PWAYTEK 248-NEW

PWAYTEK Wireless HDMI Extender Kit User Manual

Model: 248-NEW

Brand: PWAYTEK

1. Product Overview

The PWAYTEK Wireless HDMI Extender Kit provides a seamless solution for transmitting high-definition video and audio wirelessly. This system eliminates the need for long HDMI cables, offering flexibility and convenience for various applications, including home entertainment, business presentations, and educational settings.

It supports 4K decoding and outputs at 1080P@60Hz, ensuring clear and vibrant visuals. The kit operates on 2.4G/5G transmission protocols for stable signal delivery up to 98 feet (30 meters) in open spaces, and approximately 32 feet (10 meters) through walls or obstacles. Its plug-and-play design requires no complex software installations, Bluetooth pairing, or Wi-Fi configurations.

A key feature of this system is its ability to support multiple transmitters with a single receiver (up to 8 transmitters, sold separately). This allows for easy switching between different source devices, enhancing efficiency in multi-source environments.



Image: The PWAYTEK Wireless HDMI Extender Kit, featuring the compact transmitter (TX) and receiver (RX) units with integrated HDMI connectors and USB power cables.

2. What's in the Box

- Wireless HDMI Extender Kit (includes 1 Transmitter and 1 Receiver)
- USB-C Power Cables (2)
- User Manual (this document)
- Warranty Card



Image: The complete contents of the PWAYTEK Wireless HDMI Extender Kit packaging, including the TX and RX units, USB power cables, and documentation.

3. Setup Guide

Setting up your PWAYTEK Wireless HDMI Extender Kit is a straightforward process. Follow these steps for quick installation:

1. **Connect the Receiver (RX):** Plug the HDMI connector of the Receiver (RX) unit into an available HDMI input port on your display device (e.g., TV, monitor, projector).
2. **Connect the Transmitter (TX):** Plug the HDMI connector of the Transmitter (TX) unit into the HDMI output port of your source device (e.g., laptop, PC, TV box, game console).
3. **Power Up:** Connect the provided USB-C power cables to both the TX and RX units, and then plug the USB-A ends into a USB power source (e.g., USB port on your TV/laptop, or a USB wall adapter). Ensure both units are powered on.
4. **Automatic Connection:** The TX and RX units are designed to automatically pair and establish a connection. Once connected, your source device's display should appear on your connected display.

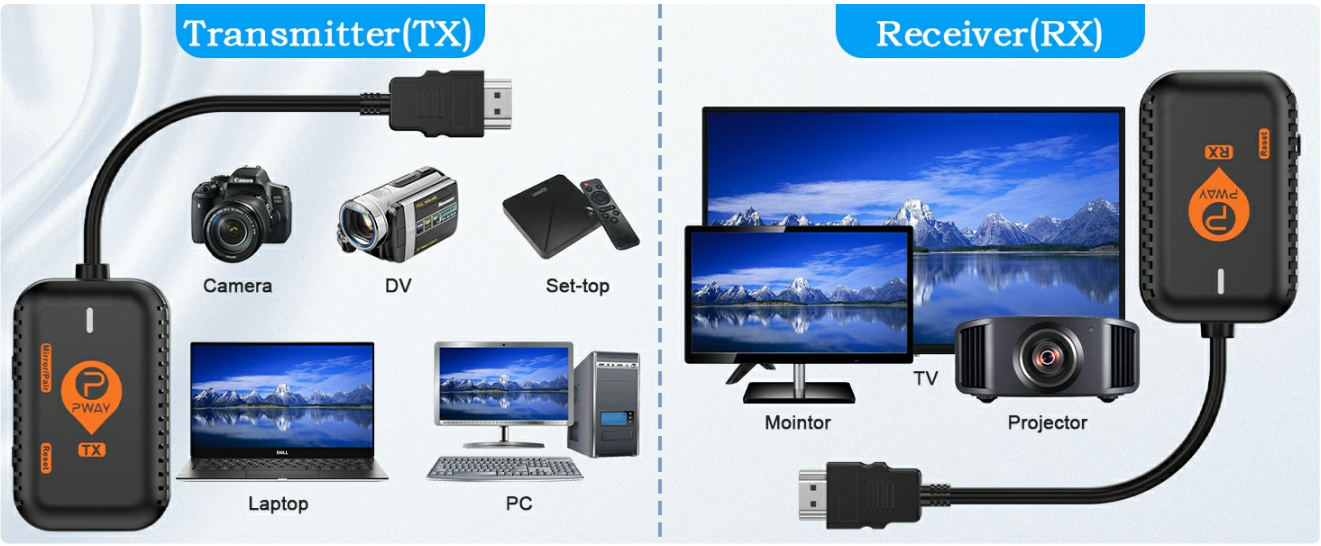


Image: A diagram illustrating the connection of the Transmitter (TX) to a laptop and the Receiver (RX) to a TV, along with other compatible devices.

Your browser does not support the video tag.

Video: An official product video demonstrating the setup and pairing process of the PWAYTEK Wireless HDMI Extender Kit. This video shows how to connect the TX and RX units to your devices and power them up, as well as troubleshooting steps for pairing.

4. Operating Instructions

The PWAYTEK Wireless HDMI Extender Kit offers versatile operating modes to suit your needs:

4.1 Screen Mirroring and Extension Modes

The system supports both screen mirroring and screen extension functions. You can project the exact content from your source device onto the display (mirroring) or extend your desktop to the display, allowing for a multi-screen setup (extension). These modes are typically controlled via your source device's display settings.



Image: A visual representation of the wireless HDMI extender in action, showing a laptop screen mirrored to a large television, highlighting the 5G wireless transmission capability.

4.2 1 Receiver to 8 Transmitters Functionality

For environments requiring multiple source devices to share a single display, this kit supports up to 8 transmitters paired with one receiver (additional transmitters sold separately). This feature is ideal for presentations or collaborative work where switching between different inputs is frequent.

- To switch between paired transmitters, simply press the**"Mirror/Pair"** button on the desired active transmitter.
- Note: Re-pairing may be required when switching between previously paired transmitters.



Image: The wireless HDMI extender facilitating efficient screen sharing in a meeting room, demonstrating its plug-and-play nature without the need for apps or Bluetooth.

5. Specifications

Feature	Detail
Brand	PWAYTEK
Model Name	248-NEW
Connectivity Technology	Wireless (2.4G/5G)
Controller Type	Wireless Screen Mirroring and Extension Modes
Included Components	Wireless HDMI Extender Kit (TX & RX)
Output Resolution	1080P@60Hz (4K decoding supported)

Feature	Detail
Wireless Transmission Distance	Up to 98 feet (30 meters) in open space; Up to 32 feet (10 meters) through walls
Item Weight	10.2 ounces
Product Dimensions	7.6 x 4.4 x 1.1 inches
Compatible Devices	Laptop/PC/TV Box/Projector, PS5/Xbox, DVD, STB, DVR, Camera, DV, Set-top box, Monitor, TV

6. Troubleshooting

If you encounter issues with your PWAYTEK Wireless HDMI Extender Kit, please refer to the following common solutions:

6.1 No Signal / Cannot Match

If the TX and RX units do not automatically pair or show no signal, manual pairing may be required:

1. Ensure both TX and RX units are powered on and connected to their respective devices.
2. On the Receiver (RX) unit, press and hold the**[Reset]** button for 2 seconds. The screen connected to the RX unit should display *"[Ready to Pair]"*.
3. On the Transmitter (TX) unit, press and hold the**[Pair]** button for 5 seconds. Release the button after the LED light turns off and then flashes.
4. The units should complete the matching process within a few seconds and begin working normally.

Refer to the embedded video in the "Setup Guide" section for a visual demonstration of the pairing process.

6.2 Signal Interruption or Lag

Wireless transmission can be affected by distance and obstacles. If you experience signal interruption or lag:

- **Reduce Distance:** Try to place the TX and RX units closer to each other.
- **Minimize Obstacles:** Walls, furniture, and other electronic devices can interfere with the signal. Try to reduce the number of obstacles between the units.
- **Check Power:** Ensure both units are receiving stable power. Use a dedicated USB wall adapter if the USB ports on your devices are not providing sufficient power.
- **Interference:** Other wireless devices operating on 2.4G or 5G frequencies might cause interference. Try to move the extender away from such devices.



Image: A diagram showing the effective transmission range of the wireless HDMI extender, differentiating between open space and transmission through walls, indicating potential signal degradation with obstacles.

7. Maintenance

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

- Keep the units clean and free from dust. Use a soft, dry cloth for cleaning.
- Avoid exposing the units to extreme temperatures, humidity, or direct sunlight.
- Do not attempt to disassemble or repair the units yourself. This will void the warranty and may cause damage.
- Store the units in a cool, dry place when not in use.

8. Warranty and Support

PWAYTEK products are designed for reliability and performance. For specific warranty information and technical support, please refer to the warranty card included in your product packaging or visit the official PWAYTEK website. If you require assistance, please contact PWAYTEK customer service.

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