

## PWAYTEK DT257W-H

# PWAYTEK Wireless HDMI Extender User Manual

Model: DT257W-H

## 1. INTRODUCTION

This manual provides comprehensive instructions for the setup, operation, and maintenance of your PWAYTEK Wireless HDMI Extender. This device is designed to transmit high-definition video and audio signals wirelessly, offering a seamless and clutter-free solution for various display needs.



Image: The PWAYTEK Wireless HDMI Extender, showing both the transmitter and receiver units.

## 2. PRODUCT FEATURES

- **Effortless Plug-and-Play Setup:** No applications, Bluetooth, or Wi-Fi configuration required. Simply connect and use.
- **Wireless Screen Mirroring and Extension:** Supports both mirroring and extending display modes from various devices to high-definition TVs, projectors, and monitors.
- **Ultra-HD Visual Clarity:** Delivers stunning 1080P decoding and output at 1080P@60Hz for clear visuals.
- **Long-Range Wireless Transmission:** Achieves transmission distances up to 98 feet (30 meters) using robust 2.4G/5G protocols, even through walls or obstacles.
- **Portable and Travel-Friendly:** Compact and lightweight design for easy transport and use in various locations.



# Compact Mate 2

HDMI Wireless Display Transmitter + Receiver



Screen  
Mirroring



Full HD  
Transmission



HDMI  
transmitter



Image: Diagram illustrating key features such as Plug & Play, Remote Transmission, 1080P HD, Built-in Antenna, and 5G Hz support.

## 3. PACKAGE CONTENTS

The PWAYTEK Wireless HDMI Extender package typically includes:

- 1 x Wireless HDMI Transmitter Unit
- 1 x Wireless HDMI Receiver Unit
- User Manual (this document)

*Note: Power adapters (5V/1A) are typically required for both units and may or may not be included. Please check your specific product packaging.*

## 4. SETUP GUIDE

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

1. **Connect the Receiver:** Connect the HDMI end of the receiver unit to an HDMI input port on your display device (TV, monitor, or projector). Connect the USB-A end of the receiver to a 5V/1A USB power source, which can be a USB port on your display device or a separate USB power adapter.
2. **Connect the Transmitter:** Connect the HDMI end of the transmitter unit to an HDMI output port on your source device (laptop, PC, TV box, camera). Connect the USB-A end of the transmitter to a 5V/1A USB power source, which can be a USB port on your source device or a separate USB power adapter.
3. **Automatic Pairing:** Once both units are powered and connected, they will automatically pair. The indicator lights on both units will flash during pairing and become solid when a connection is established. This process typically takes a few seconds.

# Installation Details



Image: Step-by-step visual guide for connecting the transmitter and receiver units to source and display devices.



Image: Illustration of the plug-and-play functionality, showing a laptop connected to the transmitter and a TV connected to the receiver.

## 5. OPERATING INSTRUCTIONS

Once the transmitter and receiver units are successfully paired, your display will automatically show the content from your source device. The extender supports both mirroring and extending display modes, depending on your source device's settings.

- Screen Mirroring:** The display on your TV/monitor/projector will duplicate the screen of your laptop, PC, or other source device.
- Screen Extension:** You can extend your desktop across multiple screens, allowing for increased workspace. This mode is configured through your source device's display settings.

The device operates on 2.4G/5G transmission protocols, ensuring stable signal transmission for various applications, including presentations, home entertainment, and gaming.

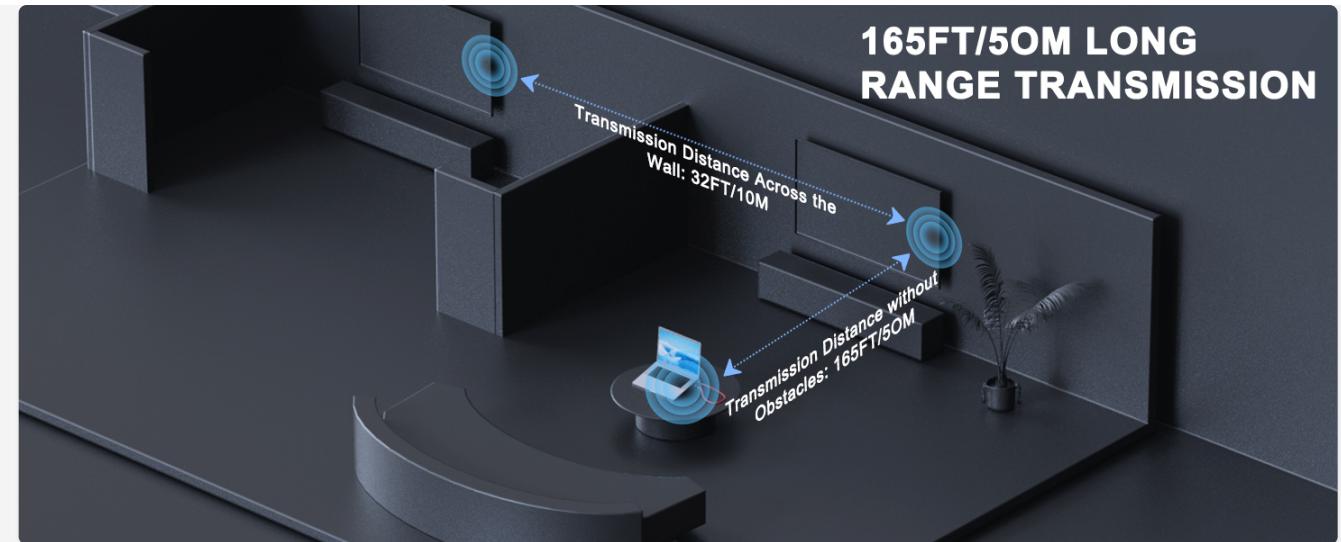


Image: A visual showing compatibility with various video streaming and communication applications.



Image: A family enjoying a movie streamed wirelessly to a large TV using the HDMI extender.

## 6. MAINTENANCE

To ensure the longevity and optimal performance of your PWAYTEK Wireless HDMI Extender, follow these simple maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the units. Avoid using liquid cleaners or aerosols.
- **Storage:** When not in use for extended periods, store the units in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Handle the units with care. Avoid dropping them or subjecting them to strong impacts.
- **Ventilation:** Ensure the units have adequate ventilation during operation to prevent overheating.

## 7. TROUBLESHOOTING

If you encounter issues with your PWAYTEK Wireless HDMI Extender, refer to the following common troubleshooting steps:

Problem	Possible Cause / Solution

Problem	Possible Cause / Solution
No signal on display / Black screen	<ul style="list-style-type: none"> <li>◦ Ensure both transmitter and receiver units are properly powered (5V/1A). Check USB connections.</li> <li>◦ Verify HDMI connections are secure on both source and display devices.</li> <li>◦ Unplug and re-plug both the transmitter (TX) and receiver (RX) units to force re-pairing.</li> <li>◦ Check if the display device is set to the correct HDMI input.</li> <li>◦ Reduce the distance between the transmitter and receiver, or remove obstacles.</li> </ul>
Intermittent signal / Flickering screen	<ul style="list-style-type: none"> <li>◦ Signal interference from other wireless devices (e.g., Wi-Fi routers, microwaves). Try changing the channel on your router if possible, or move the extender away from other wireless devices.</li> <li>◦ Distance too great or too many obstacles. The maximum transmission distance is 98 feet (30 meters) in open space; walls and obstacles will reduce this.</li> <li>◦ Ensure adequate power supply to both units.</li> </ul>
Audio but no video / Video but no audio	<ul style="list-style-type: none"> <li>◦ Check audio output settings on your source device.</li> <li>◦ Ensure the display device's audio input is correctly configured.</li> <li>◦ Re-plug the units.</li> </ul>

# Plug & Play

Auto Pairing No Need for App or Bluetooth  
If it doesn't work, please unplug and plug the TX/RX



Image: Diagram illustrating the effective transmission distance of the wireless HDMI extender, showing signal strength decreasing with distance and obstacles.

## 8. SPECIFICATIONS

Feature	Detail
Brand	PWAYTEK
Model	DT257W-H
Manufacturer	PWAY Technology
Resolution	1080p@60Hz
Transmission Protocol	2.4G/5G Wireless
Max Transmission Distance	98 feet (30 meters) in open space

Feature	Detail
Compatible Devices	Laptops, PCs, TV Boxes, Projectors, Monitors, TVs, Cameras (HDMI output)
Connector Type	HDMI
Power Input	5V/1A (via USB)
Product Dimensions	8.38 x 3.81 x 2.29 cm
Item Weight	82 g

## 9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official PWAYTEK website or contact their customer service directly. Keep your purchase receipt as proof of purchase for any warranty claims.

**Online Support:** Visit the PWAYTEK official website for FAQs, driver downloads (if applicable), and further support resources.

**Customer Service:** Refer to the contact information provided with your product packaging or on the official PWAYTEK website for direct assistance.

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### Related Documents

	<p><a href="#">PWAYTEK PWTEK-DT248W Wireless HDMI Extender: User Manual, Setup, and Specifications</a></p> <p>User manual for the PWAYTEK PWTEK-DT248W Wireless HDMI Extender. This guide details package contents, connection steps, pairing procedures, technical specifications, warranty information, and safety precautions for wireless HDMI signal transmission.</p>
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