

## PeakDo PKD-CHD04-HD

# PeakDo Wireless HDMI Transmitter and Receiver User Manual

Model: PKD-CHD04-HD

## INTRODUCTION

Thank you for choosing the PeakDo Wireless HDMI Transmitter and Receiver. This device provides a seamless and high-quality wireless solution for transmitting video and audio signals, eliminating the need for cumbersome cables. It supports 4K decoding and 1080P/60Hz output, making it ideal for various applications including home entertainment, business presentations, and educational settings. This manual will guide you through the setup, operation, and troubleshooting of your new device.

## PRODUCT FEATURES

- **Wireless HD Transmission:** Transmit 4K decoded video with 1080P/60Hz output wirelessly, suitable for streaming movies, videos, and presentations to large screens.
- **High-Speed Stable Transmission:** Equipped with a dual-band chip (2.4G/5G) for fast and strong signal transmission up to 160ft (approx. 48 meters) with low latency (around 0.05s).
- **Wide Compatibility:** Features an HDMI port and includes Mini HDMI to standard HDMI and USB-C to HDMI adapters, ensuring compatibility with a broad range of devices such as laptops, PCs, TV boxes, cameras, gaming consoles (Xbox, PS4/5, Switch), TVs, projectors, and monitors.
- **LED Display and Surface Spraying:** An integrated LED screen provides real-time status updates on connection, power, and signal. The device features a smooth, oil-sprayed surface for comfortable handling and a portable USB stick-like design.
- **Plug and Play Operation:** Devices are pre-paired from the factory for automatic connection within approximately 10 seconds. No network or app installation is required. A dedicated RX button allows for quick disconnection and reconnection to protect privacy.

## PACKAGE CONTENTS

Please verify that all items are present in your package:

- 1 x PeakDo Wireless HDMI Transmitter (TX)
- 1 x PeakDo Wireless HDMI Receiver (RX)
- 1 x Mini HDMI to Standard HDMI Adapter

- 1 x USB-C to HDMI Adapter
- 2 x USB-C Power Cables (for TX and RX power supply)
- 1 x User Manual (this document)



Image: The PeakDo Wireless HDMI Transmitter and Receiver units, along with the included Mini HDMI to HDMI and USB-C to HDMI adapters.

## SETUP GUIDE

Follow these steps to set up your PeakDo Wireless HDMI system:

### Step 1: Install Receiver (RX)

1. Plug the Receiver (RX) into an HDMI input port on your TV, monitor, or projector.
2. Connect the RX unit to a power supply (at least 5V/2A) using the provided USB-C cable. Ensure the power source is stable.



Image: A visual guide illustrating the connection steps for the transmitter and receiver units to their respective devices and power sources.

## Step 2: Install Transmitter (TX)

1. Plug the Transmitter (TX) into the HDMI output port of your source device (e.g., laptop, PC, TV Box, camera). Use the appropriate adapter (Mini HDMI or USB-C) if necessary.
2. Connect the TX unit to a power supply (at least 5V/2A) using the provided USB-C cable.



Image: The transmitter unit connected to a PC's HDMI port, demonstrating a typical setup.

## Step 3: Wait for Connection

The TX and RX units are pre-paired at the factory. They will automatically connect within approximately 10 seconds after both are powered on and connected to their respective devices. No further action is required for initial pairing.

## OPERATING INSTRUCTIONS

### Basic Operation

Once the transmitter and receiver are connected and paired, the content from your source device will automatically mirror or extend to the connected display. The LED display on both units will show connection status, power, and signal strength.

# Efficient meeting setup Plug and play



Image: A business meeting setup demonstrating the wireless HDMI system in use, projecting a laptop screen onto a large display.



**1080P@60Hz Output**  
**Enjoy high definition video on the big screen**



Image: People watching high-definition content on a large TV screen, wirelessly streamed from a laptop using the PeakDo device.

### **Disconnect and Reconnect**

To temporarily disconnect the transmission and protect your personal information, press the RX button on the receiver unit. To reconnect, simply press the RX button again, and the units will automatically re-establish the connection.

### **Transmission Range and Performance**

The PeakDo Wireless HDMI system offers a transmission range of up to 160 feet (approximately 48 meters) in open line-of-sight conditions. The dual-band 2.4G/5G chip ensures a stable and fast connection with minimal latency. While the signal can penetrate walls, obstacles like thick walls or multiple barriers may shorten the effective transmission range or cause signal degradation.

# 160ft Long transmission range & Low latency



Image: An illustration showing the 160ft wireless transmission range between a laptop and a large display in a meeting room setting.

## COMPATIBILITY

The PeakDo Wireless HDMI system is designed for broad compatibility:

- **Transmitter (TX) Compatibility:** Devices with HDMI output, including Laptops, PCs, TV Boxes, Gaming Consoles (Xbox, PS4/5, Nintendo Switch), and Movie Cameras. Includes adapters for Mini HDMI and USB-C ports.
- **Receiver (RX) Compatibility:** Displays with HDMI input, including TVs, Projectors, and Monitors.

# Wide compatibility

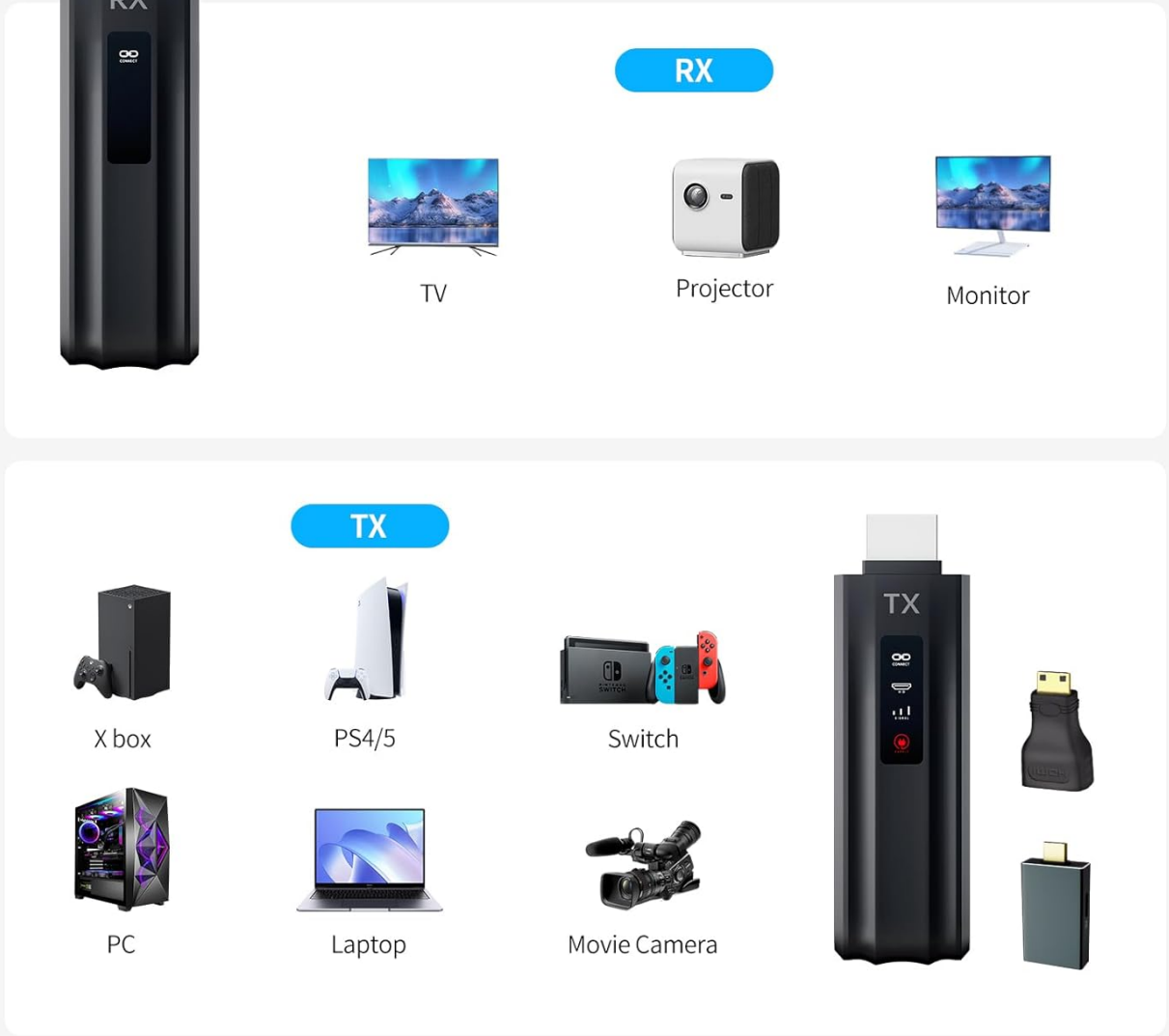


Image: A diagram illustrating the wide range of compatible devices for both the transmitter (TX) and receiver (RX) units, including gaming consoles, PCs, laptops, cameras, TVs, projectors, and monitors.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
No signal on display	Insufficient power supply to TX or RX. Units not properly connected. Units not paired. Incorrect HDMI input selected on display.	Ensure both TX and RX are powered by a stable 5V/2A source. Check LED display for power status. Verify all HDMI and USB-C connections are secure. Wait approximately 10 seconds for automatic pairing. If not connected, try pressing the RX button to re-initiate connection. Select the correct HDMI input on your TV/monitor.



Problem	Possible Cause	Solution
Intermittent signal or poor quality	Distance too far or too many obstacles. Interference from other wireless devices.	Reduce the distance between TX and RX. Minimize obstacles like walls or large furniture. Move the units away from other 2.4G/5G wireless devices (e.g., Wi-Fi routers, cordless phones).
LED display shows error/no status	Power issue. Device malfunction.	Ensure power cables are securely connected and power sources meet the 5V/2A requirement. Try a different power adapter. Contact PeakDo customer support if the issue persists after checking power.

## SPECIFICATIONS

Feature	Detail
Brand	PeakDo
Model Name	PKD-CHD04-HD
Connectivity Technology	Wireless (2.4G/5G Dual-Band)
Connector Type	HDMI
Resolution	4K Decode, 1080p Output
Transmission Range	Up to 160ft (approx. 48 meters)
Latency	Around 0.05s
Power Supply Requirement	5V/2A (for both TX and RX)
Item Weight	6.4 ounces (approx. 181 grams)
Product Dimensions	3.98 x 1.1 x 0.5 inches (approx. 10.1 x 2.8 x 1.3 cm)
Color	Black
Special Features	Screen Mirroring, LED Display

## MAINTENANCE

To ensure the longevity and optimal performance of your PeakDo Wireless HDMI Transmitter and Receiver, please follow these maintenance guidelines:

- Keep the devices clean by wiping them with a soft, dry cloth. Avoid using liquid cleaners or abrasive materials.
- Store the units in a cool, dry place away from direct sunlight, extreme temperatures, and high humidity.
- Avoid dropping or subjecting the devices to strong impacts.
- Do not attempt to disassemble or repair the units yourself, as this will void the warranty and may cause damage.



## WARRANTY AND SUPPORT

PeakDo products are designed for reliability and performance. This product comes with a standard manufacturer's warranty. For specific warranty terms and conditions, please refer to the documentation included with your purchase or visit the official PeakDo website.

If you encounter any issues or have questions regarding your PeakDo Wireless HDMI Transmitter and Receiver, please contact PeakDo customer support. Our team is available to assist you with technical support and service inquiries.

**Contact Information:** Please refer to the contact details provided on the product packaging or the official PeakDo website for the most up-to-date support information.