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› [TIMBOOTECH Wireless HDMI Transmitter and Receiver 4K \(Model Q3\) User Manual](#)

TIMBOOTECH Q3

TIMBOOTECH Wireless HDMI Transmitter and Receiver 4K (Model Q3) User Manual

Model: Q3



1. INTRODUCTION

This manual provides detailed instructions for the TIMBOOTECH Wireless HDMI Transmitter and Receiver 4K, Model Q3. This device allows for wireless transmission of video and audio signals from various HDMI-enabled sources to a display, projector, or HDTV. Please read this manual thoroughly before use to ensure proper setup and operation.



Image: The TIMBOOTECH Wireless HDMI Transmitter (TX) and Receiver (RX) units, along with Micro HDMI and Mini HDMI adapters.

2. WHAT'S IN THE BOX

Please verify that all items listed below are included in your package:

- 1 x TIMBOOTECH Wireless HDMI Transmitter (TX)
- 1 x TIMBOOTECH Wireless HDMI Receiver (RX)
- 1 x USB C Cable (for power)
- 1 x External Antenna (for RX)
- 1 x Micro HDMI Adapter
- 1 x Mini HDMI Adapter
- 1 x User Manual

FEATURES	TIMBOOTECH	OTHER BRAND
External Antenna	✓	✗
More Stable	✓	✗
Up to 8 TXs	✓	✗
Adjustable WiFi Channels	✓	✗
2.4G & 5G	✓	✗
Screen Mirror Function	✓	✗
4K Resolution	✓	✗
Customize Startup Interface	✓	✗



No More Interruptions
Enjoy Seamless Video Viewing with TIMBOOTECH External Antenna Wireless HDMI Kit

Image: A visual representation of the complete package contents, including the transmitter, receiver, cables, adapters, and manual.

3. PRODUCT OVERVIEW

The TIMBOOTECH Wireless HDMI system consists of two main components:

- **Transmitter (TX):** Connects to your source device (e.g., laptop, camera, cable box) via HDMI to send the signal wirelessly.
- **Receiver (RX):** Connects to your display device (e.g., TV, monitor, projector) via HDMI to receive the wireless signal.

The system supports 4K resolution at 30Hz and utilizes 2.4G/5G dual-band transmission for stable connectivity. It is designed for plug-and-play operation, requiring no software installation or Wi-Fi network for direct transmission.



Image: The underside of the device, displaying the model number Q3 and power requirements.

4. SETUP INSTRUCTIONS

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

1. Connect the Receiver (RX):

Plug the Receiver (RX) into an HDMI input port on your display device (TV, monitor, or projector). Connect the external antenna cable to the RX unit. Power the RX unit by connecting the USB C cable to a 5V/1A USB power source (e.g., a TV USB port or a USB power adapter, not included).

2. Connect the Transmitter (TX):

Plug the Transmitter (TX) into the HDMI output port of your source device (e.g., laptop, camera, cable box). If your source device has a Micro HDMI or Mini HDMI port, use the appropriate adapter provided. Power the TX unit by connecting its USB C cable to a 5V/1A USB power source (e.g., your laptop's USB port or a USB power adapter).

3. Automatic Pairing:

The Transmitter and Receiver are pre-paired from the factory. Once both units are powered on and connected,

they should automatically establish a connection within approximately 5 seconds. The indicator lights on both units will show a stable connection.

4. Select Input:

Switch your display device to the correct HDMI input channel where the Receiver (RX) is connected.



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

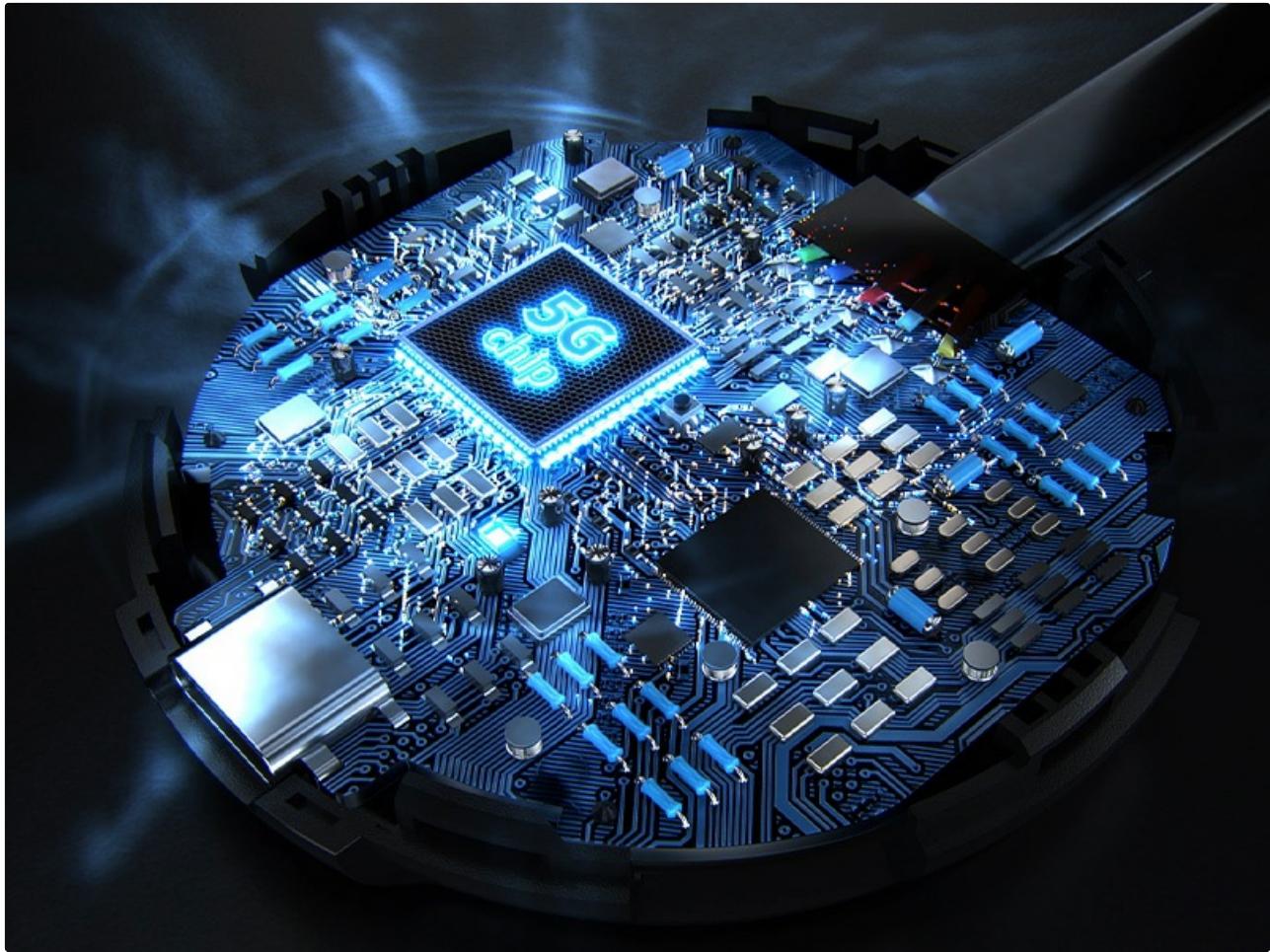


Image: The transmitter connected to a camera, demonstrating compatibility with various HDMI output devices.

5. OPERATING INSTRUCTIONS

5.1. Mirror and Extend Modes

The system supports both Mirror and Extend display modes when connected to a computer:

- **Mirror Mode:** Duplicates your source device's screen onto the connected display.
- **Extend Mode:** Extends your source device's desktop, allowing for a multi-screen setup where you can drag windows between displays.

To switch between modes, adjust your computer's display settings (e.g., Windows Display Settings or macOS System Preferences).



Image: Comparison of Mirror Mode and Extend Mode functionality.

5.2. Multiple Transmitters (Up to 8 TXs)

One Receiver (RX) can be paired with up to eight Transmitters (TXs) simultaneously. This feature is useful for presentations or environments where multiple sources need to share a single display.

- To switch between active Transmitters, press the button on the desired TX unit.
- To disconnect a Transmitter, press its button once. Press again to reconnect.

1 RX to 8 TXs

This wireless HDMI kit supports one receiver to 8 transmitters simultaneously, switch by clicking the middle button of TX



Image: A meeting room setup demonstrating one receiver connected to a display, receiving input from multiple transmitters connected to laptops.

5.3. Wireless Casting from Smartphones/Tablets

The Receiver (RX) alone can enable wireless screen mirroring from Android phones, tablets, iPhones, and iPads to a TV, monitor, or projector using protocols like Miracast, DLNA, and Airplay. This functionality does not require the Transmitter (TX).

- Connect your mobile device to the Receiver's Wi-Fi hotspot.
- Activate screen mirroring (Smartview for Android, Screen Mirroring for iOS) on your mobile device and select the Receiver.

5.4. Customizable Settings

The receiver allows for customization of the startup interface, switching between portrait and landscape modes, modifying account names and passwords, and adjusting channel settings. Refer to the on-screen menu accessible via the receiver for these options.

6. MAINTENANCE

- Keep the devices clean and free from dust. Use a soft, dry cloth for cleaning.
- Avoid exposing the devices to extreme temperatures, humidity, or direct sunlight.
- Do not attempt to disassemble or repair the units yourself. This will void the warranty.
- Ensure proper ventilation around the units during operation to prevent overheating.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No signal on display	<ul style="list-style-type: none">• Incorrect HDMI input selected on display.• TX or RX not powered on.• Units not paired.• Loose HDMI or USB connections.	<ul style="list-style-type: none">• Ensure display is on the correct HDMI input.• Verify both TX and RX are powered and indicator lights are on.• Re-plug TX and RX to initiate re-pairing.• Check all cable connections.
Poor video quality or flickering	<ul style="list-style-type: none">• Signal interference.• Distance too far or obstructions.• Low power supply.	<ul style="list-style-type: none">• Reduce distance between TX and RX.• Remove obstructions (walls, furniture).• Ensure TX and RX receive stable 5V/1A power.• Avoid placing near other wireless devices.
Short transmission range	<ul style="list-style-type: none">• Obstructions (walls, floors).• Interference from other devices.	<ul style="list-style-type: none">• Position units in line-of-sight if possible.• Ensure external antenna is properly connected to RX.• Minimize obstacles between TX and RX.
Mobile device screen mirroring fails	<ul style="list-style-type: none">• Not connected to RX hotspot.• Incorrect mirroring protocol.	<ul style="list-style-type: none">• Connect your phone/tablet to the RX's Wi-Fi hotspot.• Ensure your device supports Miracast, DLNA, or Airplay and it's enabled.

8. SPECIFICATIONS

Feature	Detail
Brand	TIMBOOTECH
Model Number	Q3
Connectivity Technology	Wireless, HDMI, Micro/Mini HDMI, Wifi

Feature	Detail
Wireless Transmission	2.4G/5G Dual-Band Protocol
Max Resolution	4K@30Hz (Receiver), 1080p (TX to RX)
Transmission Range	Up to 165FT/50M (line of sight); 32FT/10M (through walls/floors)
Latency	<0.1S
Multi-Transmitter Support	1 Receiver pairs with up to 8 Transmitters
Screen Mirroring Protocols	Miracast, DLNA, Airplay (Receiver only)
Compatible Devices	Laptop, PC, Blu-ray Player, Camera, DVD, DSLR, Set-top boxes, Cable/Satellite boxes, Tablet, iPhone, iPad, Television, Monitor, Projector
Power Input	5V/1A (via USB C)
Item Weight	8.8 ounces
Product Dimensions	5.51 x 1.98 x 0.78 inches



Image: A feature comparison table detailing the capabilities of the TIMBOOTECH Wireless HDMI system.

9. WARRANTY AND SUPPORT

9.1. Warranty Information

TIMBOOTECH provides a 24-month warranty for this product, ensuring a pleasant experience. This includes a 30-day money-back return and refund guarantee, and a 1-year free replacement for manufacturing defects.

9.2. Customer Support

For any questions, technical assistance, or warranty claims, please contact TIMBOOTECH customer service. Expert customer service is available 7 days a week, 24 hours a day via WhatsApp or email.

Refer to the contact information provided in your product packaging or on the official TIMBOOTECH website for the most current support details.

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