Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

LexonElec MK37

LexonElec x Magic-Refiner MK37 Wired Gaming Keyboard User Manual

Model: MK37

Introduction

Thank you for choosing the LexonElec x Magic-Refiner MK37 Wired Gaming Keyboard. This 60% UK layout keyboard is engineered for competitive gaming, featuring advanced magnetic switches, an 8000Hz polling rate, and customizable RGB backlighting. This manual provides essential information for setup, operation, maintenance, and troubleshooting to ensure optimal performance.



Image: Overview of the MK37 keyboard highlighting its UK layout, magnetic switches, wired connection, and key features like 62 keys, 8000Hz polling rate, Rapid Trigger, and RGB backlighting.

Setup

1. Unboxing and Contents

Carefully unpack your keyboard and verify all contents are present:

- LexonElec x Magic-Refiner MK37 Keyboard
- USB-C to USB-A Cable
- Keycap and Switch Puller Tool
- 2x Spare Custom Magnetic Switches
- User Manual

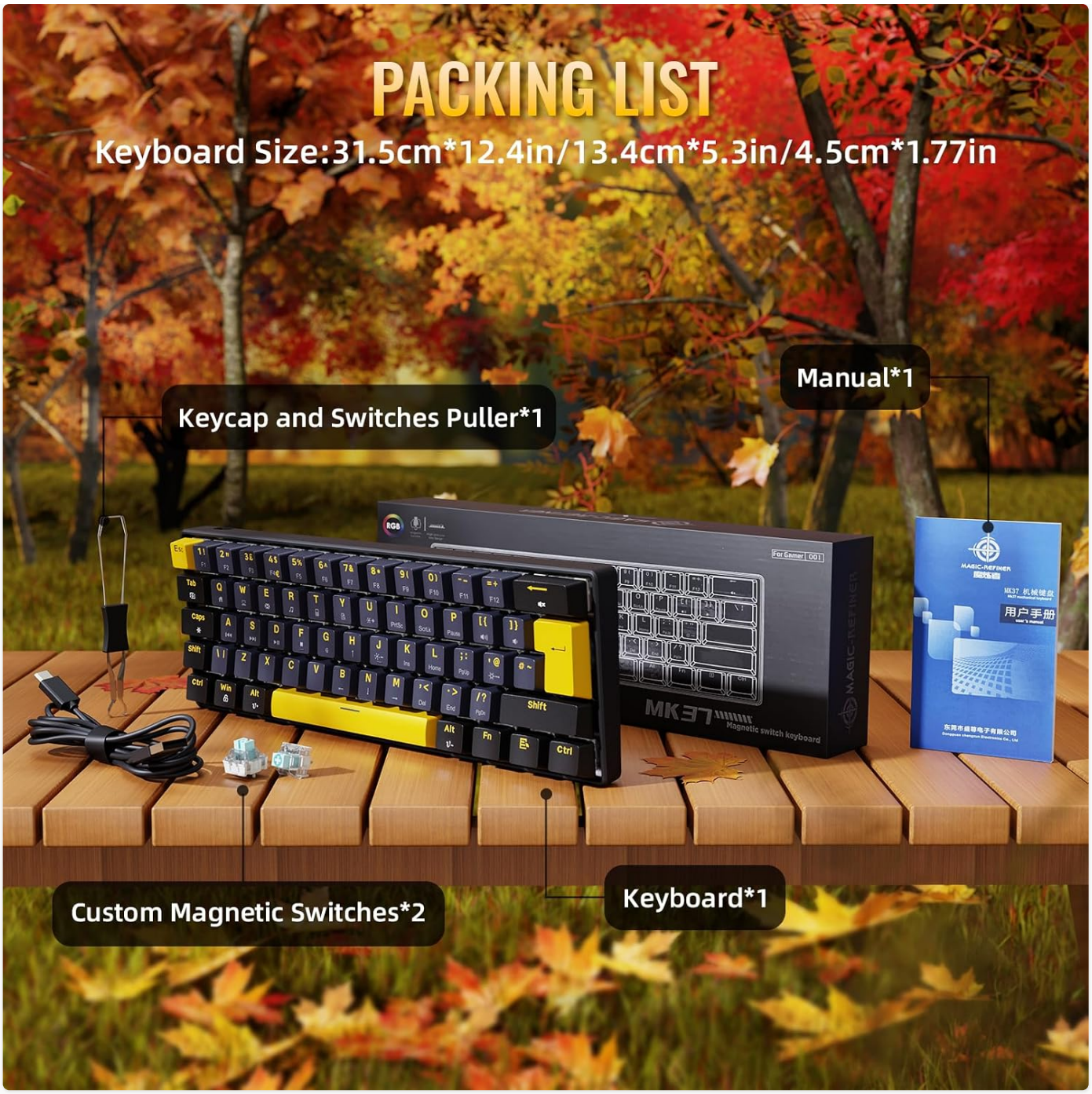


Image: Contents of the MK37 keyboard package, including the keyboard, USB cable, keycap and switch puller, two spare magnetic switches, and the user manual.

2. Connecting the Keyboard

1. Connect the USB-C end of the provided cable to the port on the keyboard.
2. Connect the USB-A end of the cable to an available USB port on your computer (PC or Mac).
3. The keyboard is plug-and-play and should be recognized automatically by your operating system.

3. Software Installation (Optional)

For advanced customization of key functions, trigger parameters, and RGB lighting, download the dedicated software:

- Visit the official software download page:bit.ly/MK37WEB
- Follow the on-screen instructions to install the software.
- Once installed, launch the software to access customization options.



Image: The custom software interface for the MK37 keyboard, demonstrating its capabilities for setting up key profiles, customizing backlight colors and effects, and full programmability.

Operating Instructions

1. Keyboard Layout and Functions

The MK37 features a compact 60% UK layout with 62 keys, designed to save desk space while retaining essential input functionalities. Many functions are accessed via the **Fn** key combinations.



Image: A visual comparison illustrating the compact 60% layout of the MK37 keyboard compared to a standard full-size keyboard, emphasizing its space efficiency.

2. Magnetic Switches and Rapid Trigger

The MK37 utilizes high-performance magnetic switches with a Hall Effect sensor, offering rapid response and precise control. The Rapid Trigger technology allows for ultra-precise actuation with 0.04mm accuracy, ensuring instant response for quick actions in gaming.

- **Trigger/End Force:** 40±5gf
- **Magnetic Flux:** 95±15 to 580±50GS
- **Travel:** 0.1mm to 3.4mm
- **Life Span:** 100,000,000 keystrokes



Image: Detailed view of a Hall Effect magnetic switch, illustrating its components and key performance metrics such as trigger force, magnetic flux, travel distance, and durability.

3. High Performance and Low Latency

Equipped with a custom high-frequency e-sport chip, the keyboard delivers a true 8000Hz polling rate and an ultra-low latency of 0.125ms, providing a response time significantly faster than standard keyboards.

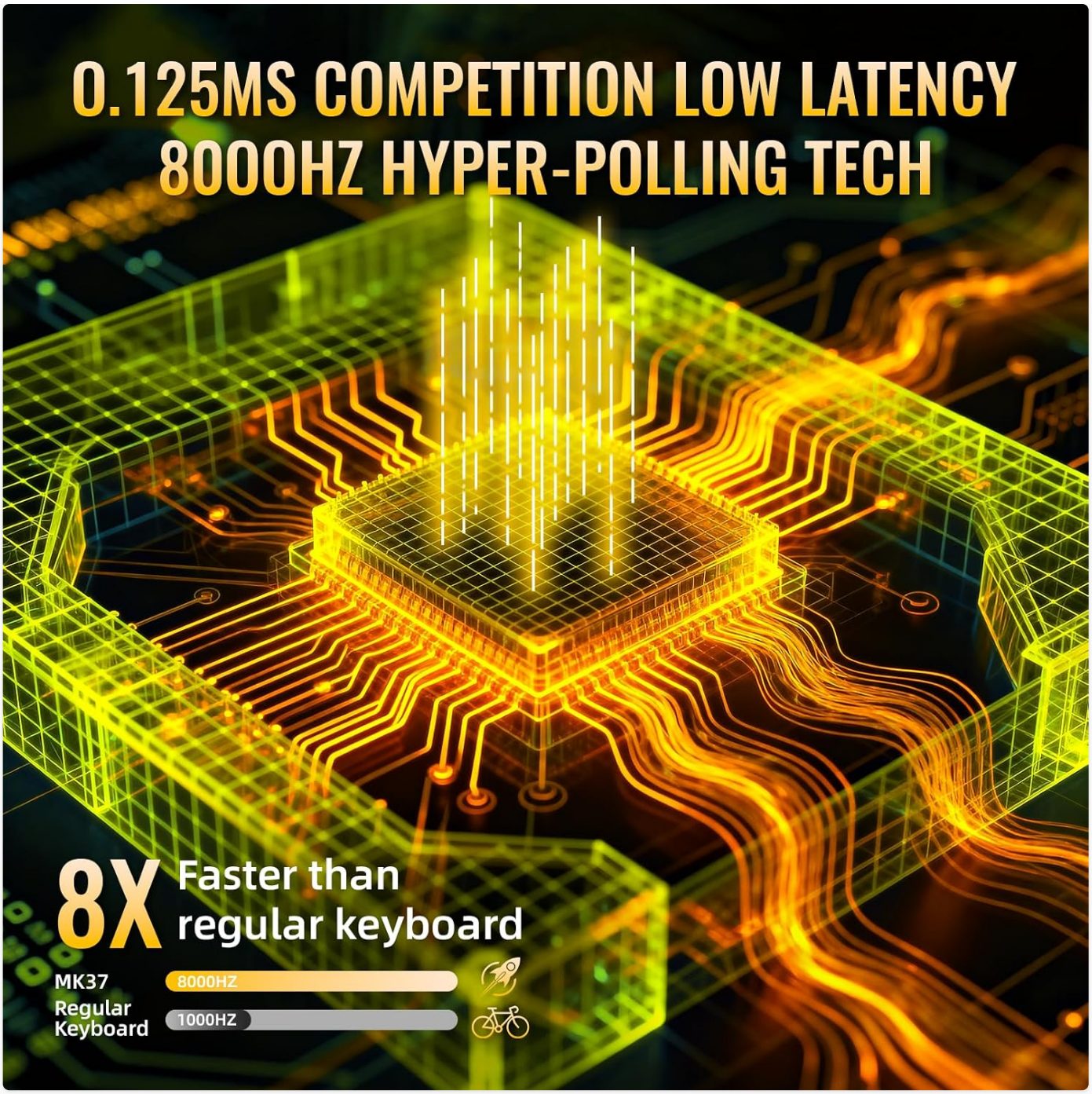


Image: A graphic representation highlighting the MK37's 0.125ms low latency and 8000Hz hyper-polling technology, indicating an 8x speed advantage over typical 1000Hz keyboards.

4. RGB Backlighting Control

The keyboard features dynamic RGB backlighting with multiple adjustable modes. Use the following Fn key combinations to control the lighting effects:

- **Fn + Tab:** Switch Light Mode
- **Fn + Caps Lock:** Switch Light Color
- **Fn + U:** Increase Backlight Brightness
- **Fn + J:** Decrease Backlight Brightness
- **Fn + Alt:** Decrease Backlight Speed
- **Fn + L:** Increase Backlight Speed



Image: The MK37 keyboard showcasing its vibrant RGB backlighting, with a visual guide to the Fn key combinations used for adjusting brightness, speed, and changing light modes.

Maintenance

1. Cleaning

- Disconnect the keyboard from your computer before cleaning.
- Use a soft, lint-free cloth lightly dampened with water or a mild cleaning solution to wipe the keycaps and chassis.
- For dust and debris between keycaps, use compressed air or a small brush.
- Avoid using harsh chemicals or abrasive materials.

2. Keycap and Switch Replacement

The MK37 keyboard is hot-swappable, allowing for easy replacement of keycaps and switches. Use the included keycap and switch puller tool:

- **To remove a keycap:** Gently hook the keycap puller under the edges of the keycap and pull upwards.
- **To remove a switch:** Use the switch puller to grasp the clips on the top and bottom of the switch, then pull upwards.
- **To install a switch:** Align the pins of the new switch with the holes on the PCB and press down firmly until it clicks into place. Ensure pins are not bent.
- **To install a keycap:** Align the keycap over the switch stem and press down gently until it is secure.

Troubleshooting

1. Keyboard Not Responding

- Ensure the USB cable is securely connected to both the keyboard and the computer.
- Try connecting the keyboard to a different USB port on your computer.
- Test the keyboard on another computer to rule out system-specific issues.
- Restart your computer.

2. RGB Lighting Not Working or Incorrect

- Use the Fn key combinations (Fn + Tab, Fn + Caps Lock, Fn + U/J/Alt/L) to adjust lighting modes, colors, brightness, and speed.
- Ensure the keyboard software is installed and updated to the latest version. Check software settings for lighting configurations.
- If a specific key's RGB is off, check if the switch is properly seated or if the LED on the PCB is damaged.

3. Keys Not Registering or Double-Typing

- Remove the keycap and switch for the affected key. Inspect the switch for any visible damage or debris.
- Re-seat the switch firmly. If the issue persists, try replacing it with one of the spare switches.
- Ensure the keyboard software is not causing conflicts or incorrect settings.

Specifications

Feature	Detail
Brand	LexonElec
Model Number	MK37
Connectivity Technology	Wired (USB-C)
Keyboard Layout	60% UK Layout (QWERTY)
Number of Keys	62
Switch Type	Magnetic (Hall Effect)
Polling Rate	8000Hz Max
Latency	0.125ms
RT Accuracy	0.04mm
Backlight	Dynamic RGB (16.8 Million Colors)

Compatible Devices	PC/Mac
Compatible OS Family	Windows
Keyboard Plate Material	Aluminium Alloy
Power Source	Cable Electric
Country of Origin	China



Image: An exploded view of the MK37 keyboard, highlighting the robust aluminium alloy positioning plate that contributes to its stability and durable construction.

Warranty Information

The LexonElec x Magic-Refiner MK37 Wired Gaming Keyboard comes with a**6-month warranty** from the date of purchase. This warranty covers manufacturing defects and issues arising from normal use. Please retain your proof of

purchase for warranty claims.
The warranty does not cover damage caused by:

- Accidental damage, misuse, or abuse.
- Unauthorized repairs or modifications.
- Operating the product outside its specified parameters.

Support

For further assistance, technical support, or warranty inquiries, please refer to the following:

- Visit the official LexonElec or Magic-Refiner website for FAQs and support resources.
- Contact the retailer from whom you purchased the product.
- For software-related questions, refer to the software download page:bit.ly/MK37WEB

© 2023 LexonElec. 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

Anonymous

Email

you@example.com

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

Example: How do I reset this device or fix this error?

Details

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

Submit question

Open the live page

https://manuals.plus/asin/B0FRRGWXT4

More documents and user manuals: **https://manuals.plus/**