

Cuifati CUIFATIuscmw5egkl

CUIFATI Wireless HD Multimedia Extender Kit User Manual

Model: CUIFATIuscmw5egkl

1. INTRODUCTION

This manual provides detailed instructions for the CUIFATI Wireless HD Multimedia Extender Kit. This device allows for wireless transmission of high-definition audio and video signals, supporting both 5G and 2.4G dual-band frequencies and 1080P output. It is designed for seamless connectivity between various devices such as PCs, laptops, projectors, and TVs, offering a convenient plug-and-play solution for screen mirroring and extension.

2. PACKAGE CONTENTS

Please verify that all items listed below are included in your package. If any items are missing or damaged, please contact customer support.

- 1 x Wireless HD Multimedia Transmitter
- 1 x Wireless HD Multimedia Receiver
- 2 x USB Power Cables
- 2 x HD Multimedia Interface Cables
- 2 x Antennas
- 1 x User Manual (this document)



Figure 2.1: All components included in the package.

3. PRODUCT OVERVIEW

The CUIFATI Wireless HD Multimedia Extender Kit consists of a transmitter and a receiver, designed for robust and stable wireless signal transmission.


Key Features:

- **Dual Frequency Support:** Operates on both 5G and 2.4G bands for stable and efficient transmission.
- **1080P HD Output:** Delivers high-definition video at 1920x1080P resolution at 60Hz.
- **Screen Mirroring & Extension:** Supports both mirroring your screen and extending your desktop.
- **Long Transmission Distance:** Achieves up to 150 meters (approx. 492 feet) in open environments.
- **Broad Compatibility:** Works with PCs, laptops, cameras, TV boxes, projectors, displays, and HDTVs.
- **Plug and Play:** No software installation or Bluetooth pairing required.
- **Durable Design:** Features a full metal casing for rapid heat dissipation and anti-interference, ensuring product stability.
- **External Antennas:** Enhances signal reception and stability.



 Anti Static Technology
Prevents electronic components from damage caused by static electricity

 Surge Protection Technology
Enhances product stability against surge impacts

 HD 1080P/60Hz
Enjoy high definition visuals

 Wireless Extension
One to one transmission, 150 meter long distance range

Figure 3.1: CUIFATI Wireless Extender Transmitter and Receiver.



Figure 3.2: Metal casing for efficient heat dissipation.

4. SETUP INSTRUCTIONS

The CUIFATI Wireless HD Multimedia Extender Kit is designed for simple plug-and-play operation. Follow these steps for quick setup:

1. **Identify Components:** Distinguish between the Transmitter (labeled 'Transmitter') and the Receiver (labeled 'Receiver').
2. **Attach Antennas:** Screw the provided antennas onto the designated ports on both the Transmitter and Receiver units.
3. **Connect Transmitter:** Plug the Transmitter into the HD Multimedia output port of your source device (e.g., PC, laptop, camera, TV box).
4. **Connect Receiver:** Plug the Receiver into the HD Multimedia input port of your display device (e.g., TV, projector, monitor).
5. **Provide Power (if needed):** If your source device cannot adequately power the Transmitter (e.g., low-power USB port), connect one of the provided USB power cables from the Transmitter's DC5V port to a USB power adapter or a powered USB port. Similarly, if the display device does not provide sufficient

power, connect the Receiver to an external power source using the second USB power cable.

6. **Power On Devices:** Ensure both your source device and display device are powered on.
7. **Select Input:** On your display device, select the correct HD Multimedia input source to view the transmitted content.

The system should automatically establish a connection. No additional drivers or software are typically required.

5. OPERATING INSTRUCTIONS

Once the setup is complete, operating the wireless extender is straightforward.

1. **Automatic Connection:** After connecting and powering both units, they will automatically pair and begin transmitting the signal.
2. **Screen Mirroring:** The default mode is typically screen mirroring, where your source device's display is duplicated on the connected display.
3. **Screen Extension:** To use screen extension (where the connected display acts as a secondary monitor), adjust your display settings on your source device (e.g., Windows Display Settings or macOS System Preferences).
4. **Compatibility:** The extender supports a wide range of devices. Ensure your source device's HD Multimedia output is active and your display's HD Multimedia input is selected.



Large Screen Display
50 meters, mirroring between phones and computers
External antenna for enhanced and more stable reception

Figure 5.1: Screen mirroring and extension capabilities.

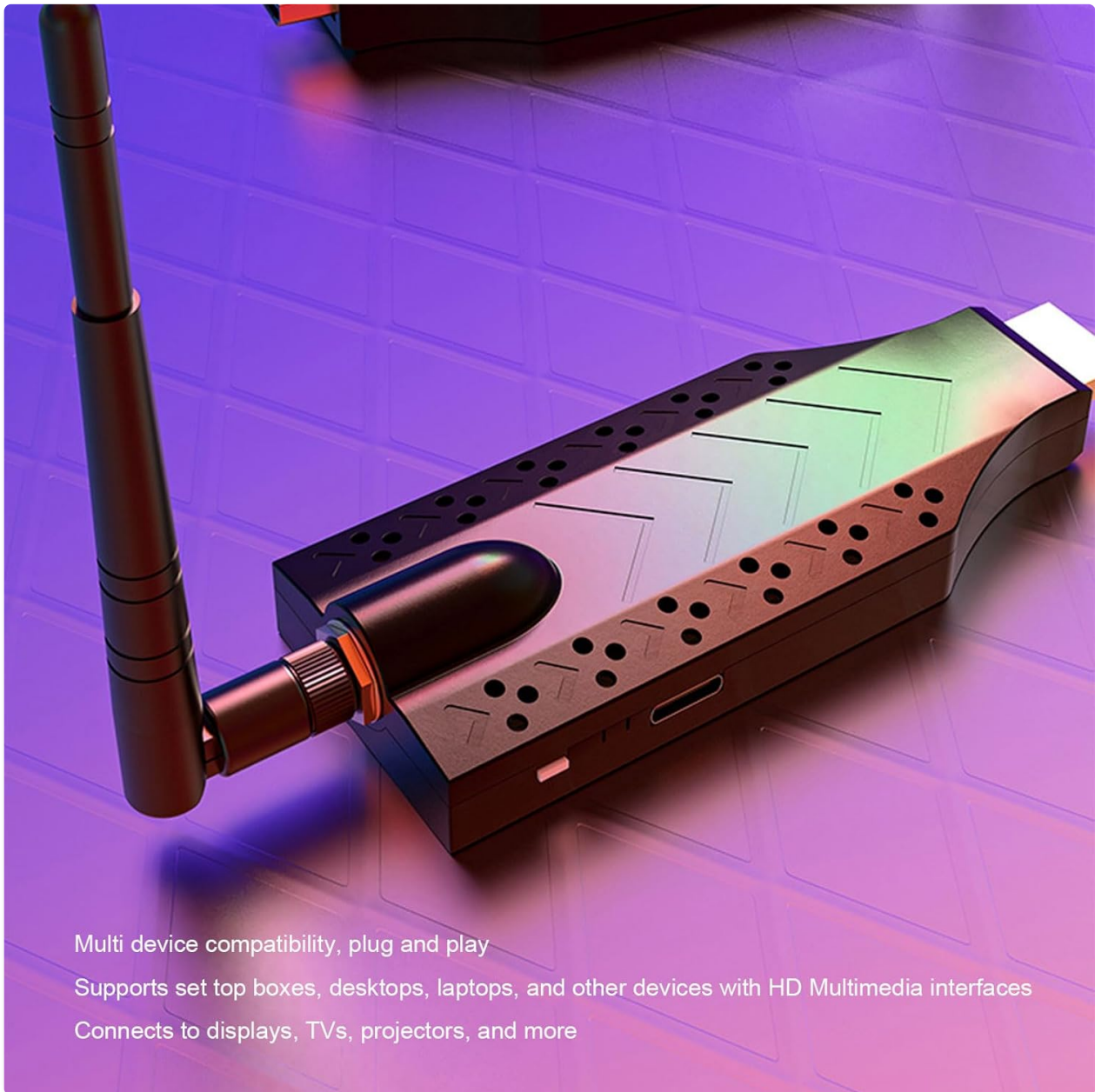


Figure 5.2: Broad device compatibility.

6. MAINTENANCE

To ensure the longevity and optimal performance of your CUIFATI Wireless HD Multimedia Extender Kit, follow these simple maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the units. Avoid using liquid cleaners or solvents, as they may damage the casing or internal components.
- **Storage:** When not in use, 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, especially given their metal casing for heat dissipation.

7. TROUBLESHOOTING

If you encounter issues with your wireless extender, please refer to the following troubleshooting tips:

Problem	Possible Cause	Solution
No signal on display	<ul style="list-style-type: none"> • Incorrect HD Multimedia input selected on display. • Loose or incorrect cable connections. • Insufficient power to Transmitter/Receiver. • Source device not outputting signal. 	<ul style="list-style-type: none"> • Ensure the correct HD Multimedia input is selected on your TV/monitor. • Check all HD Multimedia and USB power cables are securely connected. • Connect USB power cables to a reliable power source for both units. • Verify your source device (PC, laptop) is powered on and configured to output to the HD Multimedia port.
Poor video quality or lag	<ul style="list-style-type: none"> • Excessive distance between Transmitter and Receiver. • Obstructions (walls, furniture) blocking the signal. • Interference from other wireless devices. 	<ul style="list-style-type: none"> • Reduce the distance between the Transmitter and Receiver. • Ensure a clear line of sight between the units if possible. • Minimize obstructions. • Move other wireless devices away from the extender.
No audio	<ul style="list-style-type: none"> • Audio settings on source device. • Audio settings on display device. 	<ul style="list-style-type: none"> • Check audio output settings on your source device to ensure it's sending audio via HD Multimedia. • Verify volume levels and mute settings on both your source and display devices.
Units feel warm	Normal operation, especially with metal casing designed for heat dissipation.	This is normal. Ensure adequate ventilation around the units. If they become excessively hot to touch, disconnect power and contact support.

8. SPECIFICATIONS

Detailed technical specifications for the CUIFATI Wireless HD Multimedia Extender Kit:

- **Item Type:** Wireless HD Multimedia Transmitter and Receiver
- **Material:** Zinc Alloy
- **HD Multimedia Input Resolution:** 1920x1080P at 60Hz (Downward Compatible)
- **HD Multimedia Output Resolution:** 1920x1080P at 60Hz
- **Sound Format Support:** Stereo
- **Maximum Bandwidth Transmission:** 148.5MHz
- **Maximum Transmission Rate:** 1.485Gbps
- **Wireless Frequencies:** 5G and 2.4G Dual Band
- **Transmission Distance:** Up to 150m (approx. 492ft) in open environments
- **Product Size (each unit):** Approx. 108 x 37 x 17mm (4.25 x 1.46 x 0.67 inches)
- **Antenna Size:** Approx. 155mm (6.1 inches)
- **Power Input:** DC 5V (via Micro USB)
- **Compatible Devices:** PCs, Laptops, Cameras, TV Boxes, Projectors, Displays, HDTVs



Figure 8.1: Product dimensions.

9. WARRANTY INFORMATION

The CUIFATI Wireless HD Multimedia Extender Kit is covered by a manufacturer warranty for 90 days from the date of purchase. This warranty covers defects in materials and workmanship under normal use. It does not cover damage caused by misuse, accidents, unauthorized modifications, or external causes.

Please retain your proof of purchase for warranty claims. For warranty service, contact customer support.

10. SUPPORT

For technical assistance, troubleshooting beyond this manual, or warranty inquiries, please contact CUIFATI customer support through the retailer where you purchased the product or visit the official CUIFATI brand store online.

When contacting support, please have your product model number (CUIFAT1uscmw5egkl) and purchase

information readily available.