## MIKIBY Alux60

# MIKIBY Alux60 Hall Effect Gaming Keyboard User Manual

Model: Alux60

## 1. PRODUCT OVERVIEW

The MIKIBY Alux60 is a 60% compact wired gaming keyboard featuring Hall Effect magnetic switches, rapid trigger technology, and a durable aluminum gasket-mounted design. It is engineered for high performance and customization, suitable for various operating systems.



Figure 1: MIKIBY Alux60 Hall Effect Gaming Keyboard. This image shows the compact 60% layout with red and black keycaps, highlighting its sleek design.

Figure 2: Alux60 Key Performance Metrics. This image illustrates the core technical specifications of the Alux60 keyboard, including its 0.01mm accuracy, 8K polling rate, 0.125ms ultra-low latency, and 128K ultra-high scanning rate.

## 2. PACKAGE CONTENTS

Verify that all items are present in the package:

- MIKIBY Alux60 Keyboard x 1
- USB-C Cable x 1
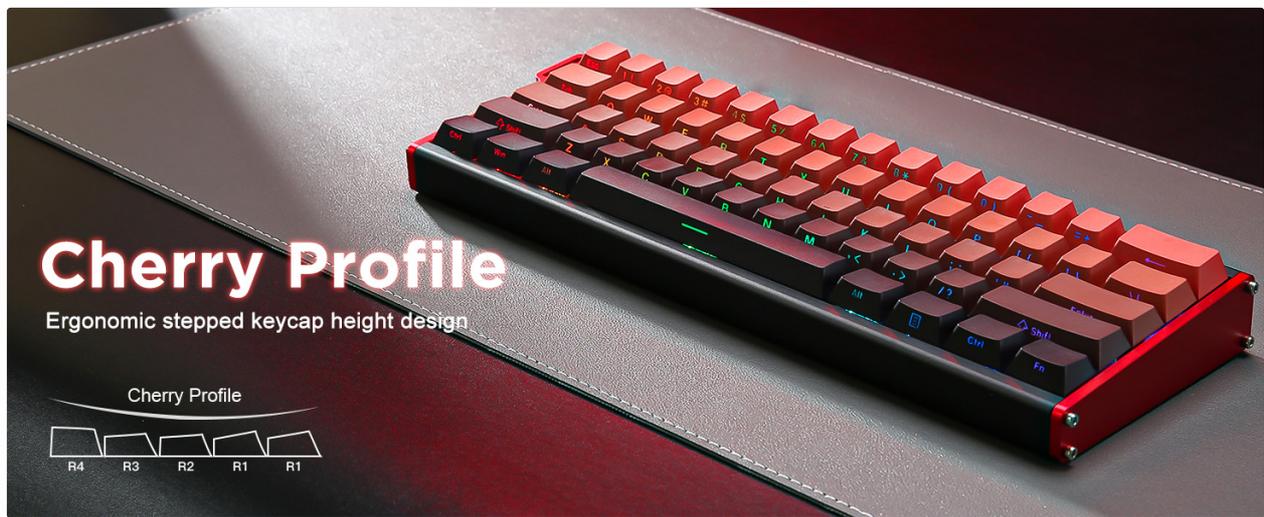- Keycap Puller x 1
- Ribbon x 1
- User Manual x 1

Figure 3: Package Contents. This image displays all items included in the product package: the Alux60 keyboard, USB-C cable, ribbon, keycap puller, and user manual.

# 3. SETUP INSTRUCTIONS

## 3.1 Connecting the Keyboard

1. Locate the USB-C port on the MIKIBY Alux60 keyboard.
2. Connect one end of the provided USB-C cable to the keyboard.
3. Connect the other end of the USB-C cable to an available USB port on your computer (PC, Laptop, Mac) or compatible device.
4. The keyboard is plug-and-play and should be recognized automatically by your operating system.

## 3.2 System Compatibility

The MIKIBY Alux60 keyboard is compatible with the following operating systems:

- Windows Vista/XP/7/8/10/11
- Mac OS

## 3.3 Switching Between Systems

To switch between operating system modes:

- For Mac OS: Press **FN + A**
- For Windows OS: Press **FN + S**

Figure 4: System Switching and Compatibility. This image provides a visual guide for switching between Mac and Windows systems and confirms broad compatibility.
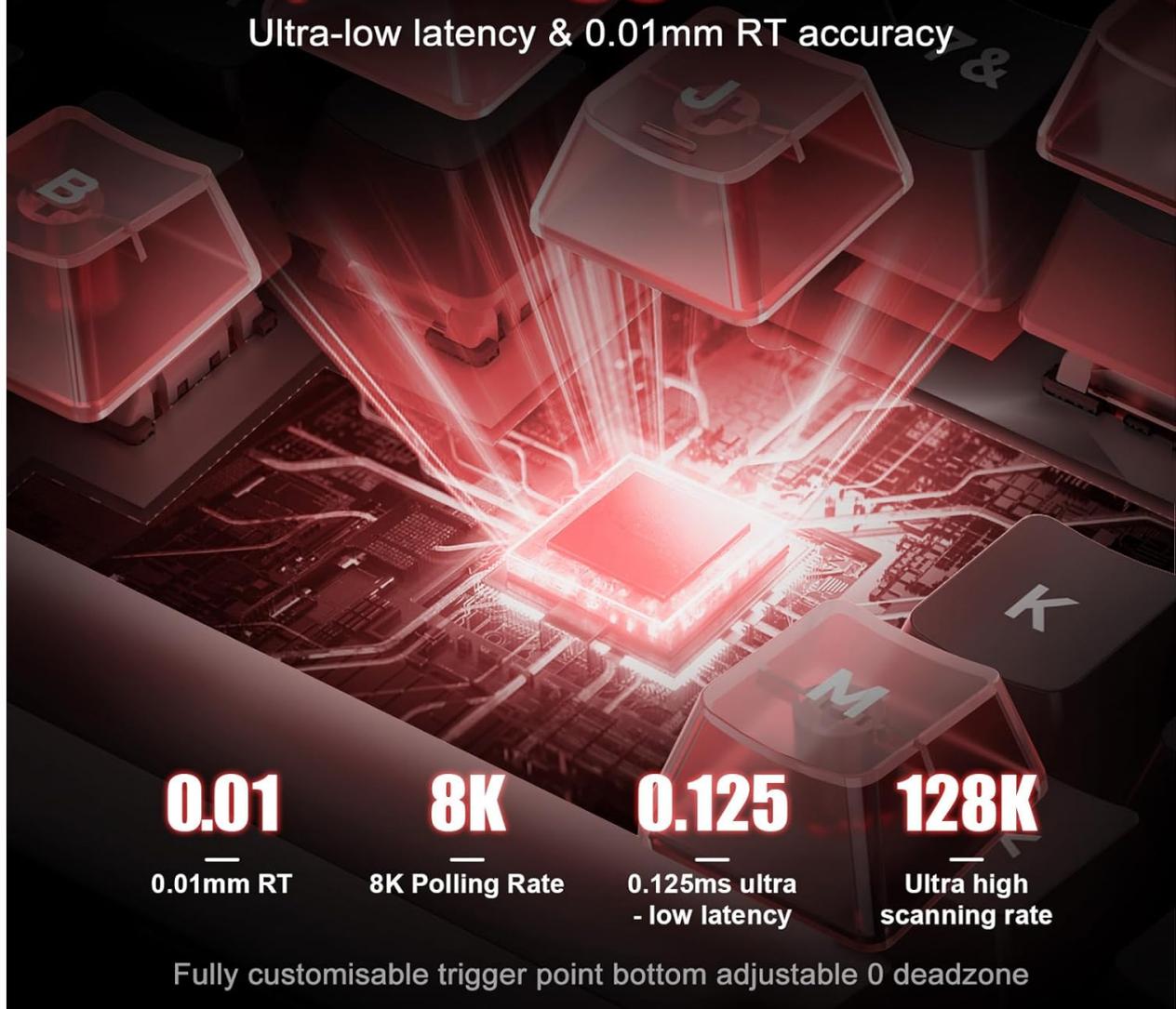
# 4. OPERATING INSTRUCTIONS

## 4.1 Hall Effect Magnetic Switches

The Alux60 utilizes Hall Effect magnetic switches, which detect key presses without physical contact, allowing for instantaneous actuation and ultra-low latency (0.125ms). These switches are ideal for gaming due to their speed and precision.

Figure 5: Magnetic Rookie Switch Details. A detailed diagram showing the internal components of a Magnetic Rookie Switch, including its operating force (32±10gf), total travel (3.4±0.2mm), and service life (100 million times), featuring RT function.

## 4.2 Rapid Trigger Mode

Rapid Trigger mode allows for highly customizable actuation sensitivity and faster double-taps. This feature, combined with a 128K polling rate, provides precise control for competitive gaming.

Figure 6: Rapid Trigger Mode. This image explains the Rapid Trigger Mode, emphasizing its 0.01mm RT accuracy and ultra-low latency for fully customizable trigger points and zero deadzone.
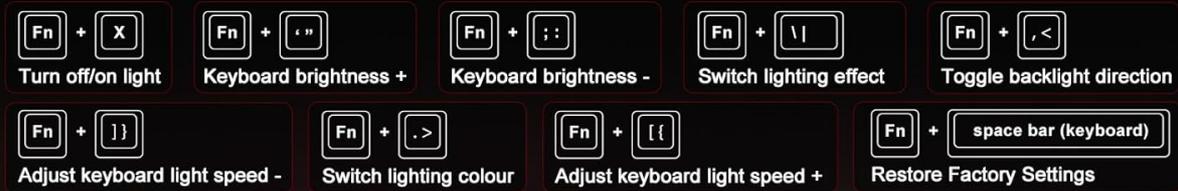
## 4.3 RGB Lighting Control

The keyboard features 16.8 million color dynamic RGB lighting. You can adjust lighting effects, brightness, and colors using the dedicated web driver or FN key combinations.

- Turn on/off light: **Fn + X**
- Keyboard brightness +: **Fn + "**
- Keyboard brightness -: **Fn + :**
- Switch lighting effect: **Fn + \|**
- Toggle backlight direction: **Fn + <**
- Adjust keyboard light speed -: **Fn + [{**
- Switch lighting color: **Fn + >**
- Adjust keyboard light speed +: **Fn + ]}**
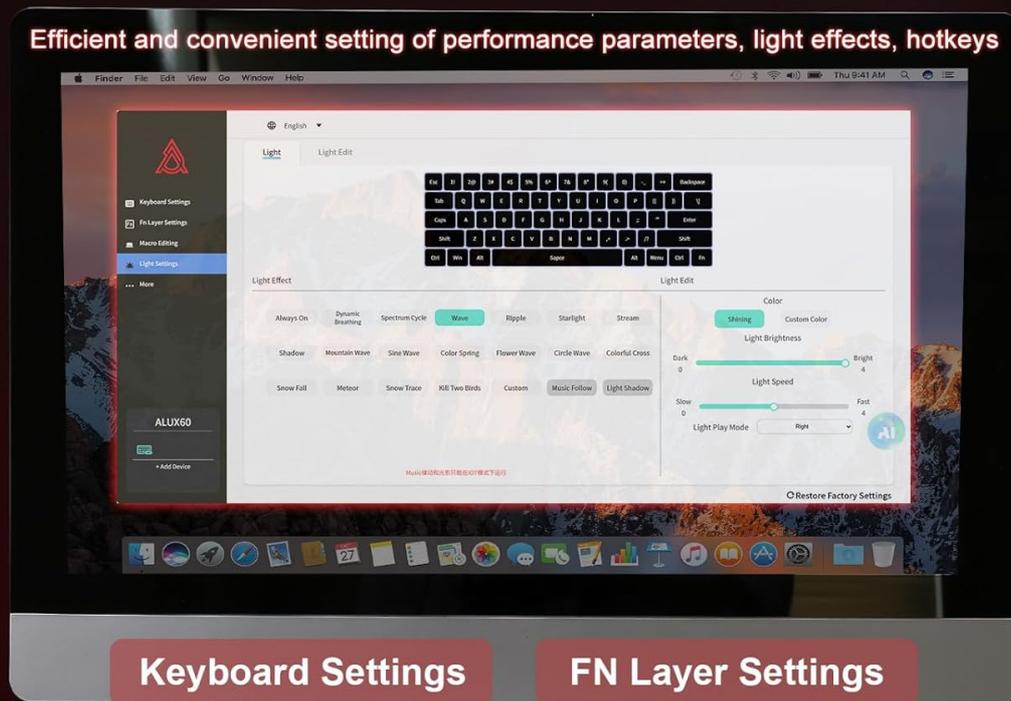- Restore Factory Settings: **Fn + Spacebar (hold)**

Figure 7: RGB Lighting Controls. An illustration detailing the FN key combinations used to control the keyboard's 16.8 million color RGB backlight, including brightness, effects, and color switching.

## 4.4 Programmable Web Driver

The Alux60 features a professional web-based driver for advanced customization. This driver allows you to configure DKS (Dynamic Keystroke), MT (Mod Tap), TGL (Toggle Key) functions, key mapping, macro editing, and RGB lighting settings directly from your web browser on Windows systems, without requiring software installation.
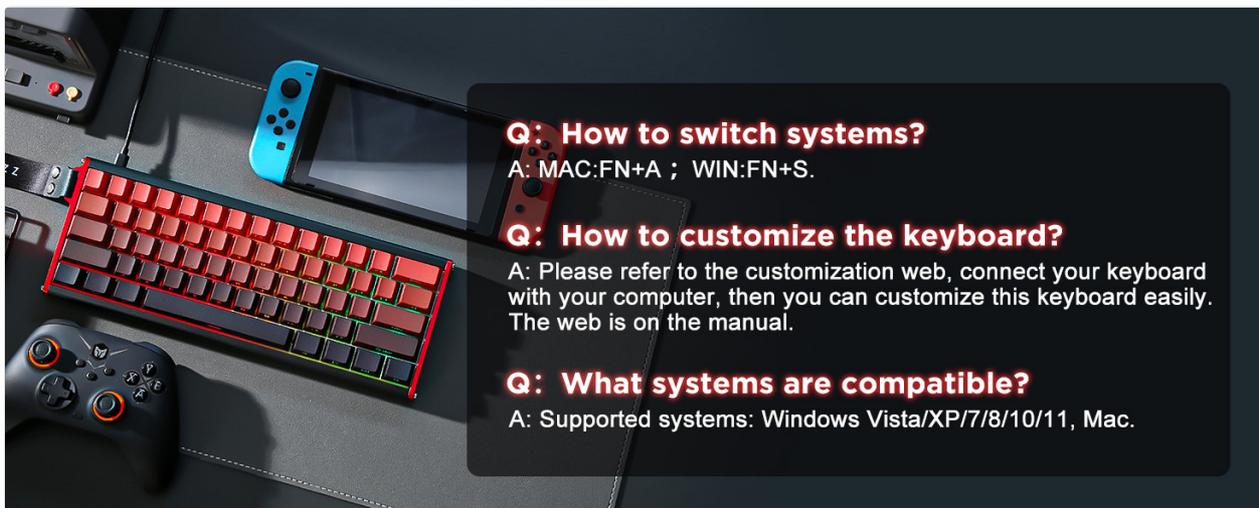
Figure 8: Web Driver Interface. A screenshot of the web-based driver interface, showing options for keyboard settings, FN layer settings, macro editing, and lighting adjustments.

## 4.5 FN Shortcuts

The keyboard includes various FN key combinations to access additional functions and multimedia controls. Refer to the diagram below for a comprehensive list of shortcuts.



**Q: How to switch systems?**
A: MAC:FN+A ；WIN:FN+S.

**Q: How to customize the keyboard?**
A: Please refer to the customization web, connect your keyboard with your computer, then you can customize this keyboard easily. The web is on the manual.

**Q: What systems are compatible?**
A: Supported systems: Windows Vista/XP/7/8/10/11, Mac.

## 4.6 N-Key Rollover

The N-Key Rollover feature ensures that all keys pressed simultaneously are registered accurately without conflict. This is beneficial for fast-paced gaming and complex key combinations.
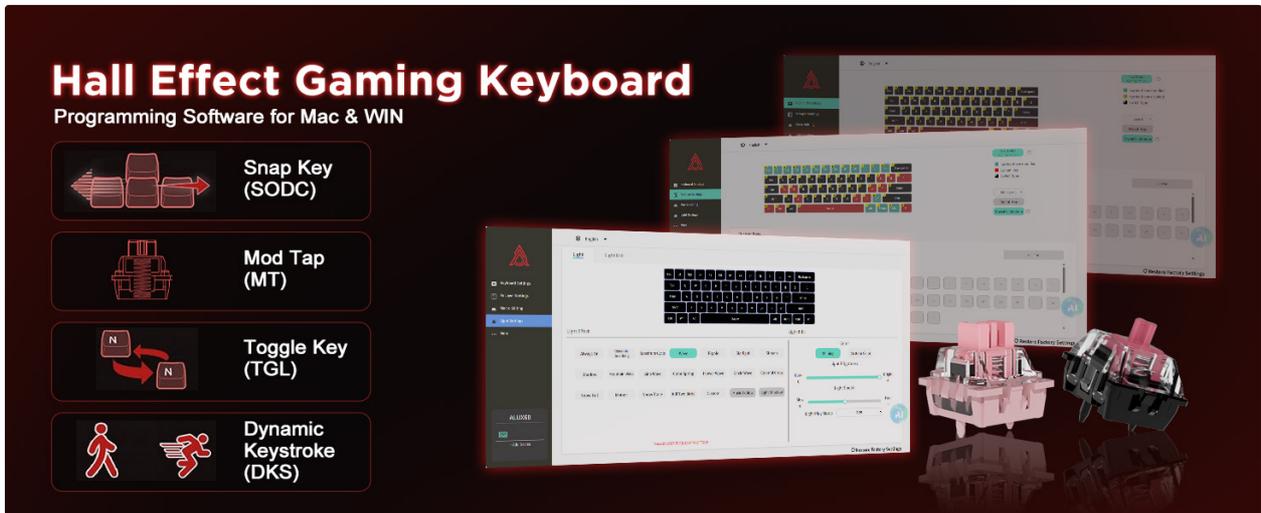


Figure 10: N-Key Rollover. An image demonstrating the N-Key Rollover feature, which ensures all simultaneous key presses are registered accurately without conflict.

## 5. MAINTENANCE

### 5.1 Cleaning the Keyboard

To maintain optimal performance and appearance:

- Disconnect the keyboard from your computer before cleaning.
- Use a soft, dry cloth to wipe down the keycaps and chassis.
- For stubborn dirt, a slightly damp cloth with mild soap can be used, ensuring no liquid enters the keyboard.
- Use compressed air to remove dust and debris from between the keycaps.

### 5.2 Hot-Swappable Switches

The Alux60 supports hot-swappable magnetic switches, allowing for easy replacement or customization without soldering. Use the included keycap puller and switch puller (if applicable) for this process.
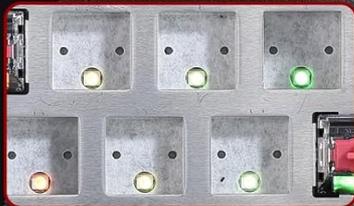
1. Gently remove the keycap using the keycap puller.
2. Using a switch puller, carefully grip the switch and pull it straight up to remove it from the PCB.
3. Align the pins of the new magnetic switch with the sockets on the PCB.
4. Press the new switch firmly until it clicks into place. Ensure it is seated correctly.
5. Replace the keycap.

Figure 11: Hot Swappable Keyboard. A close-up view demonstrating the hot-swappable nature of the keyboard, showing how magnetic switches can be easily removed and replaced.

# 6. TROUBLESHOOTING

## 6.1 Keyboard Not Responding

- Ensure the USB-C 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.
- If the issue persists, try restoring factory settings by holding **Fn + Spacebar**.

## 6.2 RGB Lighting Not Working or Incorrect

- Check the RGB lighting controls using **Fn** key combinations (refer to Section 4.3).

- Access the web driver to verify and adjust lighting settings.
- Ensure the keyboard firmware is up to date (check the MIKIBY website for updates).

## 6.3 Customization Issues with Web Driver

- Ensure your keyboard is connected to your computer and recognized.
- Access the customization web interface as instructed in the manual.
- Use a compatible web browser (e.g., Chrome, Firefox).
- Clear your browser's cache and cookies if you experience loading issues.

## 7. SPECIFICATIONS

| Feature | Detail |
| --- | --- |
| Model | Alux60 |
| Brand | MIKIBY |
| Connectivity Technology | USB-C (Wired) |
| Keyboard Description | Mechanical |
| Switch Type | Hall Effect Magnetic Rookie Switch |
| Polling Rate | 8K Hz |
| Actuation Latency | 0.125ms |
| Key Rollover | N-Key Rollover |
| Backlighting | 16.8 Million Color RGB |
| Keycaps | Side-printed PBT Keycaps |
| Material | Aluminum (CNC machined body) |
| Compatible Devices | Gaming Console, Laptop, PC, Smartphone, Tablet |
| Item Weight | 3.14 pounds |
| Package Dimensions | 14.84 x 5.55 x 2.4 inches |
| Date First Available | May 23, 2025 |

## 8. WARRANTY AND SUPPORT

## 8.1 Warranty Information

Please refer to the product packaging or the official MIKIBY website for detailed warranty information regarding your Alux60 keyboard. Warranty terms typically cover manufacturing defects for a specified period from the date of purchase.

## 8.2 Customer Support

For technical assistance, troubleshooting, or any product-related inquiries, please contact MIKIBY customer support through the official brand website or the contact information provided with your purchase documentation.