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> IROK MG68ACE Wired Magnetic Switch Gaming Keyboard User Manual

IROK MG68 ACE

IROK MG68ACE Wired Magnetic Switch Gaming Keyboard User Manual

Model: MG68 ACE

1. INTRODUCTION

The IROK MG68ACE is a high-performance 68-key wired magnetic switch gaming keyboard designed for precision and customization. It features a durable aluminum alloy body, advanced magnetic switches, and a customizable ARGB backlight. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your keyboard.

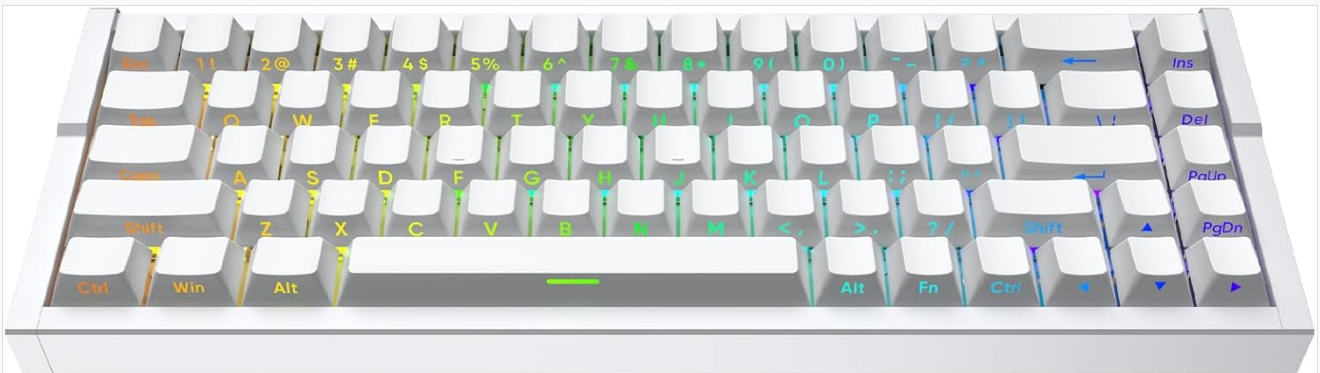


Image: The IROK MG68ACE keyboard in white, showcasing its compact 68-key layout and sleek design.

2. PACKAGE CONTENTS

Please verify that all items are present in your package:

- IROK MG68ACE Wired Magnetic Switch Gaming Keyboard
- USB Cable (for connection)
- Keycap Puller
- User Manual (this document)

Your browser does not support the video tag.

Video: An unboxing and overview of the IROK MG68ACE wired keyboard, demonstrating its contents and initial setup.

3. PRODUCT FEATURES

- **68 Keys Streamlined Layout:** A compact 65% TKL layout with a gaming gasket structure, integrating essential keys in a smaller footprint for desk space efficiency.
- **Advanced Magnetic Switches:** Equipped with a high-performance, high-speed flagship MCU for enhanced performance and stable gaming. Features a built-in temperature sensor for stability and durability.
- **Proprietary Web Driver:** Supports web-based and one-stop HUB drivers for easy operation and management, simplifying installation.
- **Customizable Keystroke Travel & Low Latency:** Each key offers 0.005mm accuracy, an 8KHz response rate, and a delay as low as 0.125ms for a zero-perception latency experience.
- **Aluminum Alloy Body:** Constructed with a CNC aluminum shell, providing a beautiful, smooth, durable, and corrosion-resistant premium quality build.
- **Hot-swappable Design:** Switches and keycaps can be freely replaced without soldering, allowing for personalized usage and preferences.
- **Customizable ARGB Backlight:** Dynamic ARGB backlight with a high refresh rate (500Hz), offering 16 million colors for a personalized typing environment and enhanced eye protection.

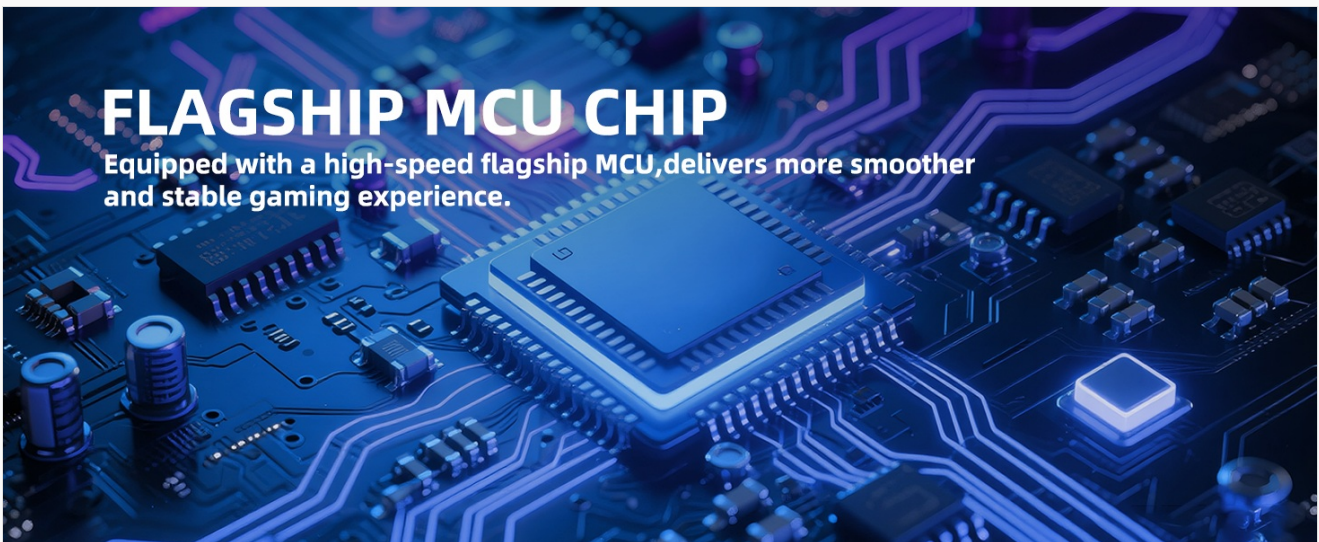


Image: A close-up of the keyboard's internal flagship MCU chip, highlighting its high computing power and speed.

4. SETUP

1. **Connect the Keyboard:** Plug the provided USB-C cable into the keyboard's USB-C port and the other end into an available USB port on your computer (Laptop or PC).
2. **Driver Installation:** The keyboard is plug-and-play for basic functionality. For advanced customization, including keystroke travel, rapid trigger, and ARGB lighting effects, download the proprietary web driver from the official IROK website.
3. **Initial Power-On:** Once connected, the keyboard's ARGB backlight will illuminate, indicating it is powered on and ready for use.

CUSTOMIZATION DRIVER

Support web driver and one-stop hub driver, more safer and faster

DRIVER DOWNLOAD ADDRESS: WWW.IROK.CC

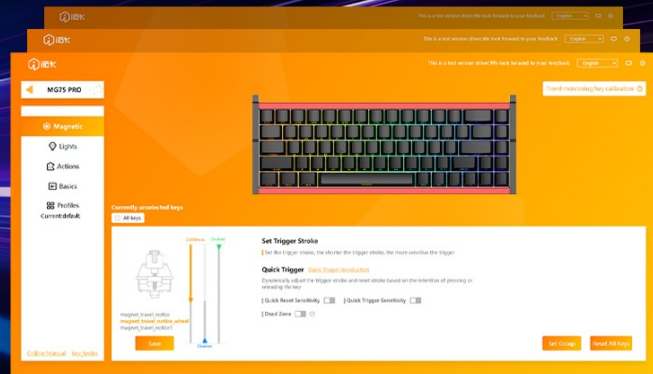


Image: Screenshot of the IROK customization driver interface, showing options for magnetic switch settings and lighting.

5. OPERATING INSTRUCTIONS

Basic Key Functions

The MG68ACE features a standard QWERTY layout with 68 keys. Due to its compact size, some functions are accessed via the Function (Fn) key combined with other keys.

- **Fn + [Key]:** Accesses secondary functions printed on the keycaps. Refer to the keycap legends for specific combinations (e.g., media controls, volume, lighting adjustments).

ARGB Backlight Control

The keyboard features customizable ARGB backlighting. Basic lighting modes can be cycled directly from the keyboard:

- **Fn + \|:** Cycle through different lighting effects.
- **Fn + [{}:** Decrease backlight brightness.
- **Fn +]|:** Increase backlight brightness.
- **Fn + ;:::** Decrease lighting effect speed.
- **Fn + '":** Increase lighting effect speed.

ALL MAGNETIC SWITCHES WITH "MIX" FUNCTION,
GET A PERSONALIZED USAGE EXPERIENCE



Image: A close-up of the keyboard's ARGB backlighting, illustrating the vibrant color options and high refresh rate.

6. CUSTOMIZATION

The IROK MG68ACE offers extensive customization through its dedicated web driver:

- **Keystroke Travel Adjustment:** Fine-tune the actuation point of each magnetic switch with 0.005mm accuracy to match your preference for different tasks or games.
- **Rapid Trigger:** Configure rapid trigger settings for instant actuation and reset, providing a competitive edge in fast-paced gaming.
- **ARGB Lighting Customization:** Access a full spectrum of 16 million colors and various lighting effects. Create custom lighting profiles and synchronize them with your setup.
- **Key Remapping & Macros:** Remap keys and create complex macros for enhanced productivity and gaming commands.

Visit the official IROK website to download the latest driver and access detailed instructions for customization.



Image: Illustrates the keyboard's low latency capability, crucial for competitive gaming.

7. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to wipe the keyboard surface. For deeper cleaning, use a can of compressed air to remove dust and debris from between keycaps. Avoid using harsh chemicals or abrasive materials.
- **Keycap Removal:** Use the provided keycap puller to carefully remove keycaps for cleaning or replacement. Gently pull straight up to avoid damaging the switch.
- **Switch Replacement:** The MG68ACE features hot-swappable magnetic switches. Use a switch puller (not included, but compatible with magnetic switches) to remove and replace switches without soldering. Ensure the new switch is aligned correctly before pressing it into place.
- **Cable Management:** Keep the USB-C cable organized to prevent kinks or damage.



Image: An exploded view of the keyboard's internal components, showing the robust structure and magnetic switches.

8. TROUBLESHOOTING

Issue	Possible Solution
Keyboard not responding	Ensure the USB-C cable is securely connected to both the keyboard and the computer. Try a different USB port or cable. Restart your computer.
Backlight not working or incorrect colors	Check lighting settings using Fn key combinations. Ensure the latest driver is installed and configured correctly. Try resetting the keyboard to factory defaults (refer to driver software).
Keys not registering or double-typing	Clean under the affected keycap. If hot-swappable, try reseating or replacing the magnetic switch. Ensure the driver's keystroke travel settings are appropriate.
Driver software not detecting keyboard	Ensure the keyboard is connected and powered on. Reinstall the driver software from the official IROK website. Temporarily disable any antivirus or firewall software that might interfere.

9. SPECIFICATIONS

Feature	Detail
Brand	IROK
Model Number	MG68 ACE
Connectivity Technology	USB-C (Wired)
Switch Type	Magnetic Switches (Hot-swappable)
Number of Keys	68
Keyboard Layout	QWERTY (65% TKL)
Backlighting	ARGB (16 Million Colors, 500Hz Refresh Rate)

Feature	Detail
Polling Rate	8KHz
Latency	As low as 0.125ms
Actuation Accuracy	0.005mm
Body Material	Aluminum Alloy (CNC)
Color	White
Product Dimensions	12.6"L x 4.8"W x 1.8"H
Item Weight	1.01 Kilograms
Compatible Devices	Laptop, PC

10. WARRANTY AND SUPPORT

The IROK MG68ACE keyboard comes with a **one-year warranty** from the date of purchase. This warranty covers manufacturing defects and ensures the product functions as intended under normal use.

For warranty claims, technical support, driver downloads, or further assistance, please visit the official IROK website or contact their customer service directly. Keep your proof of purchase for warranty validation.

Official IROK Website: www.irok.cc