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TTQ TR30

TTQ Wireless HDMI Transmitter and Receiver User Manual

Model: TR30 | Brand: TTQ

1. INTRODUCTION

The TTQ Wireless HDMI Transmitter and Receiver (Model TR30) provides a seamless, plug-and-play solution for extending HDMI signals wirelessly. This device supports 4K decoding and 1080P output at 60Hz, offering crystal-clear visuals for various applications. With dual-band 2.4G/5G connectivity and an advanced LDS antenna, it ensures stable and high-speed transmission up to 100 feet with minimal delay. This manual provides detailed instructions for setup, operation, and maintenance of your TTQ Wireless HDMI system.



Figure 1: TTQ Wireless HDMI Transmitter (TX) and Receiver (RX) units.

2. WHAT'S IN THE BOX

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

- 1 x Wireless HDMI Transmitter (TX)
- 1 x Wireless HDMI Receiver (RX)
- 1 x User Manual
- 1 x Quick Guide
- 2 x HDMI Converters
- 2 x Type-C Cables
- 1 x Extended Cable



Figure 2: Package contents including transmitter, receiver, cables, and adapters.

3. SETUP GUIDE

The TTQ Wireless HDMI system is designed for plug-and-play operation, requiring no software installation, Wi-Fi, Bluetooth, or apps.

3.1 Initial Connection

1. Connect the **Transmitter (TX)** unit to the HDMI output port of your source device (e.g., laptop, PC, TV Box, camera). If your source device has a USB-C port, use the provided HDMI converter.
2. Connect the **Receiver (RX)** unit to the HDMI input port of your display device (e.g., TV, monitor, projector).
3. Ensure both the TX and RX units are powered. The Type-C cables can be used to provide additional power if needed, connecting them to a USB power source (e.g., USB port on your device or a USB power adapter).
4. Wait approximately 10-15 seconds for the devices to automatically pair and establish a connection. The display will then mirror or extend your source device's screen.

Your browser does not support the video tag.

Video 1: Quick setup and connection demonstration for the TTQ Wireless HDMI system.

3.2 Device Compatibility

The system supports a wide range of devices. One Receiver (RX) can pair with up to eight Transmitters (TX), allowing for efficient switching between multiple sources.

Transmitter (TX) Compatible Devices: PC, Laptop, Cameras, DV, TV Box.

Receiver (RX) Compatible Devices: Projector, Monitor, HDTV.

Note: This system does not support direct connection with smartphones or iPads.

Compatible Devices

1 RX supports up to 8 TX.

Transmitter(TX)

- Camera
- DV
- TV Box
- PC
- Laptop

Receiver (RX)

- TV
- Monitor
- Projector

Not Compatible With Phone/Tablet •

Figure 3: Overview of compatible input (TX) and output (RX) devices.

4. OPERATING INSTRUCTIONS

4.1 Connecting and Disconnecting

Once the TX and RX units are connected and powered, they will automatically establish a connection. To manually connect or

disconnect, simply press the button on the TX unit. This feature provides privacy protection and quick control over your display.

4.2 Display Modes (for PC)

When connecting a PC, you can switch between two display modes:

- **Copy Mode (Duplicate Mode):** Displays the same content on both your PC screen and the external display.
- **Extended Mode:** Extends your PC's desktop across both screens, allowing you to have different content on each display.

To switch between these modes, press the button on the TX unit. The system will toggle between duplicate and extended display modes.

The image is a promotional graphic divided into two main sections. The top section, titled "2 Connection Modes for PC", shows a large TV and a laptop. The TV displays a mountain landscape, and the laptop displays the same landscape. A wireless signal icon is shown between them. Below the TV, the text reads "Copy Mode Display the same images." To the right of the laptop, the text reads "Extended Mode Display different images." The bottom section, titled "2.4G&5G Dual-Band Auto Switch Built-in LDS antenna, faster, longer and more stable.", shows a TV displaying a motorcycle. A vertical dashed line divides the screen. To the left of the line, the text "5G" is displayed, and to the right, "2.4G" is displayed. Below the TV, the text reads "Faster and more stable connection" on the left and "Longer transmission distance" on the right.

Figure 4: Illustration of Copy Mode and Extended Mode for PC users.

5. KEY FEATURES

- **Plug-and-Play Operation:** No drivers, software, Wi-Fi, Bluetooth, or apps are required. Simply connect the units to your devices and they will automatically pair.

- **Crystal Clear Image Quality:** Supports 4K decoding and 1080P output at a 60Hz refresh rate, providing high-definition visuals for an immersive viewing experience.
- **Dual-Band 2.4G/5G Transmission:** Equipped with a dual-band chip and an advanced LDS antenna, ensuring stable, fast, and long-range transmission.
- **Extended Range:** Achieves reliable wireless transmission up to 100 feet (30 meters), even through walls or ceilings, making it suitable for various environments.
- **Ultra-Low Latency:** Experience nearly no delay (less than 0.01 seconds), ideal for real-time streaming, gaming, and presentations.
- **Multi-Scenario Application:** Perfect for both home entertainment (watching movies, gaming) and professional use (business presentations, large conferences, teaching).
- **Compact and Portable Design:** Small and lightweight units are easy to carry, reducing cable clutter and simplifying setup in any location.



Figure 5: The TTQ Wireless HDMI system offers stable transmission up to 100 feet.

Multi-scenario

Support both business presentation and home entertainment.



Figure 6: Versatile applications for the TTQ Wireless HDMI system in different environments.

6. SPECIFICATIONS

Feature	Description
Product Dimensions	2.79 x 2.09 x 0.55 inches
Item Weight	9.9 ounces
Model Number	TR30
Connectivity Technology	HDMI (Wireless)
Controller Type	Button Control
Special Feature	Compact Design, Plug and Play, 4K Supported

Compatible Devices (TX)	PC, Laptop, Cameras, DV, TV Box
Compatible Devices (RX)	Television, Monitor, Projector
Total HDMI Ports	2 (1 on TX, 1 on RX)
Connector Type	HDMI
Audio Output Mode	Surround
Surround Sound Channel Configuration	5.1 or 7.1
Video Encoding	H.264, H.265/HEVC
Wireless Frequency	2.4G/5G Dual Band
Transmission Range	Up to 100 feet (30 meters)
Latency	<0.01s

7. TROUBLESHOOTING

If you encounter issues with your TTQ Wireless HDMI system, please refer to the following common solutions:

- **No Signal on Display:**

- Ensure both the Transmitter (TX) and Receiver (RX) units are properly connected to their respective HDMI ports and are receiving power.
- Verify that the display device is set to the correct HDMI input source.
- Allow 10-15 seconds for the units to establish a connection after powering on.
- Try pressing the button on the TX unit to re-initiate the connection.
- Test with different HDMI ports or cables if available.

- **Poor Image Quality or Flickering:**

- Ensure the TX and RX units are within the recommended 100ft range and there are no significant obstructions (e.g., thick walls, metal objects) between them.
- Minimize interference from other wireless devices operating on 2.4G or 5G frequencies.
- Check if the source device's resolution is compatible with the display and the TTQ system's capabilities (supports 4K decoding, 1080P output).
- Ensure both units are receiving stable power.

- **Audio Issues:**

- Verify that the audio output settings on your source device are correctly configured.
- Check the volume levels on both your source device and the display device.
- Ensure the HDMI connection is secure.

- **Units Not Pairing:**

- Power cycle both the TX and RX units by disconnecting and reconnecting their power sources.
- Ensure they are within close proximity during initial pairing.

8. MAINTENANCE

To ensure the longevity and optimal performance of your TTQ Wireless HDMI system, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the units. Do not use liquid cleaners or aerosols.
- **Storage:** Store the units in a cool, dry place away from direct sunlight and extreme temperatures when not in use.
- **Handling:** Avoid dropping the units or subjecting them to strong impacts.
- **Ventilation:** Ensure the units have adequate ventilation and are not covered during operation to prevent overheating.

9. WARRANTY AND SUPPORT

TTQ products are manufactured to high-quality standards. For information regarding warranty coverage, technical support, or service inquiries, please refer to the contact information provided on the product packaging or visit the official TTQ website. Please retain your proof of purchase for warranty claims.

