

IQUNIX F97

IQUNIX F97 Hitchhiker Mechanical Keyboard User Manual

Model: F97

1. INTRODUCTION

This manual provides detailed instructions for the IQUNIX F97 Hitchhiker mechanical keyboard. The F97 is a 96% layout (100-key) wireless mechanical keyboard designed for versatility and performance. It supports multiple connection modes and is compatible with various operating systems.

2. PACKAGE CONTENTS

- IQUNIX F97 Hitchhiker Mechanical Keyboard
- USB Type-C Cable
- User Manual (this document)

3. PRODUCT OVERVIEW

The IQUNIX F97 Hitchhiker features a compact 96% layout, durable PBT keycaps, and an aerospace-grade aluminum case. It offers a premium typing experience with Cherry MX switches and multi-mode connectivity.



Figure 3.1: Top-down view of the IQUNIX F97 Hitchhiker mechanical keyboard, showcasing its 96% layout and unique keycap design.

3.1. Aluminum Case

The keyboard chassis is constructed from aerospace-grade aluminum, providing durability and a premium feel. The ceramic sand-blasting process ensures a delicate touch and long-lasting finish.

Aluminum Case



Figure 3.2: Two IQUNIX F97 keyboards, highlighting the robust aluminum case construction.

3.2. 96% Layout

The 96% layout integrates 100 keys into a compact form factor, retaining most of the functionality of a full-size keyboard while saving desk space.

96% Layout



Figure 3.3: Comparison illustrating the compact 96% layout of the F97 keyboard against a standard full-size layout.

3.3. Hot-Swappable Switches

The F97 features a hot-swappable PCB design, allowing users to easily change mechanical switches without soldering. This enables customization of typing feel and sound.

Hot Swappable

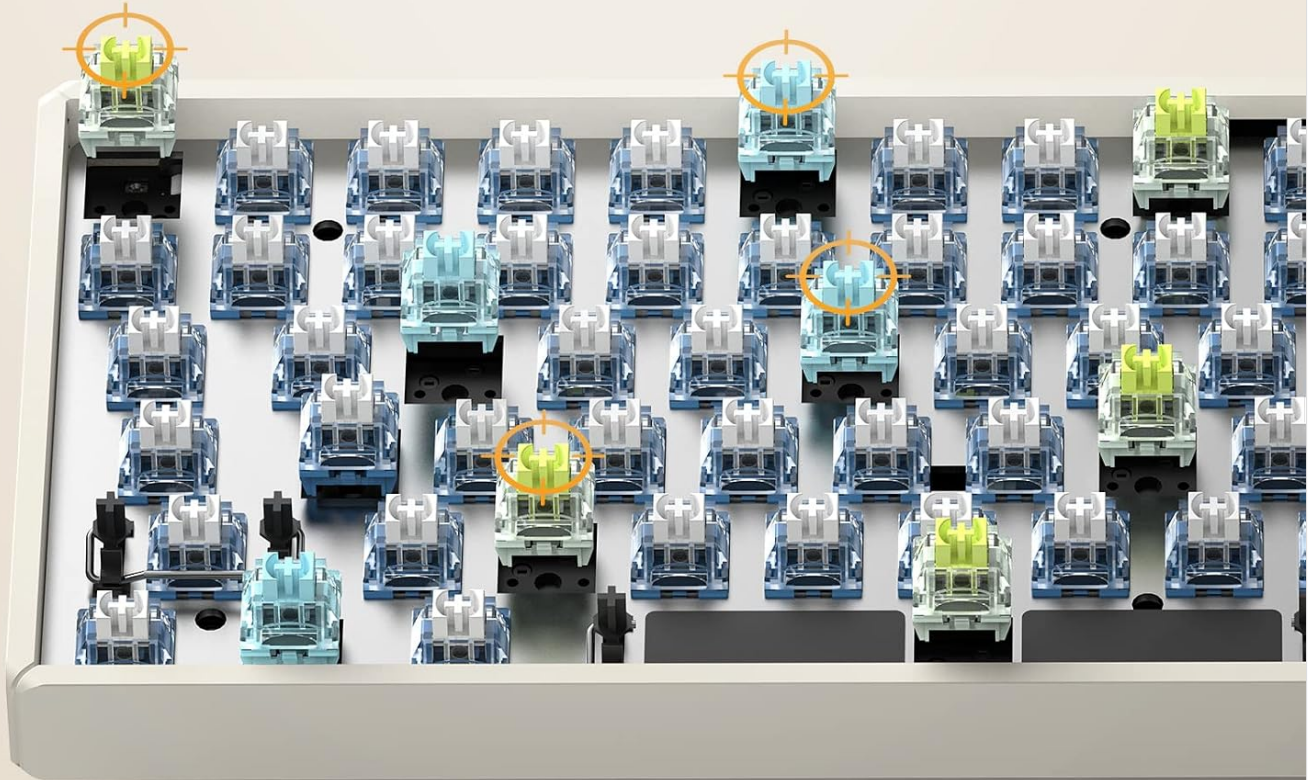


Figure 3.4: Close-up view of the hot-swappable sockets on the F97 PCB, with switches partially removed.

3.4. PBT Keycaps

The keyboard is equipped with PBT keycaps, known for their durability, resistance to shine, and comfortable texture, ensuring a long-lasting aesthetic and feel.

Custom PBT keycaps



Figure 3.5: Detailed view of the custom PBT keycaps on the F97, highlighting their texture and legends.

3.5. Ergonomic Design

The F97 is designed with a considered slant to provide a comfortable typing angle, reducing strain during extended use.

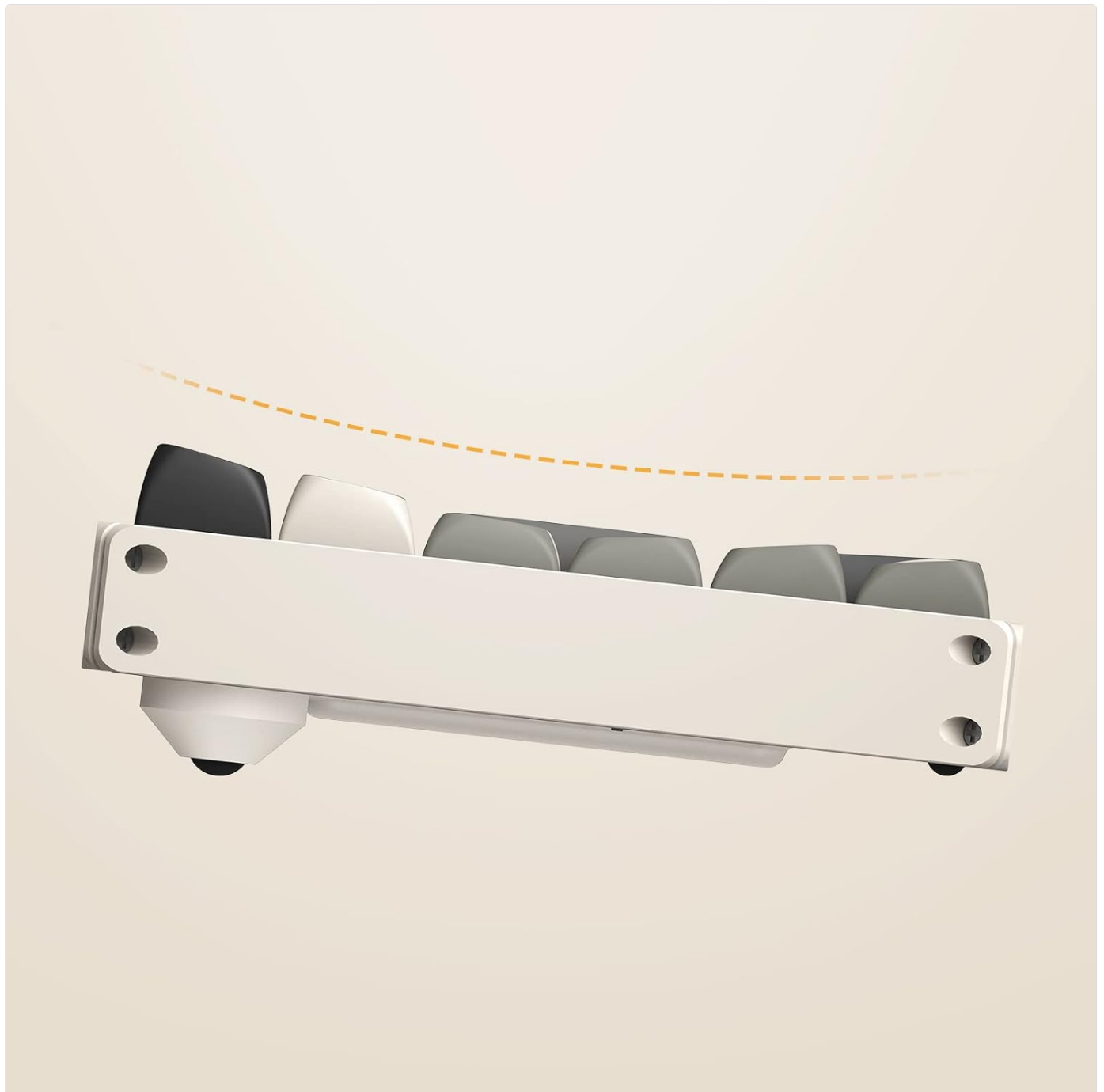


Figure 3.6: Side profile of the IQUNIX F97 keyboard, illustrating its ergonomic angle.

4. SETUP

4.1. Initial Charging

Before first use, connect the keyboard to a USB power source using the provided USB Type-C cable to ensure it is fully charged. The 4000mAh battery provides extended usage time.

4.2. Connecting the Keyboard

The F97 supports three connection modes: 2.4G wireless, Bluetooth 5.1, and USB Type-C wired.



macOS Compatible



Figure 4.1: Image depicting the F97 keyboard with indicators for Bluetooth 5.1, 2.4GHz wireless, and USB Type-C wired connections.

4.2.1. USB Type-C Wired Connection

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

4.2.2. 2.4G Wireless Connection

1. Locate the 2.4G USB receiver (usually stored in a compartment on the keyboard or included in the package).
2. Plug the 2.4G USB receiver into an available USB port on your computer.
3. Switch the keyboard's connection mode to 2.4G (refer to Section 5.1 for mode switching).
4. The keyboard should connect automatically.

4.2.3. Bluetooth 5.1 Connection

1. Switch the keyboard's connection mode to Bluetooth (refer to Section 5.1 for mode switching).

2. On your device (computer, tablet, phone), enable Bluetooth and search for new devices.
3. Select 'IQUNIX F97' or a similar name from the list of available devices.
4. Follow any on-screen prompts to complete the pairing process. The keyboard can connect to multiple devices wirelessly.

5. OPERATING INSTRUCTIONS

5.1. Switching Connection Modes

Use the designated switch or key combination on the keyboard to toggle between Wired, 2.4G, and Bluetooth modes. Refer to the keyboard's physical layout for the exact switch location.

5.2. Operating System Compatibility

The IQUNIX F97 is compatible with Windows, macOS, Android, and iOS. For macOS users, specific adapter functions are available.



5.2.1. Switching to macOS Mode

Hold **FN + TAB** for 5 seconds to switch the keyboard's system mode between Windows and macOS. The keyboard will adapt its key functions accordingly.

5.3. N-Key Rollover

The F97 features N-Key Rollover (NKRO) with swift response, preventing key ghosting and jamming. Every keypress is detected accurately, even during rapid input.

5.4. Battery Life

The integrated 4000mAh battery can last up to 260 days via Bluetooth connection with the backlight off, based on 8 hours of daily use. Battery life will vary with backlight usage and connection type.

6. MAINTENANCE

6.1. Cleaning

To clean the keyboard, disconnect it from all power sources. Use a soft, dry cloth to wipe the surface. For keycaps, they can be carefully removed and cleaned with mild soap and water, then thoroughly dried before reinstallation. Avoid using harsh chemicals or abrasive materials.

6.2. Keycap and Switch Replacement

Due to the hot-swappable design, keycaps and switches can be replaced. Use a keycap puller to remove keycaps and a switch puller to remove switches. Ensure proper alignment when installing new switches to avoid bending pins.

7. TROUBLESHOOTING

- **Keyboard not responding:** Ensure the keyboard is charged. Check the connection mode (wired, 2.4G, Bluetooth) and ensure it matches your device's connection. For 2.4G, verify the receiver is properly inserted. For Bluetooth, re-pair the device.
- **Keys not typing correctly:** Check if any switches are loose or damaged. If hot-swappable, try reseating the switch or replacing it. Ensure the correct operating system mode (Windows/Mac) is selected.
- **Bluetooth connection issues:** Ensure the keyboard is in Bluetooth pairing mode. Remove the keyboard from your device's Bluetooth list and attempt to re-pair. Ensure no other devices are interfering with the Bluetooth signal.
- **Backlight not working:** Check keyboard settings for backlight control. Ensure the battery has sufficient charge.

8. SPECIFICATIONS

SPECIFICATION

Media Functions Availability

Operating Systems	Wired USB-C	Bluetooth 5.1	2.4GHz
Windows	Yes	Yes	Yes
macOS	Yes	Yes	No

Model: F97	Connection: Bluetooth / USB Type-C / 2.4GHz
Type: Mechanical Keyboard	Battery Capacity: 4000mAh (5V*1A)
Layout: 96%	Response Time: 1ms (Wired & 2.4GHz) / 8ms (Bluetooth)
Keys: 100	Polling Rate: 1000Hz (Wired & 2.4GHz) / 125Hz (Bluetooth)
Materials: PBT Keycaps + Aluminum Frame	Cable Length: 150cm
Switches: Cherry MX	Weight: 1.2kg
Lifespan: 50 Million Keystrokes	Dimensions: 372 x 123.5 x 42 mm
Backlight: 16-Million-Color	Operating Systems: Windows / macOS / iOS / Android
Interface: USB Type-C	*(Windows 7 or previous versions ONLY support 2.4GHz connection.)

Figure 8.1: Detailed specifications table for the IQUNIX F97 keyboard.

Feature	Detail
Model	F97
Type	Mechanical Keyboard
Layout	96% (100 Keys)
Connection	Bluetooth 5.1 / USB Type-C / 2.4GHz
Battery Capacity	4000mAh (5V*1A)
Response Time	1ms (Wired & 2.4GHz) / 8ms (Bluetooth)
Polling Rate	1000Hz (Wired & 2.4GHz) / 125Hz (Bluetooth)
Cable Length	150cm
Weight	1.2kg
Dimensions	372 x 123.5 x 42 mm
Operating Systems	Windows / macOS / iOS / Android <i>*(Windows 7 or previous versions ONLY support 2.4GHz connection.)</i>
Materials	PBT Keycaps + Aluminum Frame
Switches	Cherry MX
Lifespan	50 Million Keystrokes
Backlight	16-Million-Color (if applicable to specific model variant)

9. OFFICIAL PRODUCT VIDEO

Your browser does not support the video tag.

Video 9.1: An official product video from IQUNIX showcasing the F97 Hitchhiker mechanical keyboard's design and features. This video provides a visual overview of the keyboard's aesthetics and build quality.

10. WARRANTY AND SUPPORT

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

Official IQUNIX Website: www.iqunix.store

© 2023 IQUNIX. All rights reserved.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Email

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Details

Submit question