Taiahiro BK6302

Taiahiro BK6302 Wireless Mechanical Keyboard User Manual

Model: BK6302

1. INTRODUCTION

Thank you for choosing the Taiahiro BK6302 Wireless Mechanical Keyboard. This keyboard features a 100-key layout with hot-swappable silent linear switches, versatile triple-mode connectivity (Bluetooth 5.0, 2.4GHz wireless, and USB-C wired), vibrant RGB backlighting, and an ergonomic design with an included wrist rest. This manual provides detailed instructions to help you set up, operate, and maintain your new keyboard.

The Taiahiro BK6302 Wireless Mechanical Keyboard with its ergonomic wrist rest.

2. PACKAGE CONTENTS

Please verify that all items are present in your package:

- Taiahiro BK6302 Wireless Mechanical Keyboard
- Detachable Wrist Rest
- USB-C Cable
- Keycap & Switch Puller
- Replacement Switches (x2)
- 2.4GHz Wireless Receiver
- Instruction Manual

All components included in the Taiahiro BK6302 package.

3. SETUP

3.1 Unboxing and Initial Inspection

Carefully remove all components from the packaging. Inspect the keyboard and accessories for any signs of damage. It is recommended to fully charge the keyboard before first use.

Watch this video for a visual guide on unboxing the Taiahiro Wireless Mechanical Keyboard.

3.2 Charging the Keyboard

Connect the provided USB-C cable to the keyboard's USB-C port and the other end to a power source (e.g., computer USB port, wall adapter). The keyboard features a 3000mAh lithium battery, providing extended playtime. A full charge typically takes approximately 3 hours.

The keyboard features a 3000mAh battery for long-lasting performance.

3.3 Connectivity Modes

The Taiahiro BK6302 keyboard supports three connection modes: 2.4GHz Wireless, Bluetooth 5.0, and USB-C Wired.

The keyboard offers versatile triple-mode connectivity for various devices.

This video demonstrates the three modes of wireless mechanical gaming keyboard connectivity.

3.3.1 2.4GHz Wireless Mode

1. Locate the 2.4GHz USB dongle stored in the compartment on the back of the keyboard.
2. Plug the USB dongle into an available USB port on your computer.
3. Ensure the keyboard's mode switch (usually on the side or back) is set to 2.4G mode. The keyboard should automatically connect.

This video shows how to swap keycaps and switches easily using the included puller, also demonstrating the 2.4GHz receiver location.

3.3.2 Bluetooth 5.0 Mode

The keyboard can connect to up to three Bluetooth devices.

1. Set the keyboard's mode switch to Bluetooth mode.
2. Press and hold **Fn + Q**, **Fn + W**, or **Fn + E** for 3-5 seconds until the corresponding key flashes quickly. This indicates pairing mode.

3. On your device (computer, tablet, smartphone), enable Bluetooth and search for "Taiahiro BK6302" (or similar name).

4. Select the keyboard to pair. The flashing key will become solid once connected.

3.3.3 USB-C Wired Mode

1. Connect the USB-C cable to the keyboard's USB-C port and the other end to your computer's USB port.

2. The keyboard will automatically switch to wired mode and function without needing a wireless connection.

4. OPERATING INSTRUCTIONS

4.1 Key Functions and Layout

The BK6302 features a 100-key layout, providing a compact design while retaining essential keys including a numeric keypad. Familiarize yourself with the standard key layout.

4.2 RGB Backlighting

The keyboard offers 6-color Rainbow Backlighting with 24 different lighting modes. You can adjust the brightness and breathing speed to suit your preferences.

- **Change Lighting Mode:** Press **Fn + Home** to cycle through 24 different lighting modes.
- **Adjust Brightness:** Press **Fn + Up Arrow** to increase brightness, **Fn + Down Arrow** to decrease brightness (5 levels).
- **Adjust Speed:** Press **Fn + Left Arrow** to decrease speed, **Fn + Right Arrow** to increase speed (5 levels).

Control your keyboard's immersive RGB backlighting with dedicated function key combinations.
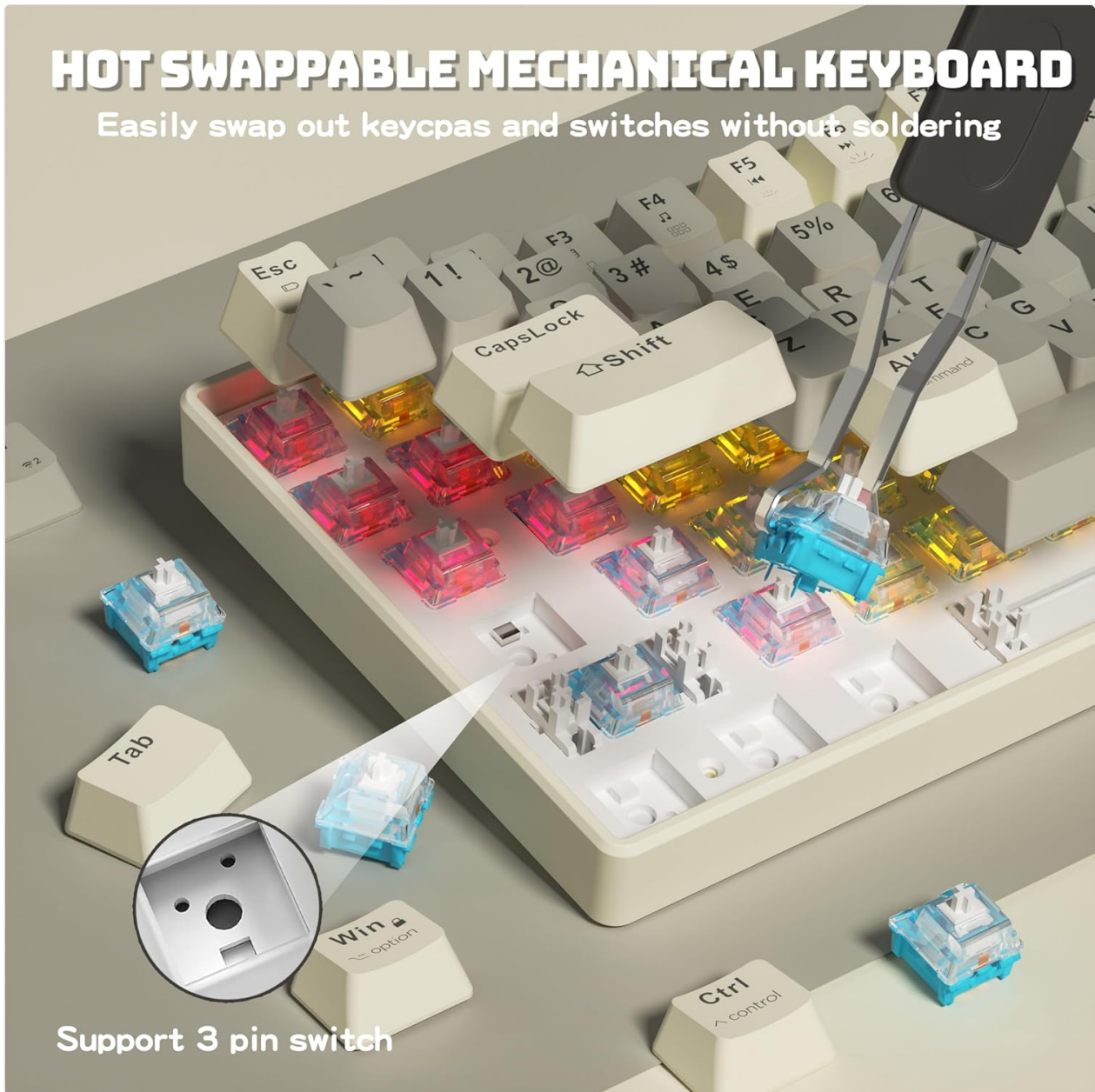

Explore the 24-mode RGB backlit features of the wireless mechanical keyboard.

4.3 Hot-Swappable Switches

The BK6302 features industry-standard 3/5-pin hot-swap sockets, allowing you to effortlessly replace switches without soldering. This enables customization of your typing experience.

Easily swap out keycaps and switches for customization.

This video demonstrates how to swap keycaps and switches easily using the included puller.

4.4 Silent Linear Switches

The keyboard is equipped with exclusive Sea Salt Silent Linear Switches, designed for precise tactile feedback and a noise-dampened typing experience. These switches offer 45g actuation force and a durability of 50 million keystrokes.

SMOOTHER AND QUIETER BLUE-WHITE SWITCHES
Providing a smooth quiet mechanical stroke experience

Key Force: 45 ± 10g
Stroke Travel: 2.0 ± 0.4mm
Key Life: 50 Million Clicks

Details on the Sea Salt Silent Linear Switches, providing a smooth and quiet mechanical stroke experience.

A demonstration of the Mechanical Sea Salt Silent Switch Keyboard.

4.5 Ergonomic Design

The keyboard features a sloped design and adjustable feet to ensure a comfortable typing experience. The U-shaped keycaps provide a natural and responsive feel, reducing hand fatigue. The included wrist rest offers optimal support for enhanced comfort during prolonged use.

Key ergonomic features of the keyboard, including adjustable stand and wrist rest.

This video showcases the ergonomic design of the mechanical keyboard with its wrist rest.

5. MAINTENANCE

5.1 Cleaning

To clean your keyboard, gently wipe the keycaps and chassis with a soft, damp cloth. For deeper cleaning, you can remove the keycaps using the provided keycap puller and clean underneath. Ensure the keyboard is disconnected from power before cleaning.

5.2 Keycap and Switch Replacement

As the keyboard is hot-swappable, you can replace keycaps and switches. Use the included puller tool to carefully remove keycaps and switches. Align new switches correctly before pressing them firmly into place. Refer to section 4.3 for more details on hot-swapping.

6. TROUBLESHOOTING

- **Keyboard Not Responding:**

  - Ensure the keyboard is charged.
  - Check the connection mode switch (2.4G, BT, USB-C) and ensure it matches your connection method.
  - For wireless modes, ensure the dongle is properly inserted or Bluetooth is paired.
  - Try restarting your computer or device.

- **Frequent Disconnections in Wireless Mode:**

  - Ensure the keyboard is fully charged. Low battery can cause instability.
  - Ensure the 2.4GHz dongle or Bluetooth device is within optimal range (typically 10 meters/33 feet) and not obstructed.
  - Minimize interference from other wireless devices.
  - Try re-pairing the Bluetooth connection or re-inserting the 2.4GHz dongle.
  - If issues persist, consider using the USB-C wired connection.

- **Backlighting Not Working/Incorrect:**

  - Ensure the keyboard is powered on.
  - Adjust brightness using **Fn + Up**/**Down Arrow**.
  - Cycle through lighting modes using **Fn + Home**.

- **Keys Not Registering:**

  - Ensure the keycap is properly seated.
  - If a specific key is not working, the switch might be faulty. Use the included switch puller to replace it with one of the spare switches.

7. SPECIFICATIONS

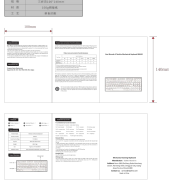| Feature	Detail
Brand	Taiahiro
Model Number	BK6302
Connectivity Technology	Bluetooth 5.0, 2.4GHz Wireless, USB-C Wired
Number of Keys	98 (100-key layout)
Switch Type	Sea Salt Silent Linear Switches (Hot-Swappable)
Actuation Force	45g
Keystroke Durability	50 Million Clicks

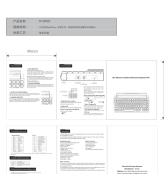| Feature	Detail
Backlighting	6-Color Rainbow RGB (24 Modes)
Battery Capacity	3000mAh Lithium Ion
Compatible Devices	Laptop, PC, PS5, Tablet, MAC (Windows 10/11, macOS, iOS, Android)
Material	Plastic
Color	Creamy Gray
Item Weight	2.23 pounds
Package Dimensions	14.84 x 5.47 x 2.44 inches
Country of Origin	China

8. WARRANTY AND SUPPORT

Taiahiro products are manufactured with high-quality standards. For warranty information or technical support, please refer to the contact details provided on the product packaging or visit the official Taiahiro website.
Please retain your proof of purchase for warranty claims.
Manufacturer: Taiahiro Tech

Related Documents - BK6302

	[Taiahiro BK6301 Wireless Mechanical Keyboard User Manual](#) User manual for the Taiahiro BK6301 wireless mechanical keyboard, detailing its features, specifications, safety information, and operating instructions for wired, Bluetooth, and 2.4G modes.
	[Taiahiro Mechanical Keyboard 1906 User Manual](#) Comprehensive user manual for the Taiahiro Mechanical Keyboard 1906, detailing safety information, product specifications, combination key functions, and multimedia controls for this gaming keyboard.

	[Taiahiro 820 Mechanical Gaming Keyboard User Manual and Specifications](#) Official user manual for the Taiahiro 820 Mechanical Gaming Keyboard. Features include safety guidelines, setup instructions, technical specifications, RoHS compliance, and detailed combination key functions for enhanced gaming performance.
	[Taiahiro Mechanical Keyboard 981 User Manual](#) User manual for the Taiahiro Mechanical Keyboard 981, detailing its features, connectivity, and operation in both wired and Bluetooth modes. Includes FN key combinations and specifications.
	[Taiahiro Mechanical Keyboard 6301 User Manual](#) User manual for the Taiahiro Mechanical Keyboard 6301, detailing safety information, system requirements, product description, indicator lights, functions, and electrical specifications.
	[Taiahiro KB-6301 Bluetooth Mechanical Keyboard Connection Guide](#) A guide on how to connect the Taiahiro KB-6301 Bluetooth Mechanical Keyboard via Bluetooth.