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› IROK FE98Pro Wireless RGB Hot Swappable Mechanical Keyboard Instruction Manual

## IROK FE 98 PRO

# IROK FE98Pro Wireless RGB Hot Swappable Mechanical Keyboard Instruction Manual

Model: FE 98 PRO | Brand: IROK

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## 1. INTRODUCTION

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This manual provides detailed instructions for the setup, operation, and maintenance of your IROK FE98Pro Wireless RGB Hot Swappable Mechanical Keyboard. Please read this manual thoroughly before using the product to ensure optimal performance and longevity.

## 2. SAFETY INFORMATION

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- Keep the keyboard away from liquids and excessive moisture to prevent damage.
- Avoid exposing the keyboard to extreme temperatures.
- Do not attempt to disassemble or repair the keyboard yourself. Contact customer support for assistance.
- Use only the provided USB-C cable for charging and wired connection.
- Keep out of reach of small children.

## 3. WHAT'S IN THE BOX

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Verify that all items are present in the package:

- IROK FE98Pro Mechanical Keyboard
- Keycap Puller
- USB Cable (Type-C)
- User Manual (this document)

## 4. SETUP

### 4.1 Connectivity Modes

The IROK FE98Pro keyboard supports three connectivity modes: 2.4GHz Wireless, Bluetooth 5.0, and Wired (USB-C).

#### 4.1.1 2.4GHz Wireless Connection

1. Locate the 2.4G wireless receiver, typically stored in a compartment on the back of the keyboard.
2. Plug the receiver into an available USB port on your computer.
3. Switch the keyboard's mode selector to "2.4G". The keyboard will automatically connect.



Image: Keyboard with 2.4GHz wireless dongle and USB-C port highlighted.

#### 4.1.2 Bluetooth Connection

The keyboard supports three Bluetooth devices. To connect:

1. Switch the keyboard's mode selector to "BT".
2. On your computer or device, enable Bluetooth and search for new devices.

3. Select "IROK FE98Pro" from the list of available devices.
4. To switch between paired Bluetooth devices, use the FN + 1/2/3 key combinations.

### 4.1.3 Wired Connection

Connect the keyboard to your computer using the provided USB-C cable. The keyboard will function in wired mode and charge simultaneously.

## 4.2 Driver Installation

The IROK driver allows for customization of backlight effects and key functions. To install:

- Short press **[FN + ESC]** on the keyboard.
- The first time this key combination is used, it will automatically open the driver download page in your web browser.
- Follow the on-screen instructions to download and install the IROK driver.

Your browser does not support the video tag.

Video: Tutorial on IROK Driver usage, demonstrating how to activate and use the software for keyboard customization.

## 5. OPERATING INSTRUCTIONS

### 5.1 Key Functions (FN Combinations)

Pressing the **FN** key and a function key simultaneously activates the secondary function of that key. Refer to the table below for common FN key combinations:

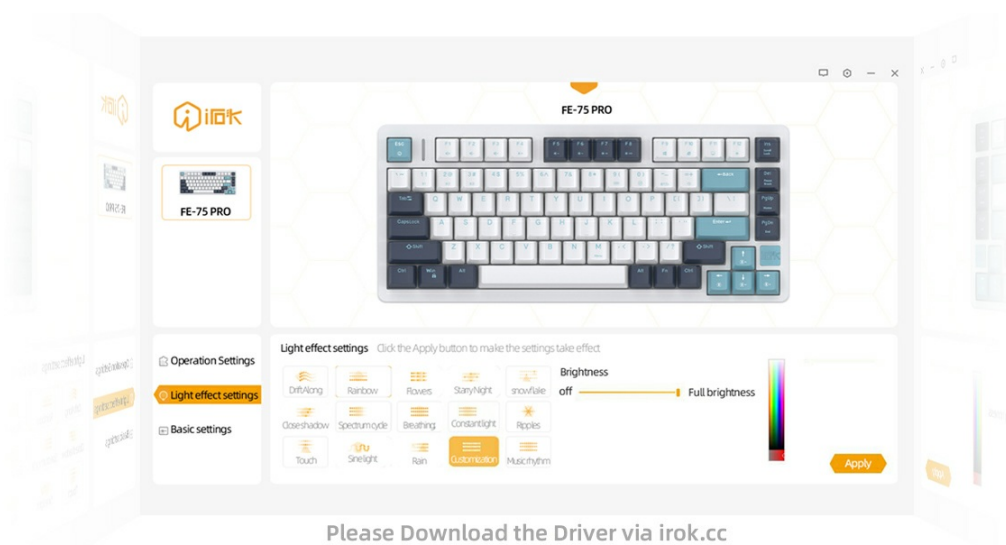


Image: Detailed layout of FN key combinations for various functions including multimedia, backlight control, and system shortcuts.

- **FN + F1:** Mute
- **FN + F2:** Volume Down
- **FN + F3:** Volume Up
- **FN + F4:** Key Backlight On/Off
- **FN + F5:** Key Backlight Brightness Increase
- **FN + F6:** Key Backlight Brightness Decrease
- **FN + F7:** Button Backlight Speed Slow Down
- **FN + F8:** Key Backlight Speed Up
- **FN + F9:** Win Key Lock
- **FN + F10:** Web Browser

- **FN + F11**: My Computer
- **FN + F12**: Backlight Mode Switching
- **FN + 1/2/3**: Bluetooth Device Switching
- **FN + ~**: Increase Light Band Brightness
- **FN + -**: Decrease Light Band Brightness
- **FN + =**: Strip Light Effect Switch
- **FN + [**: Key Backlight Color Switching
- **FN + ]**: Strip Color Switch
- **FN + ESC**: Open IROK Driver (first use opens download page)
- **FN + M/N**: Switch between Windows and Mac modes.
- **FN + DEL**: Restore to factory settings (long press for 5 seconds).

## 5.2 RGB Backlight Customization

The keyboard features 16.8 million true color RGB lighting effects. These can be customized using the IROK Driver software or directly via FN key combinations.

- Use **FN + F12** to cycle through various backlight modes.
- Adjust brightness with **FN + F5** (increase) and **FN + F6** (decrease).
- Adjust speed of dynamic effects with **FN + F7** (slow down) and **FN + F8** (speed up).
- For advanced customization, including musical rhythm effects and custom per-key lighting, use the IROK Driver software.

Your browser does not support the video tag.

Video: Demonstration of various RGB lighting patterns and effects on the IROK keyboard.



Image: The IROK FE98Pro keyboard showcasing its customizable RGB backlighting with a wave effect.

### 5.3 Hot-Swappable Switches

The IROK FE98Pro features hot-swappable switch sockets, allowing you to change mechanical switches without soldering. This supports most 3-pin or 5-pin mechanical switches, enabling customization of typing feel.

# Customise your own keyboard feel



Hot-swappable axle holders for most mechanical axes, easy to change axes at will, freely define your own keyboard feel



Image: Keyboard with several keycaps and switches removed, illustrating the hot-swappable design.

## 5.4 Ergonomic Design

The keyboard is designed with ergonomic stepped keycaps and two-part support feet to provide a comfortable typing experience. The three-layer sound-absorbing design, including silicone pads, reduces keystroke noise for a cleaner sound.

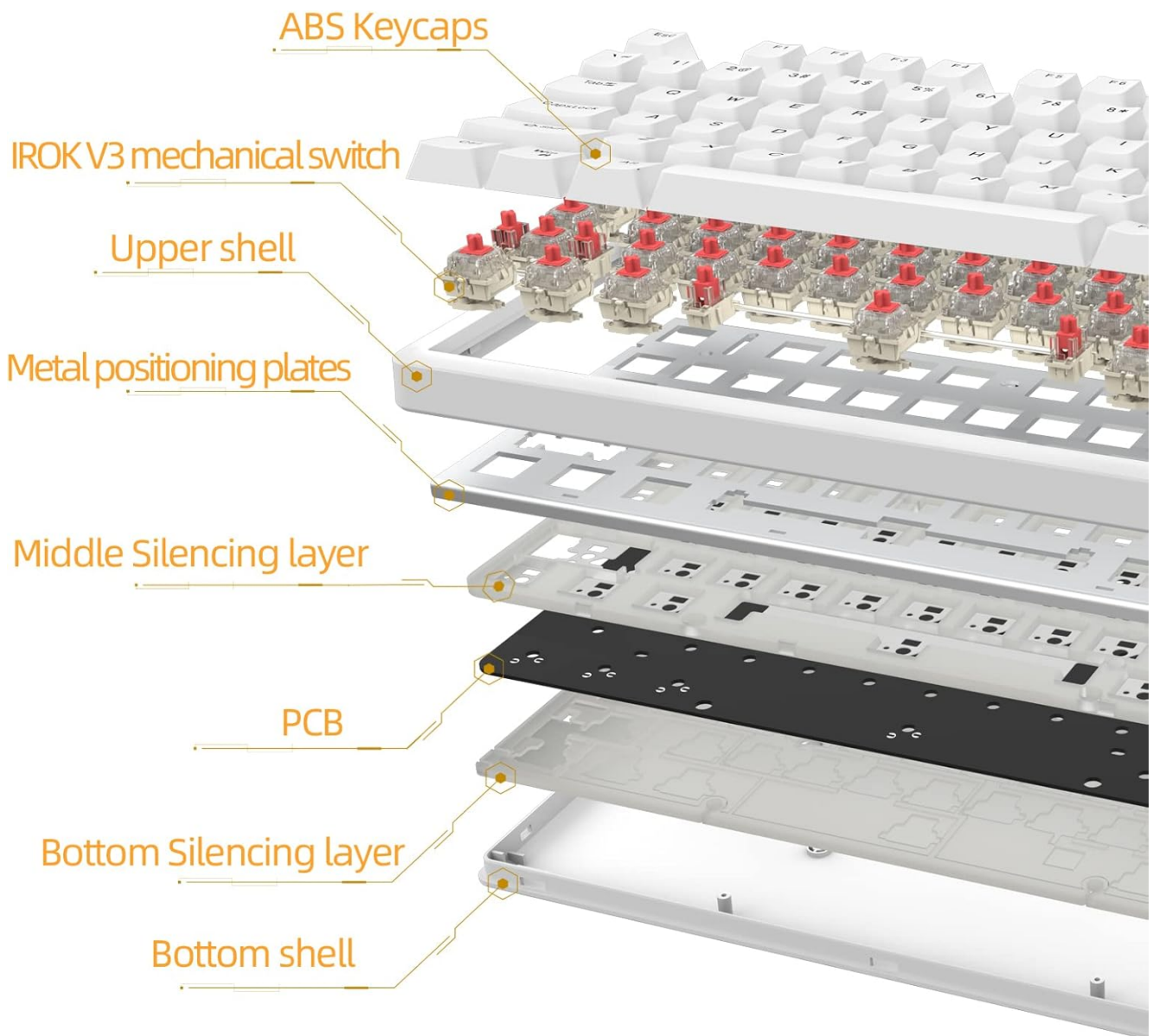


Image: Exploded view of the keyboard's internal structure, highlighting the ABS keycaps, IROK V3 mechanical switches, metal positioning plates, and three-layer silencing pads.

## 6. MAINTENANCE

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- **Cleaning:** Use a soft, dry cloth to wipe the keyboard surface. For deeper cleaning, use a keycap puller to remove keycaps and clean with compressed air or a soft brush.
- **Storage:** Store the keyboard in a cool, dry place away from direct sunlight when not in use for extended periods.
- **Battery:** The keyboard includes a 3800mAh battery. Charge it regularly to maintain battery health.

# Light moves with sound

16.8 million colours of full-colour RGB lighting, customisable via the IROK assistant, with a variety of lighting modes and musical rhythms to create a dynamic ambience



Image: Keyboard highlighting its 3800mAh battery capacity, providing over 40 days of use.

## 7. TROUBLESHOOTING

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- **Keyboard not responding:** Ensure the keyboard is charged and the correct connectivity mode (2.4G, BT, or Wired) is selected. Try reconnecting the USB receiver or re-pairing Bluetooth.
- **Backlight issues:** Check brightness settings using FN + F5/F6. If using the driver, ensure settings are applied.
- **Keys not registering:** If specific keys are not working, consider replacing the hot-swappable switch for that key.
- **Driver not opening:** Ensure the keyboard is connected and try pressing FN + ESC again. Verify internet connection for initial download.
- **Windows/Mac mode issues:** If keys behave unexpectedly, ensure the correct operating system mode is selected using FN + M/N.
- **Reset to factory settings:** If issues persist, long press **FN + DEL** for 5 seconds to restore default settings.

## 8. SPECIFICATIONS

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<b>Product Dimensions</b>	15.16 x 5.51 x 1.1 inches
<b>Item Weight</b>	3.74 pounds
<b>Manufacturer</b>	IROK
<b>Item Model Number</b>	FE 98 PRO
<b>Batteries</b>	1 Product Specific battery required (included)
<b>Compatible Devices</b>	Laptop, PC
<b>Connectivity Technology</b>	Bluetooth, USB-C, 2.4GHz Wireless
<b>Keyboard Description</b>	Mechanical, Hot-Swappable
<b>Special Feature</b>	Backlit, Ergonomic, Rechargeable, Three-Layer Dampening
<b>Keyboard Backlighting</b>	RGB (16.8 million colors)

## 9. WARRANTY & SUPPORT

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