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› [Taiahiro Wireless Mechanical Keyboard and Mouse Combo \(Model BK6301\) User Manual](#)

Taiahiro BK6301

Taiahiro Wireless Mechanical Keyboard and Mouse Combo (Model BK6301) User Manual

Comprehensive instructions for setup, operation, maintenance, and troubleshooting.

1. INTRODUCTION

Thank you for choosing the Taiahiro Wireless Mechanical Keyboard and Mouse Combo (Model BK6301). This combo is designed to enhance your gaming and productivity experience with its versatile connectivity options, responsive mechanical switches, and customizable RGB backlighting.

This manual provides detailed instructions to help you set up, operate, and maintain your new keyboard and mouse combo. Please read it thoroughly before use.

Key Features:

- Tri-Mode Connectivity:** Seamlessly switch between 2.4GHz wireless, Bluetooth 5.0, and USB-C wired connections.
- Mechanical Switches:** Durable and responsive switches for satisfying tactile and audible feedback.
- RGB Backlighting:** 8 customizable lighting modes with adjustable brightness and speed.
- Adjustable DPI Mouse:** High-precision optical sensor with 4 adjustable DPI levels (800/1600/2400/3200).
- Ergonomic Design:** Keyboard with adjustable feet and a contoured mouse for comfortable use.
- Long Battery Life:** Keyboard equipped with a 4000mAh rechargeable battery.

2. SETUP

2.1 Unboxing and Package Contents

Upon opening the package, ensure all components are present:

- Taiahiro Wireless Mechanical Keyboard (Model BK6301)
- Taiahiro Wireless Gaming Mouse

- USB-C Cable (for keyboard charging and wired connection)
- 2.4G USB Receiver (stored in the keyboard's back compartment)
- Mouse Pad
- Keycap Puller
- Extra Mechanical Switches (2 pieces)
- User Manual



Video: Unboxing the Taiahiro Wireless Mechanical Gaming Keyboard and Mouse Combo. This video demonstrates the unboxing process and shows the contents of the package, including the keyboard, mouse, USB-C cable, and other accessories.

2.2 Keyboard Connection

The keyboard supports three connection modes: USB-C wired, 2.4G wireless, and Bluetooth 5.0.

2.2.1 USB-C Wired Mode

1. Connect the provided USB-C cable to the keyboard's USB-C port.
2. Plug the other end of the USB-C cable into an available USB port on your computer.
3. The keyboard will automatically be recognized and ready for use.

2.2.2 2.4G Wireless Mode

1. Locate the 2.4G USB receiver in the compartment on the back of the keyboard.
2. Plug the 2.4G USB receiver into an available USB port on your computer.
3. Toggle the switch on the left side of the keyboard to the '2.4G' position.
4. Press **Fn + R** on the keyboard to activate 2.4G mode. The indicator light will show successful connection.

2.2.3 Bluetooth 5.0 Mode (BT1, BT2, BT3)

1. Toggle the switch on the left side of the keyboard to the 'BT/2.4G' position.
2. Long press **Fn + Q** (for BT1), **Fn + W** (for BT2), or **Fn + E** (for BT3) until the corresponding indicator light flashes rapidly. This indicates the keyboard is in Bluetooth pairing mode.
3. On your device (PC, laptop, tablet, smartphone), go to Bluetooth settings and search for new devices.
4. Select 'KB-6301BT_1', 'KB-6301BT_2', or 'KB-6301BT_3' from the list to pair.
5. Once connected, the indicator light will stop flashing and remain solid.

Video: Taiahiro KB-6301 Bluetooth Mechanical Keyboard Connect Guide. This video provides a visual guide on how to connect the keyboard via Bluetooth.

2.3 Mouse Connection

The mouse supports 2.4G wireless and Bluetooth connections.

2.3.1 2.4G Wireless Mode

1. Insert one AA battery (not included) into the mouse battery compartment.
2. Ensure the 2.4G USB receiver is plugged into your computer.
3. Turn on the mouse using the switch on its underside. It will automatically connect to the receiver.

2.3.2 Bluetooth Mode

1. Insert one AA battery (not included) into the mouse battery compartment.
2. Turn on the mouse using the switch on its underside and switch it to Bluetooth mode (if applicable, some

mice have a dedicated BT switch or button).

3. On your device, go to Bluetooth settings and search for new devices.
4. Select the mouse from the list to pair.

3. OPERATING INSTRUCTIONS

3.1 Keyboard Functions

3.1.1 RGB Backlighting Control

The keyboard features 8 different RGB lighting modes. Use the following key combinations to control the backlighting:

- **Fn + Home:** Cycle through 8 different backlight modes.
- **Fn + ↑ / ↓:** Adjust backlight brightness (5 levels).
- **Fn + ← / →:** Adjust backlight speed (5 levels).

Video: Taiahiro RGB Backlighting Display with 9 Backlit Modes. This video demonstrates the various RGB backlighting modes and adjustments.

3.1.2 Switching Connectivity Modes

To switch between connected devices or modes:

- **Fn + Q:** Switch to Bluetooth Device 1.
- **Fn + W:** Switch to Bluetooth Device 2.
- **Fn + E:** Switch to Bluetooth Device 3.
- **Fn + R:** Switch to 2.4G Wireless Mode.

3.1.3 Multimedia Keys

Use the **Fn** key in combination with the F-keys for multimedia control:

- **Fn + F1-F12:** Access various multimedia functions (e.g., volume control, media playback, email, web browser). Refer to the keycap legends for specific functions.

3.1.4 Ergonomic Design

The keyboard features adjustable feet on the underside to change the typing angle for improved comfort.

Image: Ergonomic Design with Adjustable Keyboard Stand. This image illustrates the adjustable feet on the keyboard for ergonomic positioning.

3.2 Mouse Functions

3.2.1 DPI Adjustment

The mouse offers 4 adjustable DPI levels for precise cursor control:

- Press the DPI button (usually located behind the scroll wheel) to cycle through 800, 1600, 2400, and 3200 DPI settings.



Image: Double Mode Wireless Gaming Mouse with 4 DPI Levels. This image highlights the mouse's adjustable DPI settings and ergonomic shape.

3.2.2 Forward/Back Buttons

The mouse includes side buttons for convenient navigation in web browsers and other applications.

4. MAINTENANCE

4.1 Cleaning the Keyboard

The keyboard features removable keycaps for easy cleaning:

1. Use the provided keycap puller to carefully remove the keycaps.
2. Clean the keycaps with a soft, damp cloth.
3. Use compressed air or a small brush to remove dust and debris from the keyboard base.
4. Ensure all parts are dry before reattaching the keycaps.



Image: Removable Keycaps for Easy Cleaning. This image shows the keyboard with some keycaps removed, illustrating the ease of cleaning.

4.2 Keyboard Battery Charging

The keyboard has a built-in 4000mAh rechargeable battery:

- Connect the USB-C cable to the keyboard and a power source (e.g., computer USB port, USB wall

adapter) to charge.

- The indicator light will show charging status.
- The keyboard features smart energy-saving functions, entering sleep mode after 3 minutes of inactivity. Press any key to wake it up.

4.3 Mouse Battery Replacement

The mouse uses one AA battery:

- Open the battery compartment on the underside of the mouse.
- Replace the old AA battery with a new one, ensuring correct polarity.
- Close the battery compartment securely.

5. TROUBLESHOOTING

5.1 Keyboard/Mouse Not Connecting

- **Check Power:** Ensure both devices are powered on and the keyboard battery is charged.
- **Verify Mode:** Make sure the keyboard is in the correct mode (2.4G or Bluetooth) for your connection type.
- **Re-pair Bluetooth:** If using Bluetooth, try re-pairing the device by long-pressing Fn+Q/W/E until the indicator flashes, then re-selecting it in your device's Bluetooth settings.
- **USB Receiver:** For 2.4G, ensure the USB receiver is securely plugged into a working USB port. Try a different USB port.
- **Wired Connection:** If wireless connection fails, try connecting the keyboard via USB-C cable to confirm functionality.

5.2 Backlight Not Working or Incorrect

- **Adjust Brightness:** Press Fn + ↑ to increase brightness.
- **Change Mode:** Press Fn + Home to cycle through different lighting modes.
- **Battery Level:** Low battery may affect backlight performance. Charge the keyboard.

5.3 Keys Not Responding

- **Check Connection:** Ensure the keyboard is properly connected (wired, 2.4G, or Bluetooth).
- **Reboot:** Restart your computer and the keyboard.
- **Clean Keys:** Remove keycaps and clean any debris that might be obstructing the switches.
- **Replace Switch:** If a specific key consistently fails, consider replacing the mechanical switch using the provided spare switches and keycap puller.

5.4 Mouse Tracking Issues

- **Clean Sensor:** Ensure the optical sensor on the underside of the mouse is clean and free of debris.
- **Surface:** Use the mouse on a clean, flat, non-reflective surface, preferably the included mouse pad.
- **DPI Setting:** Adjust the DPI setting to a suitable level for your usage.
- **Battery:** Replace the AA battery in the mouse if tracking becomes erratic.

6. SPECIFICATIONS

Feature	Specification
Product Dimensions	5.2 x 1.8 x 14.7 inches
Item Weight	2.92 pounds
Item Model Number	BK6301
Batteries	1 Lithium Ion battery (included for keyboard), 1 AA battery (not included for mouse)
Connectivity Technology	2.4GHz, Bluetooth, USB-C
Special Features	Ergonomic, RGB Backlit, Rechargeable, Triple-Mode Connectivity, Wireless Adjustable DPI Gaming Mouse
Compatible Devices	Laptop, Personal Computer, Smartphone, Tablet

7. WARRANTY AND SUPPORT

Taiahiro products are manufactured with high-quality standards. For warranty information, please refer to the documentation included in your product packaging or contact Taiahiro customer support directly.

If you encounter any issues or have questions regarding your Taiahiro Wireless Mechanical Keyboard and Mouse Combo, please contact our customer support team:

- **Manufacturer:** Taiahiro Tech
- **Email:** service@taiahiro.com
- **Online Support:** Visit the [Taiahiro Store on Amazon](#) for FAQs and additional resources.