wegear PIXIU 98

wegear CHERRY x PIXIU 98 8KHz Esports Gaming Mechanical Keyboard Instruction Manual

Model: PIXIU 98 | Brand: wegear

INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your wegear CHERRY x PIXIU 98 8KHz Esports Gaming Mechanical Keyboard. Designed for high-performance gaming and versatile use, this keyboard features advanced CHERRY MX2A switches, tri-mode connectivity, and customizable RGB lighting. Please read this manual thoroughly to ensure optimal performance and longevity of your device.

WHAT'S INCLUDED

Verify that all items are present in the package:

- 1 x wegear CHERRY x PIXIU 98 Mechanical Keyboard
- 1 x 1.8m USB Cable
- 1 x 4K Wireless Receiver
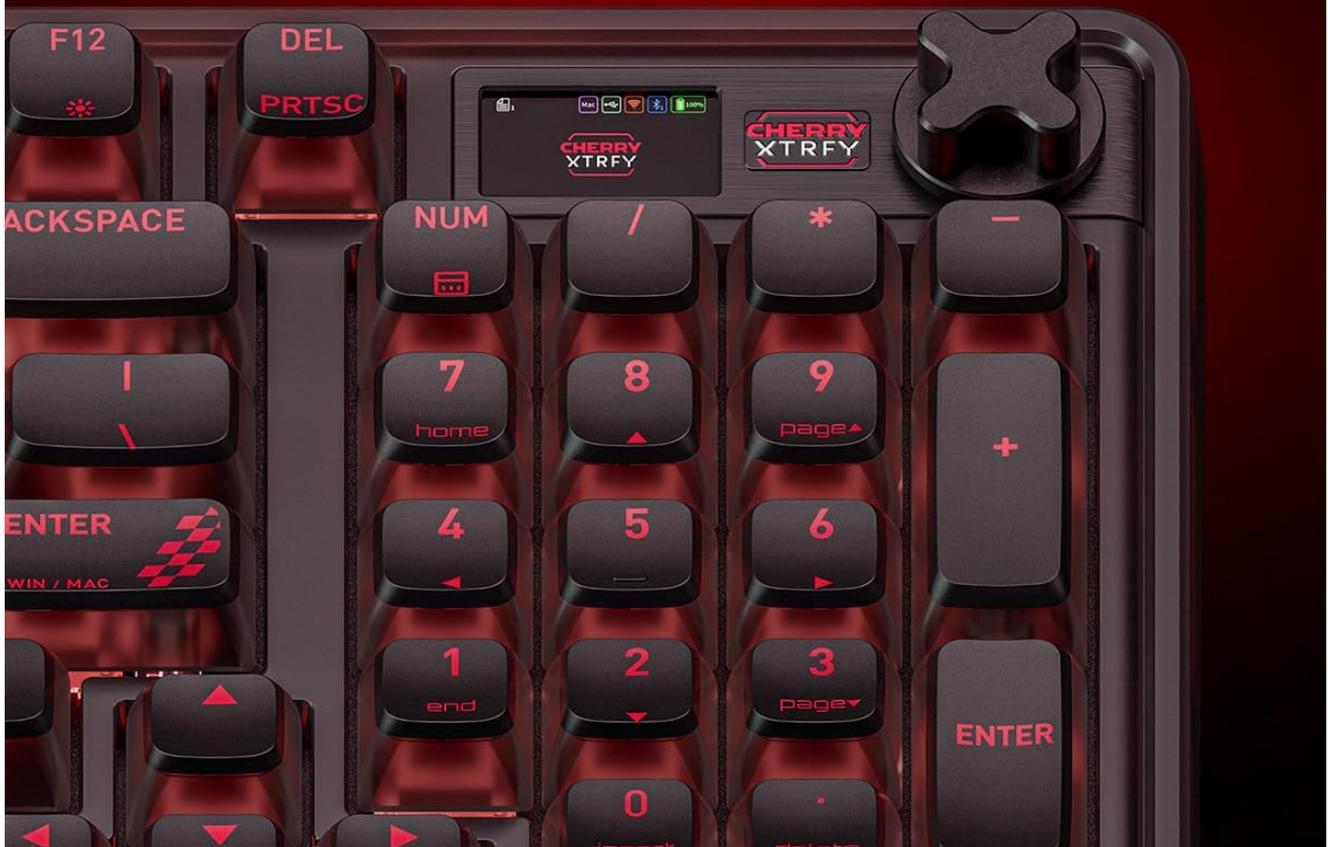- 1 x Keycap Puller
- 1 x User Manual

Image: The complete setup of the wegear CHERRY x PIXIU 98 keyboard, showing the keyboard, USB cable, 4K wireless receiver, keycap puller, and user manual laid out next to the product box.

SETUP

Connectivity Options

The PIXIU 98 keyboard offers three versatile connection modes:

- **USB-C Wired:** For the lowest latency and stable connection, connect the provided USB-C cable directly to your computer.

- **2.4 GHz Wireless:** For high-speed wireless performance, plug the 4K wireless receiver into a USB port on your computer.
- **Bluetooth:** For multi-device convenience, pair the keyboard via Bluetooth. It supports seamless switching between up to three paired devices.
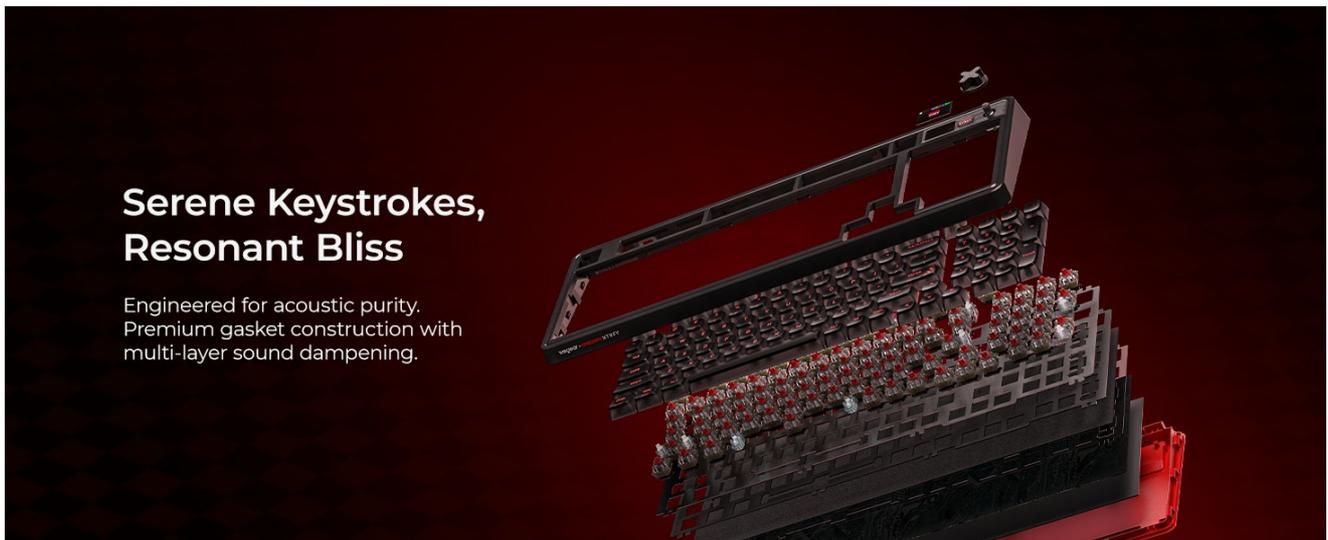

Image: A visual representation of the keyboard's tri-mode connectivity, highlighting the USB-C port, 2.4GHz wireless icon, and Bluetooth icon, along with the physical switch on the keyboard for mode selection.

Initial Connection

1. Locate the connection mode switch on the side of the keyboard.
2. Select your desired connection mode (Wired, 2.4G, or Bluetooth).
3. For 2.4G wireless, ensure the 4K wireless receiver is plugged into your device.
4. For Bluetooth, activate Bluetooth on your device and search for "PIXIU 98" to pair.

OPERATING INSTRUCTIONS

Performance Features

- **High Polling Rates:** Experience ultra-low latency with 8000 Hz wired and 4000 Hz wireless polling rates, ensuring rapid response times.
- **N-Key Rollover:** Full N-key rollover guarantees every keystroke is registered, even during intense gaming sessions.
- **CHERRY MX2A Switches:** Equipped with precise CHERRY MX2A switches featuring Gold Crosspoint Contact technology for smoother actuation, improved acoustics, and a lifespan of 100 million keystrokes. These switches are hot-swappable for easy customization without soldering.
- **Premium Gasket Construction:** Enjoy a satisfying typing experience with the keyboard's gasket construction and multi-layer internal padding, reducing unwanted noise and enhancing key feel.

Image: A dynamic graphic showcasing the keyboard's high polling rates: 8000 Hz in wired mode and 4000 Hz in 2.4G wireless mode, emphasizing low latency for competitive gaming.
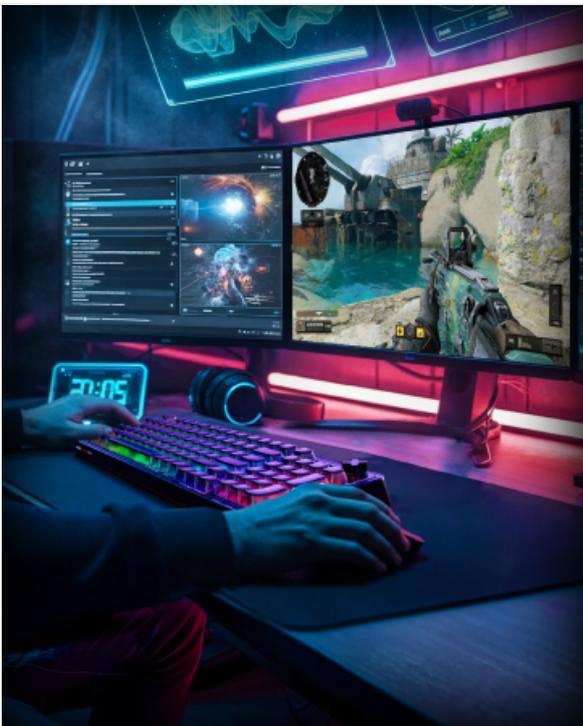

Image: A detailed exploded diagram of a CHERRY MX2A Brown Switch, illustrating its internal mechanism, Gold Crosspoint Technology, and hot-swappable design, along with its 100 million click lifespan.

Image: An exploded view of the keyboard's internal structure, detailing the premium gasket construction with multiple layers of

sound-dampening materials for serene keystrokes.

Customization and Control

- **RGB Lighting:** Customize your setup with 16.8 million colors, 12 pre-loaded lighting effects, and 4 speed levels. The softly side-diffused lighting and 4-way transparency design create a comfortable visual experience.
- **Knob & LCD Screen:** The intuitive knob and LCD screen provide total command over lighting, media, and connections. Monitor battery life, APM (actions per minute), and profiles instantly.
- **CHERRY UTILITY Software:** For advanced customization of effects, macros, and key settings, download and use the free CHERRY UTILITY software.

Image: A close-up of the keyboard's integrated knob and LCD screen, displaying icons for various functions such as light effects, brightness, light speed, profile management, APM, volume, media controls, and general settings.

Image: A screenshot of the CHERRY UTILITY software, showing options for profiles, lighting effects (Rainbow, Wave, Spectrum, Breathing, Rolling, Curve, Scan, Radiation, Ripples, Single Key, Static, Custom), actions, performance settings, and screen customization for the LCD display.

Ergonomics and Design

- **Compact Full-Size Layout:** The 95-key layout provides all essential keys while maintaining a compact footprint for more desk space.
- **Adjustable Kickstands:** Two-stage kickstands allow you to set the keyboard at 5°, 8.2°, or 11.3° angles for personalized comfort and stability.
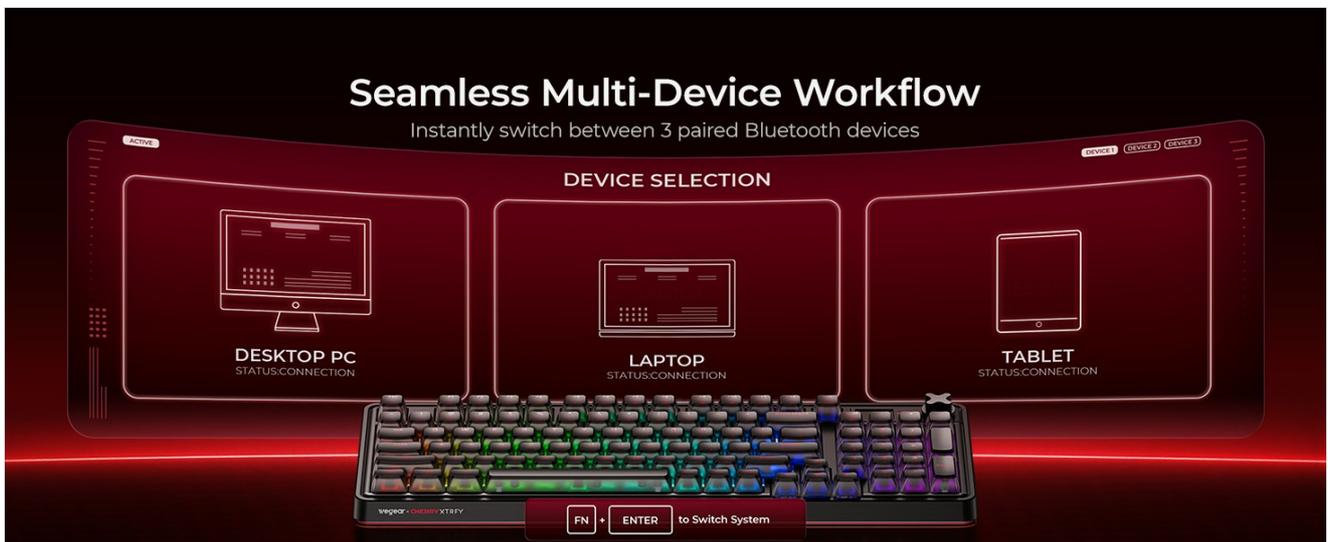
Image: A visual demonstration of the keyboard's two-stage adjustable kickstands, illustrating the three available tilt angles (5°, 8.2°, and 11.3°) for ergonomic comfort.

Battery Life

The keyboard features a built-in 4000mAh lithium battery, offering extended runtime:

- Up to 1100 hours (Bluetooth mode, lights off, LCD off)
- Up to 150 hours (Bluetooth mode, lights off, LCD on)
- Up to 45 hours (Bluetooth mode, RGB on, LCD on)

An intelligent sleep mode helps conserve power during periods of inactivity.

MAINTENANCE

Cleaning

- Use a soft, dry cloth to wipe the keyboard surface.
- For dust and debris between keycaps, use compressed air or the provided keycap puller to remove keycaps and clean thoroughly.
- Avoid using harsh chemicals or abrasive materials.

Switch Replacement

The CHERRY MX2A switches are hot-swappable. Use the provided keycap puller to carefully remove keycaps, then use a switch puller (not included) to remove switches. Insert new compatible 3-pin or 5-pin switches by aligning them correctly and pressing firmly until they click into place.

Image: A visual guide demonstrating the hot-swappable nature of the keyboard's switches and the customizable knob, showing a keycap puller and switch puller in action.

TROUBLESHOOTING

- **Keyboard not responding:** Check the connection mode switch. Ensure the USB cable is securely connected, the wireless receiver is properly inserted, or Bluetooth is paired correctly.
- **Lag or input delay:** For optimal performance, ensure the keyboard is fully charged. In wireless modes, minimize interference from other wireless devices. For critical applications, use the wired connection.
- **RGB lighting issues:** Use the knob and LCD screen or the CHERRY UTILITY software to adjust lighting effects and brightness. Ensure the battery has sufficient charge if using wireless mode.
- **Keys not registering:** Ensure switches are properly seated. If a specific switch is faulty, it can be replaced due to the hot-swappable design.
- **Software not detecting keyboard:** Ensure the CHERRY UTILITY software is up-to-date and the keyboard is connected via USB-C or 2.4G wireless.

SPECIFICATIONS

Feature	Detail
Product Dimensions	15.35 x 5.5 x 1.38 inches (15.35"L x 5.5"W x 1.38"H)
Item Weight	2.65 pounds
Manufacturer	wegear
Item Model Number	PIXIU 98
Batteries	1 Nonstandard Battery (included)
Brand	wegear
Compatible Devices	Gaming Console, Laptop, PC, Tablet
Connectivity Technology	2.4G, Bluetooth, USB-A
Keyboard Description	Gaming
Recommended Uses	Everyday Use, Gaming, Personal, Programming

Special Features	Backlit, Ergonomic, Hot-Swappable, Rechargeable, Volume Roller
Keyboard Backlighting	RGB
Style	Tactile Switch

OFFICIAL PRODUCT VIDEOS

Tactile Typing, Knob Control

Video: A short demonstration highlighting the tactile feedback of the keyboard's switches and the functionality of the control knob for various settings.

wegear x CHERRY Mechanical Gaming Keyboard

Video: An overview video showcasing the wegear x CHERRY Mechanical Gaming Keyboard, emphasizing its design, features, and gaming capabilities.

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official wegear website or contact customer service through your retailer. Keep your purchase receipt for warranty claims.