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› IROK FE98Pro Wireless RGB Hot Swappable Mechanical Keyboard User Manual

IROK FE 98 PRO

IROK FE98Pro Wireless RGB Hot Swappable Mechanical Keyboard User Manual

Model: FE 98 PRO

1. PRODUCT OVERVIEW

The IROK FE98Pro is a versatile mechanical keyboard designed for various uses, offering multiple connectivity options and customizable features. This manual provides essential information for setup, operation, and maintenance.



Figure 1: IROK FE98Pro Mechanical Keyboard. This image displays the overall layout of the IROK FE98Pro keyboard with its RGB backlighting active.

2. PACKAGE CONTENTS

Before proceeding, please ensure all items are present in the package:

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

3. SETUP GUIDE

3.1 Connectivity Modes

The IROK FE98Pro keyboard supports three connectivity modes: USB-C wired, 2.4GHz wireless, and Bluetooth

5.0. Use the switch located on the back of the keyboard to select your desired mode.

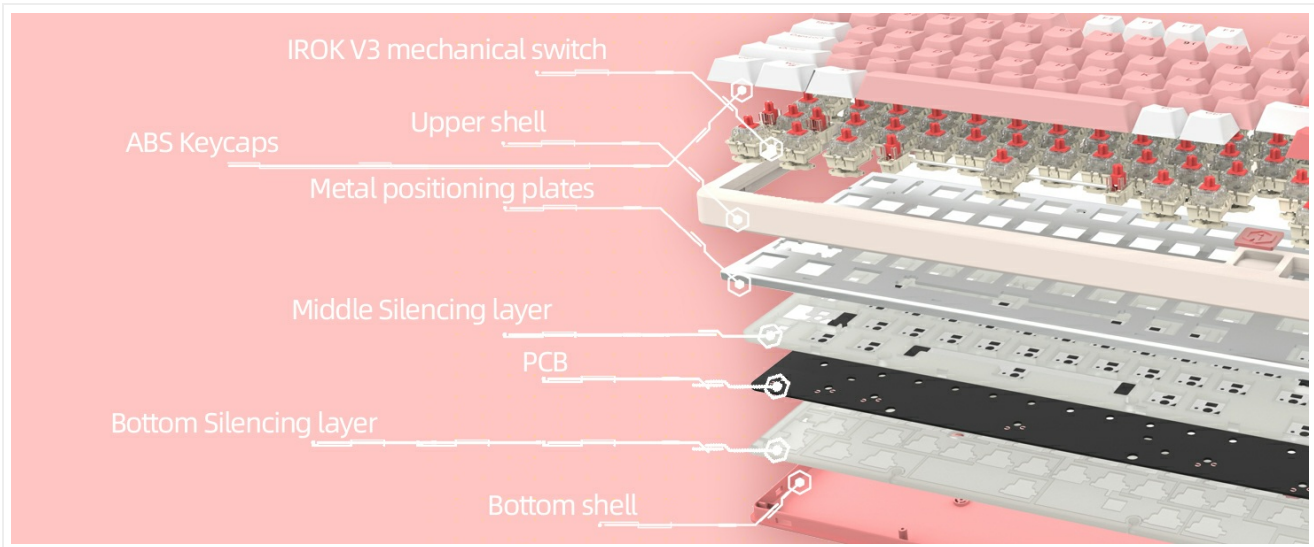


Figure 2: Connectivity switch and USB-C port. This image highlights the physical switch for selecting between Bluetooth (BT), Off, and 2.4GHz wireless modes, as well as the USB-C port for wired connection and charging.

- **USB-C Wired Mode:** Connect the provided USB-C cable from the keyboard to your computer. The keyboard will automatically switch to wired mode and begin charging.
- **2.4GHz Wireless Mode:** Insert the 2.4GHz USB receiver into an available USB port on your computer. Slide the switch on the keyboard to '2.4G'. The keyboard should connect automatically.
- **Bluetooth 5.0 Mode:** Slide the switch on the keyboard to 'BT'. The keyboard supports three Bluetooth devices. To pair, press and hold **FN + 1**, **FN + 2**, or **FN + 3** until the indicator light flashes rapidly. On your device, search for 'IROK FE98Pro' and connect.

3.2 Driver Installation

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

1. Connect the keyboard to your computer.
2. Press **FN + ESC**. This key combination will automatically open the driver download page in your web browser.
3. Follow the on-screen instructions to download and install the IROK driver.

Your browser does not support the video tag.

Video 1: IROK Driver Usage Tutorial. This video demonstrates how to install and use the IROK driver software for customizing keyboard settings.

4. OPERATING INSTRUCTIONS

4.1 Key Functions and Customization

The IROK FE98Pro features a full 98-key layout with anti-ghosting. Many keys have secondary functions accessible via the **FN** key.

Table 1: FN Key Combinations

Combination	Function
FN + ESC	Open IROK Driver download page
FN + F1	Mute

Combination	Function
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 slowed 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	Switch Bluetooth device (hold to pair)
FN + M/N	Switch between Windows and Mac mode
FN + Right Shift	Increase brightness of light band
FN + Right Ctrl	Strip brightness decrease
FN + Right Alt	Key backlight color switching
FN + Menu Key	Strip light effect switch
FN + Right Arrow	Strip color switch

For advanced key function customization, including macros and media controls, use the IROK Driver software. The software allows you to remap keys and create custom actions.

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Video 2: IROK FE75Pro RGB Customization. This video demonstrates RGB backlight customization options using the IROK driver. While shown on an FE75Pro model, the customization principles apply to the FE98Pro.

4.2 RGB Backlighting

The keyboard features 16.8 million true color RGB lighting effects. These can be customized through the IROK Driver software, offering various lighting modes and musical rhythm synchronization. You can also adjust brightness and speed using FN key combinations.

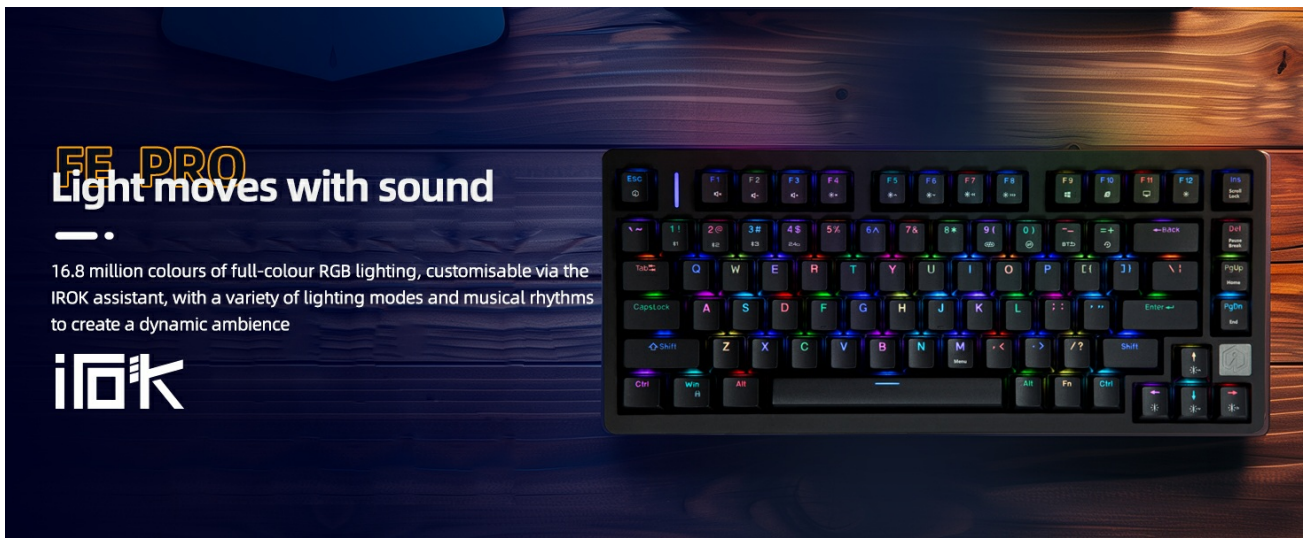


Figure 3: RGB Backlighting. This image illustrates the dynamic RGB lighting effects available on the keyboard, which can be synchronized with sound.

4.3 Ergonomic Design

The keyboard is designed with comfortable ergonomic stepped keycaps and two-part support feet, providing a comfortable typing experience. The keycaps are made of thick ABS material.

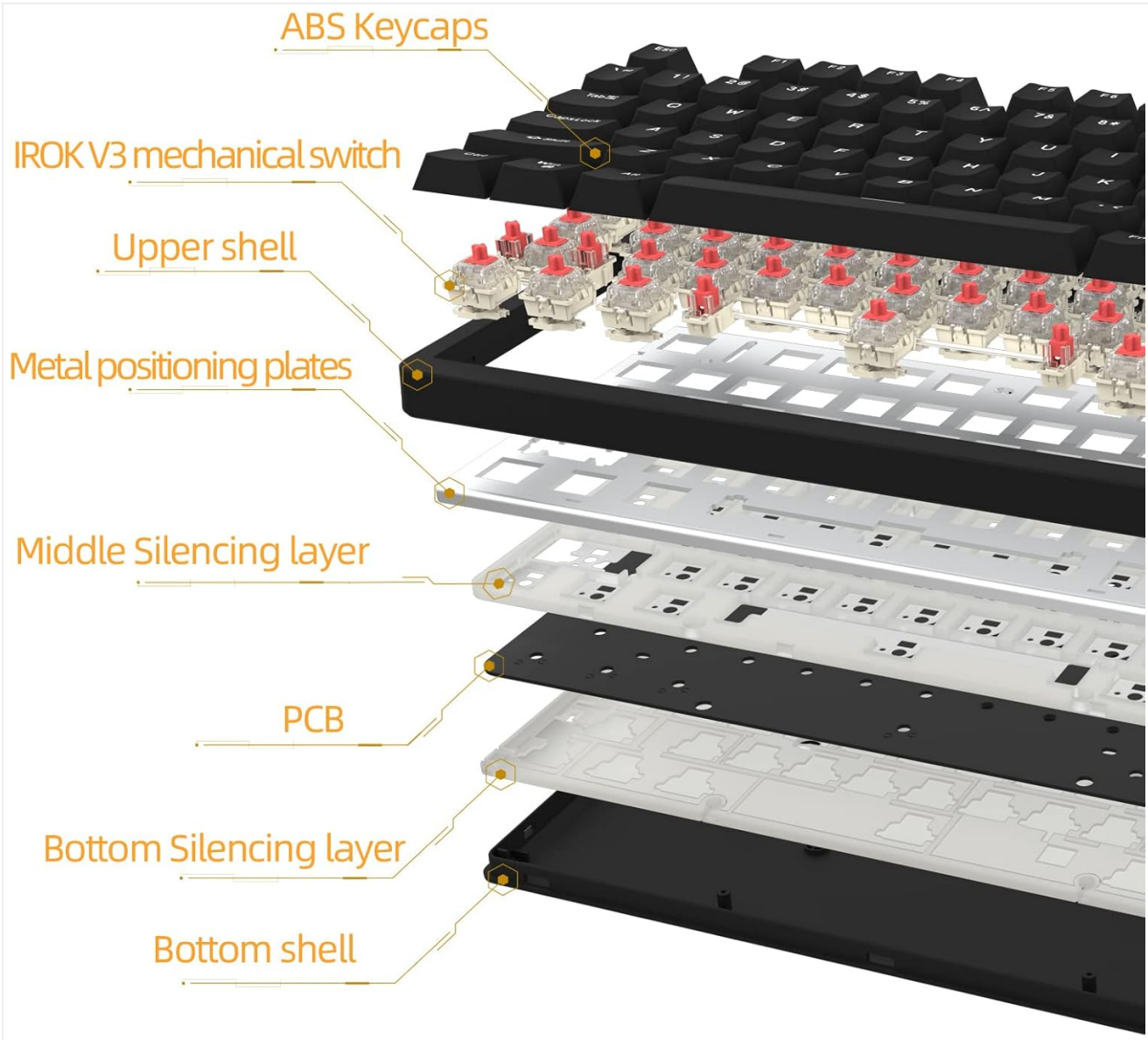


Figure 4: Ergonomic Keycaps. A close-up view of the keyboard's stepped keycap profile, designed for comfortable typing.

5. MAINTENANCE

5.1 Cleaning

To clean your keyboard, disconnect it from your computer. Use a soft, dry cloth to wipe down the keycaps and chassis. For deeper cleaning, use the provided keycap puller to remove keycaps and clean underneath with compressed air or a small brush.

5.2 Hot-Swappable Switches

The IROK FE98Pro features hot-swappable mechanical switches, allowing for easy replacement without soldering. This enables customization of typing feel or replacement of faulty switches.



Figure 5: Hot-Swappable Switch Sockets. This image shows the keyboard's PCB with switches removed, highlighting the hot-swappable sockets that allow for easy switch replacement.

5.3 Battery Information

The keyboard is equipped with a 3800mAh battery, providing extended wireless usage. Recharge the keyboard using the USB-C cable. The keyboard can be used while charging.



Figure 6: Battery Indicator. This image shows the keyboard's battery capacity and expected usage duration.

6. TROUBLESHOOTING

- **Keyboard not responding:** Ensure the keyboard is charged and the connectivity switch is set to the correct mode (2.4G, BT, or wired). For Bluetooth, ensure it's paired correctly. Try reconnecting the USB-C cable or 2.4GHz receiver.
- **Driver not installing/opening:** Ensure your internet connection is stable when pressing FN+ESC for the first time. If issues persist, manually navigate to the IROK official website to download the driver.
- **RGB backlight is dim or not working:** Check the brightness settings using FN+F5/F6. Ensure the IROK Driver is installed and configured correctly. Some keycaps may not allow light to shine through as brightly as others.
- **Windows key disabled or Mac mode active:** If the Windows key is not working, press FN + F9 to toggle its lock status. If the keyboard behaves unexpectedly, press FN + M or FN + N to switch between Windows and Mac operating modes.
- **Bluetooth pairing issues:** Press and hold FN + 1/2/3 for 5 seconds to clear all Bluetooth pairing records, then

attempt to re-pair.

7. SPECIFICATIONS

Table 2: Product Specifications

Feature	Detail
Product Dimensions	15.16 x 5.56 x 1.1 inches
Item Weight	3.74 pounds
Manufacturer	IROK
Item Model Number	FE 98 PRO
Batteries	1 Product Specific batteries required. (included)
Compatible Devices	Laptop, PC
Connectivity Technology	Bluetooth, USB-C, 2.4GHz Wireless
Keyboard Description	Mechanical
Recommended Uses	Gaming, Personal
Special Features	Backlit, Ergonomic, Rechargeable, Hot-Swappable
Color	Black
Backlighting Color Support	RGB

8. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation included with your purchase or visit the official IROK website. Contact information for customer service can typically be found on the manufacturer's website or product packaging.