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› IROK Mer68 SE Wired 68 Keys Magnetic Switch Mechanical Keyboard User Manual

IROK Mer68 SE

IROK Mer68 SE Wired 68 Keys Magnetic Switch Mechanical Keyboard User Manual

Model: Mer68 SE

INTRODUCTION

This manual provides comprehensive instructions for the IROK Mer68 SE Wired 68 Keys Magnetic Switch Mechanical Keyboard. Please read this manual thoroughly before using the product to ensure proper operation and to maximize your experience.



Image: The IROK Mer68 SE Wired 68 Keys Magnetic Switch Mechanical Keyboard in white, showcasing its compact layout and RGB backlighting.

PACKAGE CONTENTS

Verify that all items are present in the package:

- IROK Mer68 SE Mechanical Keyboard
- USB-C Cable
- Keycap Puller

Flagship MCU Chip

Enhanced gaming performance

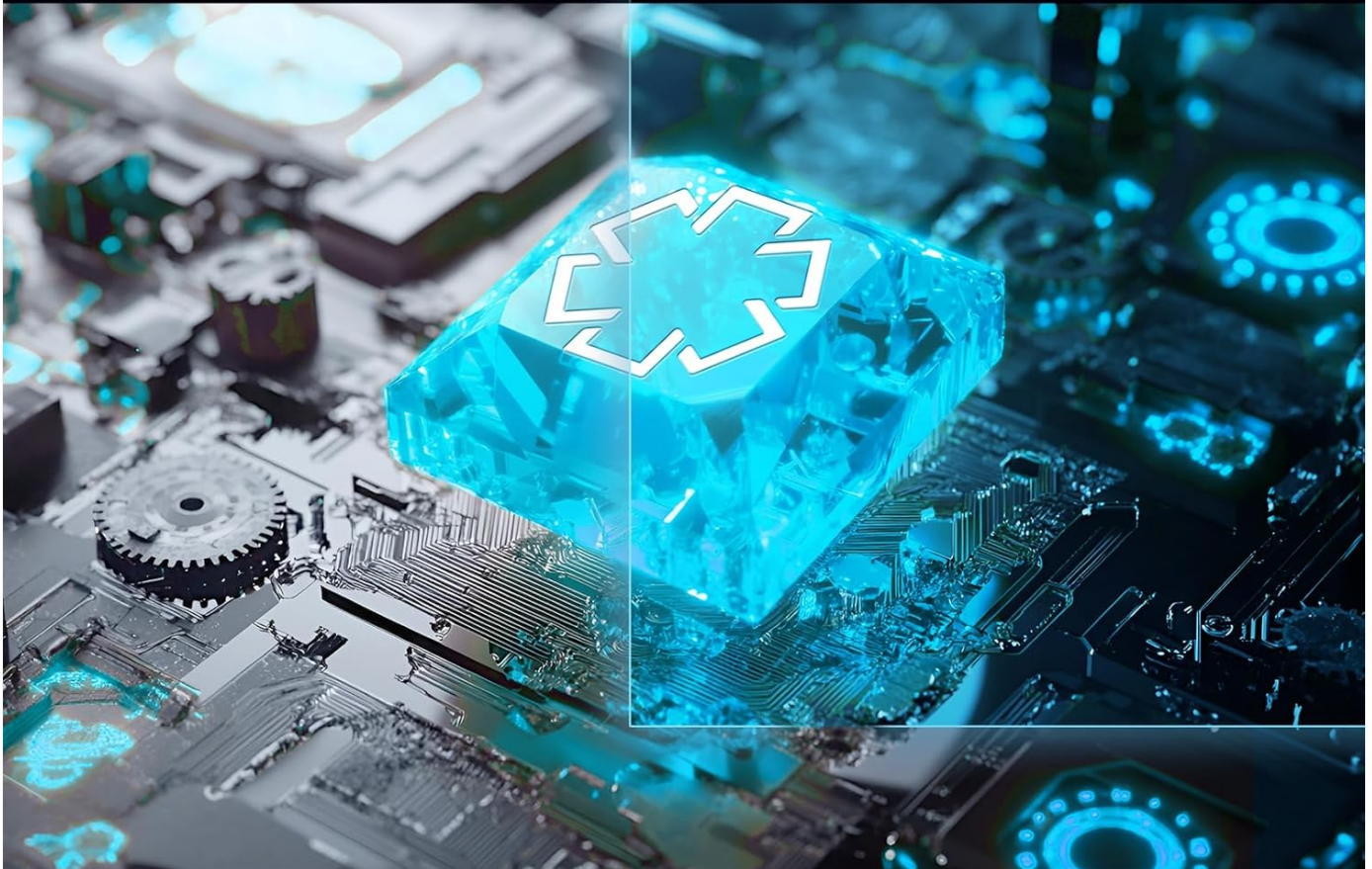


Image: The IROK Mer68 SE keyboard shown with its included USB-C cable and keycap puller, highlighting the accessories.

SETUP

1. **Connect the Keyboard:** Plug the USB-C end of the provided cable into the keyboard's port and the USB-A end into

an available USB port on your computer.

2. **Driver Installation:** The keyboard is plug-and-play for basic functionality. For advanced customization and features, download the proprietary driver from the official IROK website. Refer to the [Software/Driver](#) section for more details.
3. **Placement:** Position the keyboard comfortably on your desk. The compact 68-key layout is designed to save desktop space.

OPERATING INSTRUCTIONS

Basic Functions

The IROK Mer68 SE operates as a standard mechanical keyboard. All 68 keys are fully functional upon connection.

Advanced Features

- **Magnetic Switches:** Equipped with advanced magnetic switches and the First-generation GTURBO magnetic axis algorithm, providing precise and responsive input.
- **Hot-Swappable Design:** The "Mix" function allows for easy replacement of magnetic switches and keycaps without soldering, enabling personalized typing experiences.
- **ARGB Backlighting:** Features an independent IC 500HZ High Refresh Rate ARGB lamp for customizable lighting effects and enhanced visual comfort.

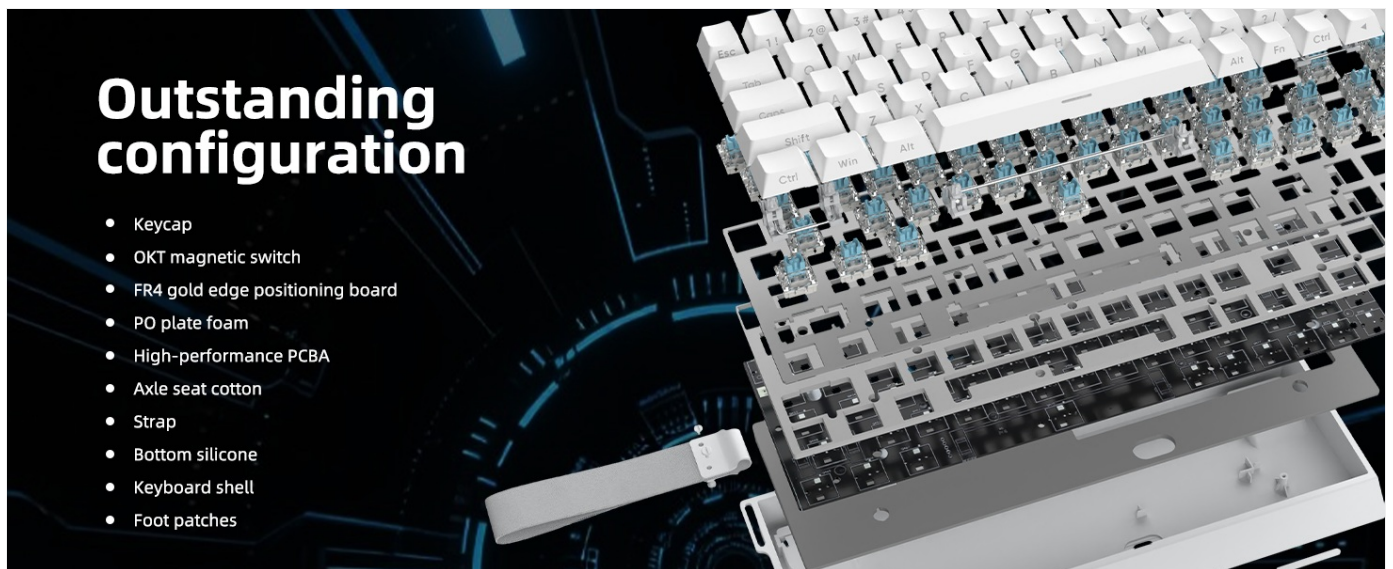


Image: An exploded diagram illustrating the internal components of the IROK Mer68 SE keyboard, including keycaps, magnetic switches, and PCB.



Image: The IROK Mer68 SE keyboard with vibrant ARGB backlighting, demonstrating the customizable illumination.

Software/Driver

The IROK Mer68 SE supports a Web Driver and a One-stop HUB Drive for comprehensive customization. This software allows for key remapping, macro creation, and ARGB lighting adjustments.

- **Web Driver:** Access customization options directly through a web interface, eliminating the need for local software installation.
- **One-stop HUB Drive:** A dedicated application for advanced settings and personalized profiles.

For driver download and detailed instructions, please visit the official IROK website: www.irok.cc

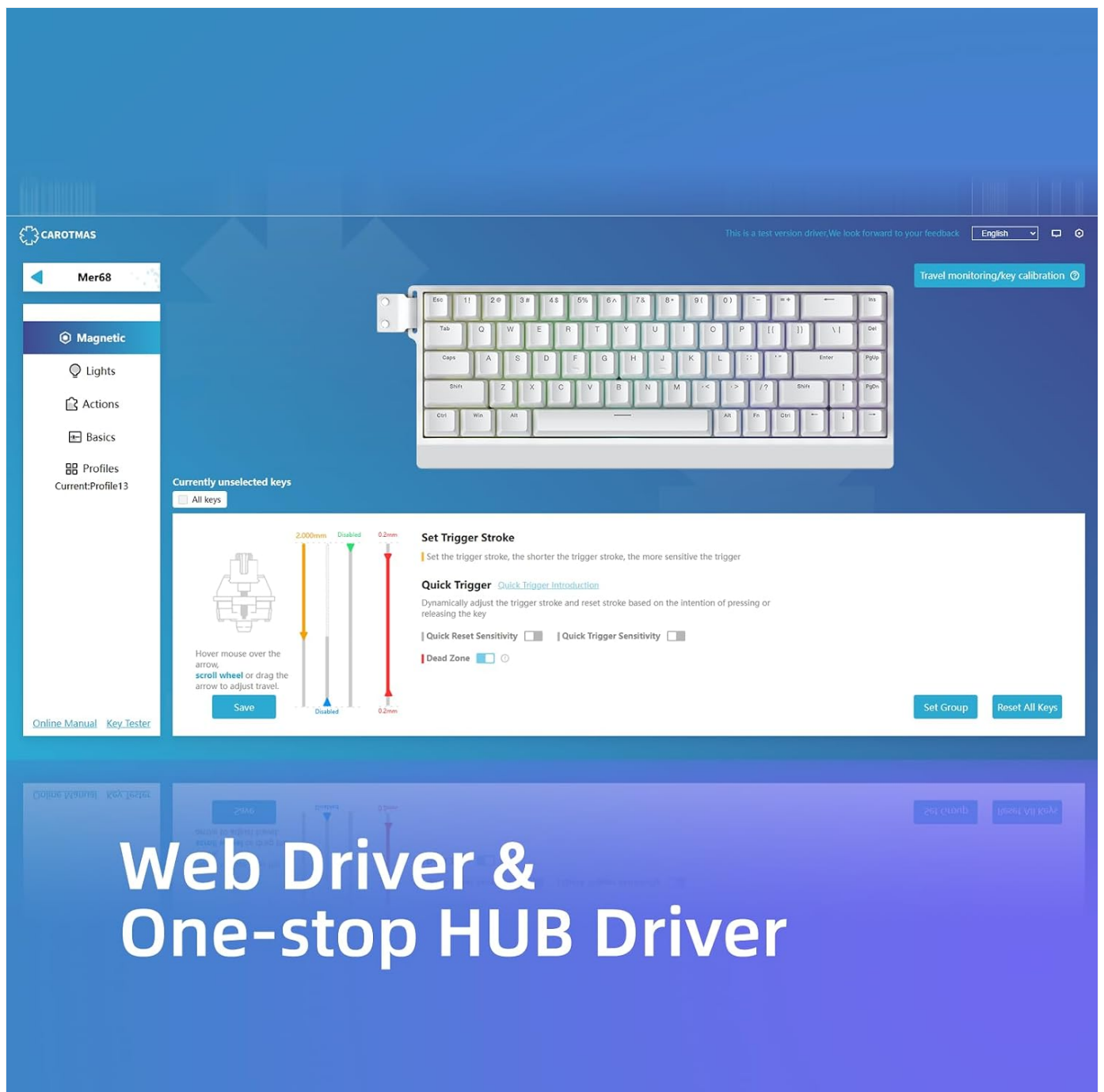


Image: A screenshot of the IROK Mer68 SE Web Driver interface, showing options for key calibration and lighting settings.



Image: A visual representation of the IROK Mer68 SE keyboard's compatibility with both web-based and dedicated hub drivers for customization.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to wipe the keyboard surface. For deeper cleaning, use the provided keycap puller to remove keycaps and clean underneath with compressed air or a soft brush.
- **Switch Replacement:** If a magnetic switch needs replacement, gently pull it out using a switch puller (not included, but compatible with hot-swappable design) and insert a new one, ensuring proper alignment.
- **Storage:** Store the keyboard in a dry, dust-free environment when not in use.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Keyboard not responding	Loose USB connection, faulty cable, driver issue.	Ensure USB cable is securely connected to both keyboard and computer. Try a different USB port. Test with a different USB-C cable. Reinstall or update the keyboard driver.
Keys not registering or double-typing	Dust/debris under keycap, faulty switch, software calibration issue.	Remove keycap and clean the switch area. If hot-swappable, try replacing the switch. Check driver settings for key calibration or actuation point adjustments.
ARGB lighting not working or incorrect	Software settings, firmware issue.	Adjust lighting settings in the IROK software/driver. Ensure the keyboard firmware is up to date.

SPECIFICATIONS

Feature	Detail
Model	Mer68 SE
Layout	68 Keys, Compact
Switch Type	Magnetic Switches (Hot-Swappable)
Polling Rate	8000 Hz (8KHz)
Latency	As low as 0.125 ms
Key Scan Rate	64 KHz (All Keys Scan Rate)
Backlighting	Customizable ARGB (Independent IC, 500Hz High Refresh Rate)
Connectivity	Wired (USB-C)
Driver Support	Web Driver & One-stop HUB Drive
Product Dimensions	12 x 5 x 2 inches (30.48 x 12.7 x 5.08 cm)

Feature	Detail
Item Weight	1.65 pounds (0.75 kg)

Latency As Low As
0.125MS



Image: A close-up view of the flagship MCU chip, indicating enhanced gaming performance.

Flagship MCU Chip

Equipped with a high-speed flagship MCU, delivers more smoother and stable gaming experience.

Image: A diagram highlighting the flagship MCU chip, which contributes to smoother and more stable gaming performance.

Latency As Low As 0.125MS

32K Full-key scanning, Latency as low as 0.125ms.

Image: The IROK Mer68 SE keyboard illustrating its low latency performance, achieving response times as low as 0.125ms.

**8000 Polling rate,
achieves a faster response**

Image: The IROK Mer68 SE keyboard highlighting its 8000 Hz polling rate for faster response.



Image: The IROK Mer68 SE keyboard emphasizing its 64KHz all keys scan rate for precise input.

WARRANTY AND SUPPORT

For warranty information, technical support, or further assistance, please refer to the official IROK website or contact their customer service directly. Details regarding specific warranty periods and support channels can typically be found on the product packaging or the manufacturer's website.

Official IROK Website: www.irok.cc

PRODUCT VIDEO

Your browser does not support the video tag.

Video: An official product video showcasing the IROK Mer68 wired keyboard's features, including its magnetic switches, ARGB lighting, and overall design.

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

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Question

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question