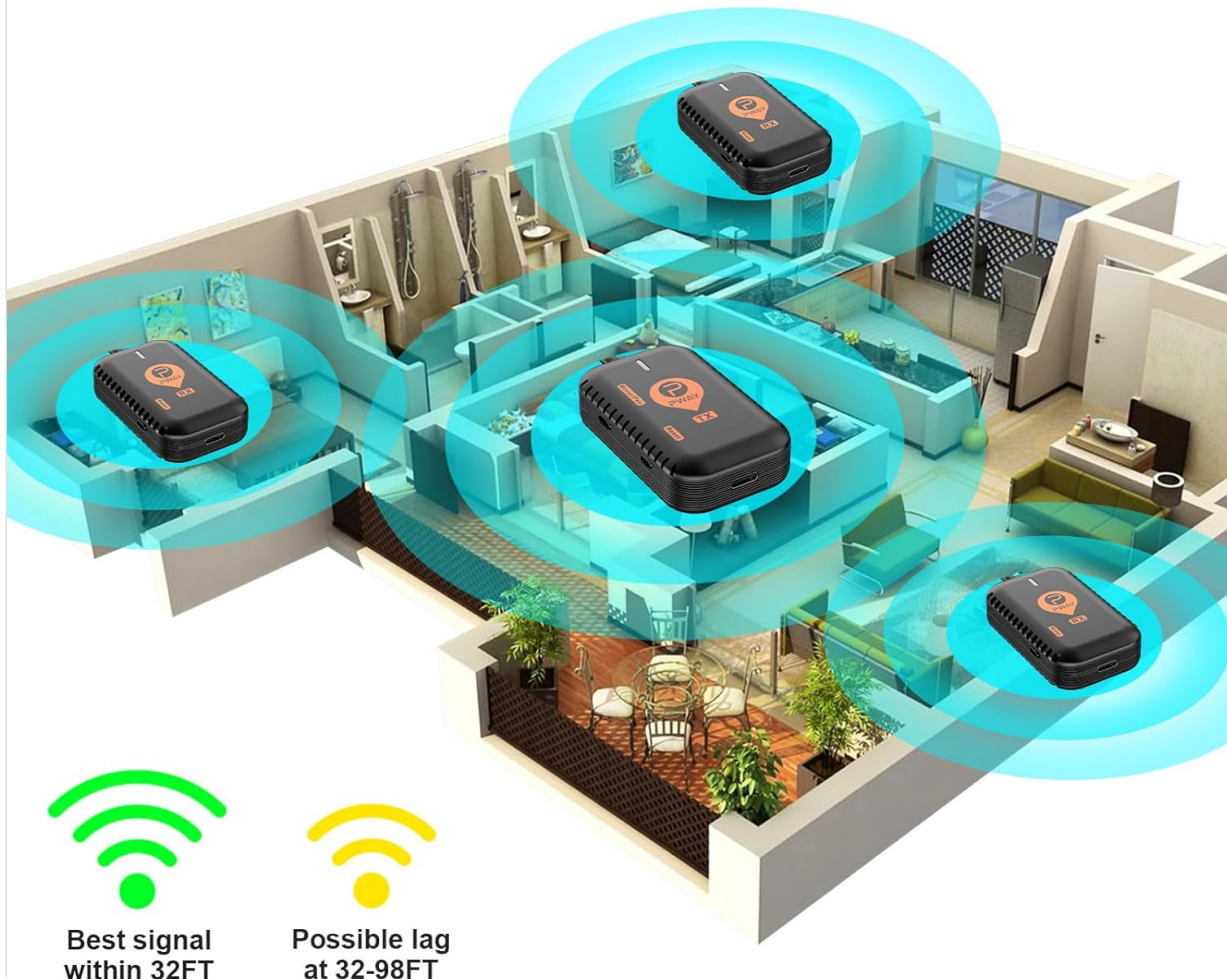


Image: A floor plan illustrating the wireless transmission range, showing optimal signal within 32 feet and potential signal degradation or lag between 32 and 98 feet, especially through walls.

7. MAINTENANCE

- Clean the units with a soft, dry cloth. Do not use liquid or aerosol cleaners.
- Store the device in a cool, dry place when not in use.
- Avoid placing heavy objects on the units.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
No signal on display	Units not powered on; HDMI cables loose; Units not paired; Out of range.	Ensure both TX and RX are powered. Check HDMI connections. Power cycle both units to re-initiate pairing. Reduce distance between TX and RX.
Intermittent signal or poor quality	Too far from RX; Obstructions (walls); Interference from other wireless devices.	Move TX and RX closer. Reduce obstructions. Move other 2.4/5GHz wireless devices away from the extender.

Problem	Possible Cause	Solution
No audio	Audio settings on source/display; HDMI cable issue.	Check audio output settings on your source device and input settings on your display. Ensure HDMI cables are fully seated.
Units not pairing	Power issue; Interference.	Ensure stable power supply to both units. Try pairing in a different location with less wireless interference.

9. SPECIFICATIONS

- **Model Number:** PW-DT248W-H
- **Brand:** PWAY
- **Connectivity Technology:** HDMI
- **Compatible Devices:** Television (and other HDMI-enabled displays/sources)
- **Connector Type:** HDMI
- **Audio Output Mode:** Stereo & Surround
- **Power:** 5 Watts
- **Output Power:** 5 Watts
- **Number of Channels:** 5
- **Wireless Transmission Range:** Up to 30 meters (98 feet)
- **Dimensions:** Approximately 19.3 x 10.5 x 3 cm; 180 grams

10. WARRANTY AND SUPPORT

PWAY products are designed for reliability and performance. For warranty information or technical support, please refer to the documentation included with your purchase or contact PWAY customer service through their official website. Please have your model number (PW-DT248W-H) and purchase details ready when contacting support.