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MechLands A75

LEOBOG A75 Alice Keyboard User Manual

Model: A75
Brand: MechLands

1. Introduction

This user manual provides comprehensive instructions for the setup, operation, maintenance, and troubleshooting of your LEOBOG A75 75% Alice Keyboard. Designed for comfort and performance, this keyboard features an ergonomic Alice layout, versatile connectivity options, and customizable functions. Please read this manual thoroughly to ensure proper use and to maximize your experience with the product.

2. Package Contents

- LEOBOG A75 Alice Keyboard
- USB Cable (Type-C)
- Keycap Puller



Figure 2.1: Included package contents.

The package includes the LEOBOG A75 Alice Keyboard, a USB Type-C cable for wired connection and charging, and a keycap puller for easy customization and maintenance of keycaps.

3. Product Overview

3.1 Key Features

- **Alice Layout with Knob:** Ergonomic design for comfortable typing, featuring a multifunctional knob for volume and

RGB brightness adjustment.

- **Joystick Design:** A programmable joystick located between key areas functions as arrow keys and an Enter key.
- **Top Mount Structure:** Enhanced typing feel and sound with four layers of sound-dampening inner filling.
- **Flex-Cut 1.2mm Hotswappable PCB and PC Plate:** Allows for easy switch replacement without soldering and provides a softer typing feel.
- **Tri-Mode Connectivity:** Supports Bluetooth 5.0, 2.4GHz wireless, and Type-C USB wired connections.
- **4000mAh Battery:** Ensures extended use across all connection modes.
- **Side Light and North-Facing LEDs:** Customizable RGB backlighting with 16 default effects and 10 music rhythm effects.
- **Magnetic Keyboard Stands:** Offers two adjustable typing angles by simply flipping the stands.

3.2 Component Identification



Figure 3.1: Top view of the LEOBOG A75 Alice Keyboard.

The LEOBOG A75 keyboard features a distinct Alice layout, splitting the main key area for ergonomic comfort. It includes a knob in the top right corner and a joystick in the center.



Figure 3.2: Detailed view of key features.

This image highlights the central joystick, indicator lights, the RGB side lighting, and the magnetic stands on the underside of the keyboard.



Figure 3.3: Multifunctional Knob.

The knob located on the top right corner of the keyboard controls volume and RGB brightness. A long press switches

between these two functions.

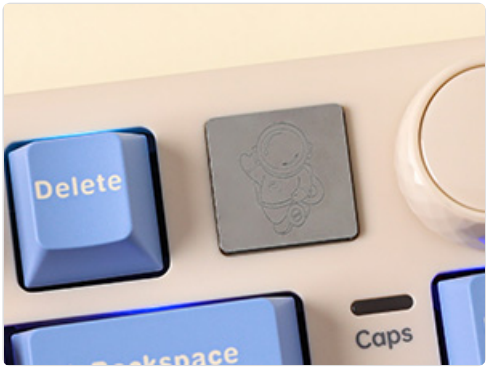


Figure 3.4: Central Joystick.

The joystick positioned in the center of the keyboard functions as arrow keys when moved and an Enter key when pressed. It is programmable via the LEOBOG driver.



Figure 3.5: Connectivity Ports and Switches.

The side of the keyboard features the USB Type-C port and switches for selecting between wired, 2.4GHz wireless, and Bluetooth connectivity modes.

4. Setup

4.1 Initial Charging

Before first use, it is recommended to fully charge the keyboard. Connect the supplied USB Type-C cable to the keyboard's Type-C port and the other end to a USB power source (e.g., computer USB port, wall adapter). The indicator light will show charging status and turn off when fully charged.

4.2 Connecting the Keyboard

The LEOBOG A75 keyboard supports three connection modes: wired, 2.4GHz wireless, and Bluetooth.

4.2.1 Wired Connection

1. Ensure the keyboard's mode switch is set to the 'Wired' position.
2. Connect the USB Type-C cable from the keyboard to your computer's USB port.
3. The keyboard will be automatically recognized and ready for use.

4.2.2 2.4GHz Wireless Connection

1. Locate the 2.4GHz USB receiver (dongle) in the keyboard's storage slot.
2. Plug the USB receiver into an available USB port on your computer.
3. Set the keyboard's mode switch to the '2.4G' position.
4. The keyboard should connect automatically. If not, press **Fn** + ~ to initiate pairing.

4.2.3 Bluetooth Connection

1. Set the keyboard's mode switch to the 'BT' position.
2. On your device (PC, laptop, tablet, smartphone), enable Bluetooth and search for new devices.
3. On the keyboard, press and hold **Fn + 1**, **Fn + 2**, or **Fn + 3** for 3-5 seconds to enter pairing mode for the corresponding Bluetooth channel. The indicator light will flash rapidly.
4. Select 'LEOBOG A75' from the list of available Bluetooth devices on your device.
5. Once paired, the indicator light will stop flashing. You can switch between paired Bluetooth devices by pressing **Fn + 1/2/3**.

5. Operating Instructions

5.1 Knob Functionality

The multifunctional knob on the top right corner controls volume and RGB brightness. Rotate the knob to adjust the volume or brightness. Long press the knob to switch between volume control mode and RGB brightness control mode.

5.2 Joystick Functionality

The joystick located in the center of the keyboard acts as arrow keys (up, down, left, right) when moved. Pressing the joystick functions as the Enter key. This joystick is programmable via the LEOBOG driver for custom functions.

5.3 Lighting Effects

The LEOBOG A75 features RGB backlighting with 16 default lighting effects and 10 music rhythm effects. You can cycle through lighting effects by pressing **Fn + M**. To toggle through different colors, press **Fn + N**. Further customization, including over 16 million color options, is available through the LEOBOG driver software.

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Video 5.1: An overview video showcasing the design and various features of the MechLands x LEOBOG A75 Alice-Layout Keyboard.

5.4 Magnetic Stands

The keyboard is equipped with unique magnetic stands that offer two different typing angles. To adjust the angle, simply pop out the round-shaped magnetic stand from its slot and flip it to the other side, then reinsert it. This provides flexibility and comfort during extended use.

5.5 Hot-Swappable Switches

The LEOBOG A75 features a hot-swappable PCB, allowing you to easily change mechanical switches without the need for soldering. Use the included keycap puller to remove keycaps, then use a switch puller (not included, but compatible with the included keycap puller) to remove the switches. Insert new 3-pin or 5-pin compatible switches by aligning them with the sockets and pressing gently until they click into place.



Figure 5.1: Hot-swappable switch replacement.

This image illustrates the process of removing and replacing switches on the hot-swappable PCB.

5.6 Software Customization

The LEOBOG A75 keyboard can be customized using the dedicated LEOBOG driver software. This software allows for key remapping, macro creation, and advanced lighting effect customization. Please note that the software currently supports Windows operating systems only.

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Video 5.2: This video demonstrates the typing sound and feel of the MechLands x LEOBOG A75 Alice-Layout Keyboard, highlighting its acoustic properties.

6. Maintenance

6.1 Cleaning

To clean your keyboard, first disconnect it from all power sources. Use a soft, lint-free cloth slightly dampened with water or a mild cleaning solution 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. Ensure the keyboard is completely dry before reconnecting.

6.2 Storage

When not in use for extended periods, store the keyboard in a cool, dry place away from direct sunlight and extreme temperatures. If possible, keep it in its original packaging or a protective case to prevent dust accumulation and physical damage.

7. Troubleshooting

Issue	Possible Cause	Solution
Keyboard not connecting (Wireless/Bluetooth)	Incorrect mode selected, low battery, pairing issue, interference.	Ensure correct mode switch position. Charge the keyboard. Re-initiate pairing (see Section 4.2). Move closer to the receiver/device.
Keys not responding or double-typing	Dust/debris under keycap, switch malfunction, software issue.	Clean under keycaps. Try replacing the switch (if hot-swappable). Restart the keyboard/computer. Update keyboard firmware/driver.
RGB lighting not working or incorrect	Lighting effect setting, software conflict.	Cycle through lighting effects (Fn + M) and colors (Fn + N). Check LEOBOG driver settings.
Knob or Joystick not functioning	Incorrect mode, software issue.	Long press the knob to switch functions. Check LEOBOG driver settings for joystick programming.
Software not recognizing keyboard (Windows 11)	Driver compatibility, installation issue.	Ensure you have the latest LEOBOG driver version. Reinstall the driver. Try running the software in compatibility mode.

8. Specifications

Feature	Detail
Product Dimensions	14.57 x 4.72 x 1.18 inches
Item Weight	3.44 pounds
Manufacturer	MechLands
Item Model Number	A75
Batteries	1 Lithium Ion batteries required (included)
Connectivity Technology	Bluetooth 5.0, 2.4G Wireless, USB-C
Keyboard Description	Gaming
Recommended Uses	Everyday Use, Personal, Education, Gaming, Business
Special Features	Ergonomic, Split Keyset Design, Backlit, Programmable Keys, Hot-Swappable

Feature	Detail
Color	White
Number of Keys	75
Keyboard Backlighting	RGB
Style	Modern

9. Warranty and Support

This product comes with a standard manufacturer's warranty. For detailed warranty information and terms, please refer to the warranty card included in your product packaging or visit the official MechLands website. For technical support, troubleshooting assistance, or any product-related inquiries, please contact MechLands customer service through their official channels. Keep your purchase receipt as proof of purchase for warranty claims.

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