FREEWOLF K100

FREEWOLF K100 Wireless Membrane Keyboard User Manual

Model: K100

INTRODUCTION

The FREEWOLF K100 is a versatile 99-key wireless membrane keyboard designed for various computing environments. It offers three connectivity modes: Bluetooth, 2.4GHz wireless, and USB-C wired, ensuring compatibility with a wide range of devices including PCs, Macs, laptops, tablets, and phones. Key features include customizable RGB backlighting, a convenient multimedia control knob, durable PBT keycaps with side-printed legends, and a long-lasting 4000mAh battery.

PRODUCT FEATURES

Tri-Mode Connectivity

Connect via Bluetooth (up to 3 devices), 2.4GHz wireless (with included receiver), or USB-C wired mode. Seamlessly switch between devices for enhanced productivity and gaming.

This image illustrates the three available connection modes: Bluetooth, 2.4GHz wireless, and USB-C wired, highlighting the flexibility for various devices.

RGB Backlighting

Experience vibrant 16.8 million color RGB lighting with multiple dynamic effects. Customize your keyboard's appearance to match your setup or mood.

This image demonstrates the various RGB backlight effects and the key combinations used to control them, including switching modes, colors, brightness, and speed.

Multimedia Control Knob

An intuitive rotary knob allows for quick volume adjustments (rotate) and instant muting (press). Dedicated media keys for play/pause, previous, and next track are also included.

Bluetooth(FN+2@/3#/4$)

USB-C(Quick Response)

2.4Ghz(FN+1)

TRI-MODE WIRELESS

This image provides a detailed view of the multimedia knob and its functions, including volume control and mute, alongside the dedicated media playback buttons.

Durable PBT Gradient Keycaps

Crafted from high-quality PBT material, these gradient keycaps resist shine, oil, and wear. Double-shot injection molding ensures legends never fade, with side-printed characters for a clean look and radiant backlighting.

RGB Backlight
16 MILLION

FN+INS: Switch lighting effects
FN+Del: Switch solid colors
FN+Backspace: Turn backlight On/Off
FN+PgUp: Adjust brightness +
FN+PgDn: Adjust brightness -
FN + - / = : Light speed control

FREEWOLF

This image highlights the gradient PBT keycaps, showcasing their side-printed legends and how they allow backlight to shine through for improved visibility.

4000mAh Battery & Smart Sleep Mode

A large 4000mAh rechargeable battery provides extended wireless usage. Intelligent sleep modes conserve power: backlight off after 2 minutes of inactivity, deep sleep after 30 minutes (2.4G/BT), and wired mode follows computer sleep.

GRADIENT PBT KEYCAPS
Gradient side-printed PBT keycaps with clear backlit legends for long-lasting use

This image details the keyboard's 4000mAh battery and its intelligent sleep features designed to maximize battery life during wireless operation.

Compact 99-Key Layout & Anti-Ghosting

The 99-key layout includes a crucial number pad while saving desk space. Full 26-key rollover (NKRO) ensures every keystroke is registered accurately, ideal for fast typing and gaming.

This image shows the compact 99-key layout of the keyboard, emphasizing its N-key rollover capability for precise input.

Ergonomic Design

The keyboard features adjustable double leg braces, allowing you to set the typing angle for optimal comfort. A built-in slot securely stores the 2.4G USB receiver when not in use.

This image illustrates the adjustable feet for ergonomic positioning and the convenient storage slot for the 2.4G USB receiver.

SETUP INSTRUCTIONS

1. **Unpack the Keyboard:** Carefully remove the keyboard and all accessories from the packaging. Ensure all components are present: keyboard, USB-C cable, and 2.4GHz USB receiver.

2. **Initial Charging:** Connect the keyboard to a USB power source using the provided USB-C cable. The battery indicator light will show charging status. A full charge is recommended before first use.

3. **Select Connection Mode:** Use the switch located on the back or side of the keyboard to select your desired connection mode:

   - **2.4GHz Wireless Mode:**
     a. Locate the 2.4GHz USB receiver, typically stored in a slot on the keyboard's underside.
     b. Plug the receiver into an available USB port on your computer.
     c. Switch the keyboard to 2.4G mode. The keyboard should connect automatically.

   - **Bluetooth Mode:**
     a. Switch the keyboard to BT mode.
     b. Press and hold **FN + 2** (or **FN + 3**, **FN + 4**) for 3-5 seconds until the indicator light flashes, indicating pairing mode.
     c. On your device (PC, Mac, tablet, phone), go to Bluetooth settings and search for "K100 Keyboard" (or similar).
     d. Select the keyboard to pair. Repeat for up to three different Bluetooth devices using FN+2, FN+3, and FN+4.

   - **USB-C Wired Mode:**
     a. Connect the USB-C cable from the keyboard to your computer.
     b. Switch the keyboard to wired mode (if applicable, some keyboards automatically detect wired connection).

4. **System Compatibility:**
   - Press **FN + W** to switch to Windows system layout.
   - Press **FN + M** to switch to macOS system layout.

OPERATING INSTRUCTIONS

RGB Lighting Control

- **FN + INS:** Switch between different RGB lighting effects.
- **FN + DEL:** Switch between solid RGB colors.
- **FN + Backspace:** Turn backlight on/off.
- **FN + PgUp:** Increase backlight brightness.

- **FN + PgDn:** Decrease backlight brightness.
- **FN + - / =:** Adjust lighting effect speed.

Multimedia Knob and Keys

- **Rotate Knob:** Adjust volume up or down.
- **Press Knob:** Mute or unmute audio.
- **Dedicated Media Keys:** Use the buttons next to the knob for Play/Pause, Previous Track, and Next Track.

Sleep Mode Behavior

- **Wireless Mode:** Backlight turns off after 2 minutes of inactivity. The keyboard enters deep sleep (disconnected) after 30 minutes of inactivity. Wake by pressing any key.
- **Wired Mode:** The keyboard's sleep behavior follows your connected computer's sleep settings.

MAINTENANCE

- **Cleaning the Keyboard:** Use a soft, lint-free cloth slightly dampened with water or a mild cleaning solution to wipe down the surface of the keyboard. Avoid excessive moisture.
- **Cleaning Keycaps:** For deeper cleaning, keycaps can be carefully removed (using a keycap puller if available) and washed with mild soap and water. Ensure they are completely dry before reattaching.
- **Dust Removal:** Use compressed air to remove dust and debris from between the keycaps and under the keyboard.
- **Storage:** When not in use for extended periods, store the keyboard in a dry, cool place away from direct sunlight.

TROUBLESHOOTING

Keyboard not connecting via 2.4GHz wireless:

Ensure the 2.4GHz USB receiver is securely plugged into a working USB port. Check that the keyboard is switched to 2.4G mode. Try re-pairing by unplugging and re-plugging the receiver, then restarting the keyboard.

Bluetooth connection issues:

Make sure the keyboard is in BT mode and in pairing mode (indicator light flashing after holding FN+2/3/4). Ensure Bluetooth is enabled on your device and try removing and re-pairing the keyboard in your device's Bluetooth settings. Check the keyboard's battery level.

RGB backlight not working or dim:

Press **FN + Backspace** to ensure the backlight is turned on. Use **FN + PgUp** to increase brightness. Check the battery level; low battery can affect backlight performance. If in wired mode, ensure the USB-C cable is fully connected.

Keys not responding or input lag:

Ensure the keyboard is fully charged. If using wireless modes, try moving closer to the receiver/device or switching to wired mode to rule out interference. Clean any debris from under the affected keys. For multiple keys, check the connection mode.

Multimedia knob not functioning:

Ensure the keyboard is properly connected. Try restarting the keyboard. Verify that no software conflicts are present on your operating system that might override multimedia controls.

SPECIFICATIONS

Model	K100
Brand	FREEWOLF

Connectivity	Bluetooth, 2.4GHz Wireless, USB-C Wired
Key Count	99 Keys
Keyboard Type	Membrane
Backlighting	RGB (16.8 million colors)
Keycaps	PBT Gradient, Side-Printed Legends
Battery Capacity	4000mAh
Anti-Ghosting	26-Key Rollover (NKRO)
Dimensions	16.06 x 5.79 x 1.50 inches (408mm x 147mm x 38mm)
Item Weight	1.98 pounds
Compatibility	Windows, macOS

This image provides a visual representation of the keyboard's dimensions, including length, width, and height.

Product Overview Video

Your browser does not support the video tag.

This video provides a visual overview of the FREEWOLF K100 Wireless Membrane Keyboard, showcasing its design, RGB lighting, multimedia knob, and connectivity options.

Warranty and Support

The FREEWOLF K100 keyboard comes with a standard manufacturer's warranty. For specific warranty details, return policies, or technical support, please refer to the documentation included with your purchase or contact FREEWOLF customer service directly through their official website or the retailer where the product was purchased.