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› AIMIBO Wireless HDMI Transmitter and Receiver Kit 4K (Model Q3) - Instruction Manual

AIMIBO Q3

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Brand: AIMIBO | Model: Q3

INTRODUCTION

The AIMIBO Wireless HDMI Transmitter and Receiver Kit 4K (Model Q3) provides a seamless solution for wirelessly transmitting video and audio signals. This plug-and-play device eliminates the need for complex wiring, offering a convenient way to cast content from various sources to a monitor, projector, or HDTV. It supports 4K@30Hz resolution and operates on 2.4/5GHz dual-band frequencies for stable transmission with low latency.

WHAT'S IN THE BOX

- 1x HDMI Wireless Transmitter (TX)
- 1x HDMI Wireless Receiver (RX)
- 1x USB-C Cable
- 1x 5G External Antenna & USB C Cable
- 1x Micro/Mini HDMI Adapter

Wide Compatible

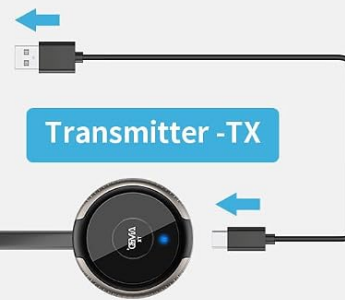
Simply connect RX to TV, connect TX to Blu-ray player, and power them on. Wait 5s for auto sync. Also supports screen mirror to TV via RX.



Output Devices



Screen Mirror



165FT/50M Range



TV



Monitor



Projector

Input devices

Figure 1: Included components of the AIMIBO Wireless HDMI Kit. This image displays the transmitter, receiver, USB-C cables, 5G external antenna, and Micro/Mini HDMI adapters.

Video 1: Unboxing the AIMIBO Wireless HDMI Kit. This video demonstrates the contents of the product packaging.

SETUP INSTRUCTIONS

Follow these steps to set up your AIMIBO Wireless HDMI Kit:

1. **Connect the Receiver (RX):** Plug the 5G external antenna into the RX unit. Connect the RX unit to your monitor, projector, or HDTV via its HDMI connector. Power the RX unit using the provided USB-C cable by plugging it into a USB port on your display device or an external power adapter (5V 2A recommended).
2. **Initial Language Selection:** After powering on the RX, wait 3-5 seconds for the language selection page to appear on your display. Press the middle button on the RX unit to select your preferred language. The operation interface

will then display.

3. **Connect the Transmitter (TX):** Plug the TX unit into the HDMI output port of your source device (e.g., laptop, PC, camera, Blu-ray player, PS5). Power the TX unit using the provided USB-C cable by plugging it into a USB port on your source device or an external power adapter.
4. **Pairing:** Once both RX and TX units are powered on, long-press the middle button on the TX unit for 5-8 seconds. The indicator light on the TX will flash, indicating it is pairing. Once successfully paired, the indicator light will turn solid, and your source device's screen will be mirrored or extended to the display.

Smooth Streaming in 5.8G/2.4G

Built-in 2.4/5.8GHz upgraded chip, almost real time streaming in 4K decoding and full HD 1080p output.



Figure 2: Plug & Play setup diagram. This image illustrates how to connect the transmitter to an output device like a laptop and the receiver to a TV, with power connections.

Video 2: How to connect the AIMIBO Wireless HDMI Kit. This video provides a step-by-step visual guide for connecting the transmitter and receiver units to your devices and display.

OPERATING INSTRUCTIONS

Mirror and Extend Modes

Once connected, your display will automatically mirror your source device's screen. For Windows users, you can press **Win + P** to select between 'Duplicate' (mirror) or 'Extend' modes. Extend mode allows you to use the connected display as a secondary monitor, expanding your workspace.

Multi-Transmitter Support (1 RX to 8 TXs)

The receiver unit can be paired with up to 8 transmitter units. This feature is useful for environments where multiple users need to share content on a single display. To switch between active transmitters, simply press the middle button on the desired TX unit. The display will automatically switch to that source.

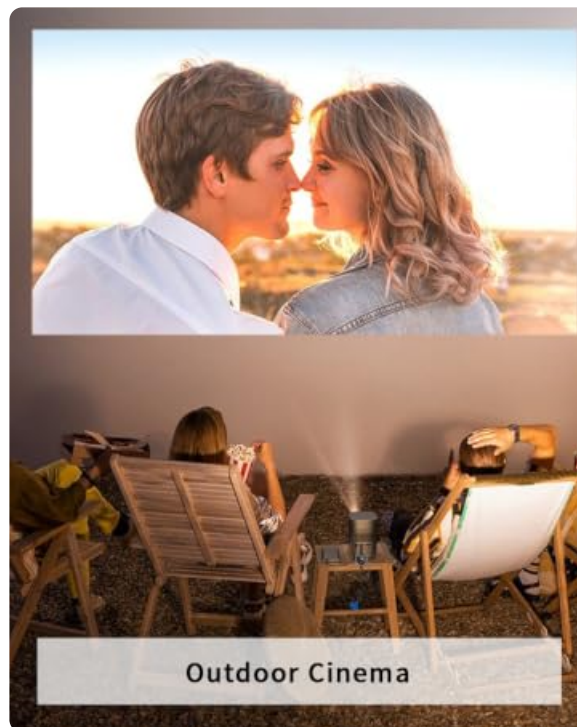


Figure 3: One Receiver (RX) can pair with up to 8 Transmitters (TXs). This diagram illustrates how multiple source devices can connect to a single display.

Phone and Tablet Casting

The receiver unit can directly cast content from iOS, Android, and Windows devices via wireless Miracast, Airplay, or DLNA modes. This allows you to stream content from your smartphone or tablet to a larger screen without needing the TX unit.



Figure 4: Phone and Tablet Casting. This image shows how mobile devices can connect directly to the receiver for screen mirroring.

Video 3: How to connect a phone with the RX unit. This video demonstrates the process of casting content from a mobile phone to the receiver.

Adjustable Wireless Channels

If you experience lag during streaming, you can change your wireless channel by logging into the IP address displayed on the screen via your phone's browser. This helps minimize interference in crowded Wi-Fi environments, ensuring a smoother streaming experience.

SPECIFICATIONS

Feature	Detail
Brand Name	AIMIBO
Item Model Number	Q3
Connectivity Technology	Wireless, Wi-Fi, Micro / Mini HDMI, HDMI
Connector Type	HDMI
Resolution	4K@30Hz
Transmission Range	Up to 165FT / 50 meters (barrier-free environment)
Latency	0.1s (low latency)

Supported Internet Services	Netflix, Prime Video, Sky Go, BT Sport, Tiktok, Youtube, DIRECTV, HULU, Comcast TV, XFINITY, Vudu, Movistar and more (supports encryption screen projection apps)
Controller Type	Android, iOS
Item Weight	7.7 ounces
Product Dimensions	5.5 x 1.98 x 0.78 inches

TROUBLESHOOTING

- **No Signal / "Ready to Pair" Screen:** If the display shows "Ready to Pair" but no signal, ensure both TX and RX units are properly powered. If they were previously paired and the connection is abnormal, you may need to re-pair them. Long-press the middle button on the RX unit for 3-5 seconds, then long-press the middle button on the TX unit for 5-8 seconds until the indicator light is solid.
- **Lag or Intermittent Connection:** Wireless interference can cause lag. Try adjusting the wireless channels by accessing the device's IP address (displayed on the screen) through a mobile browser. Ensure the TX and RX units are within the recommended transmission range (165FT/50M in barrier-free environments; 32FT/10M through walls/floors).
- **Audio Issues:** Some users have reported minor audio lag or incompatibility with HDMI ARC soundbars. Ensure your audio setup is compatible with the HDMI extender.
- **Power Supply:** Both TX and RX units require a stable 5V 2A power supply. If your display's USB port is insufficient, use an external power adapter.

Video 4: How to re-pair AIMIBO wireless HDMI transmitter and receiver. This video guides you through the re-pairing process if the connection is lost or unstable.

MAINTENANCE

To ensure the longevity and optimal performance of your AIMIBO Wireless HDMI Kit:

- Keep the devices clean and free from dust. Use a soft, dry cloth for cleaning.
- Avoid exposing the units to extreme temperatures, humidity, or direct sunlight.
- Handle the HDMI connectors and cables with care to prevent damage.
- Store the kit in a cool, dry place when not in use.

WARRANTY AND SUPPORT

For warranty information, technical support, or any inquiries regarding your AIMIBO Wireless HDMI Transmitter and Receiver Kit, please contact AIMIBO-US customer service directly. Refer to the product packaging or the official AIMIBO website for contact details.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question