LEMOKEY P1P-M4

LEMOKEY P1 Pro Wireless Custom Mechanical Keyboard User Manual

Model: P1P-M4
Brand: LEMOKEY

1. INTRODUCTION

The LEMOKEY P1 Pro is a 75% layout QMK custom mechanical keyboard designed for versatile use across various operating systems. It features a full aluminum body, RGB backlighting, hot-swappable switches, and multiple connectivity options including 2.4 GHz wireless, Bluetooth, and wired USB-C.

Image: The LEMOKEY P1 Pro keyboard in a desk setup, showcasing its compact 75% layout and RGB lighting.

2. PACKAGE CONTENTS

Verify that all items are present in the package:

- LEMOKEY P1 Pro Wireless Custom Mechanical Keyboard
- Type-A to Type-C Cable
- Extension Adapter for 2.4 GHz Receiver
- Type-A 2.4 GHz Receiver
- Keycap & Switch Puller
- Hex Key

Image: An illustration showing the keyboard and its included accessories: Type-A to Type-C Cable, Extension Adapter, 2.4 GHz Receiver, Keycap & Switch Puller, and Hex Key.

3. SETUP

3.1. Connectivity Modes

The P1 Pro supports three connection modes: Wired (USB-C), 2.4 GHz Wireless, and Bluetooth. Use the switch located on the back edge of the keyboard to select your desired mode.

Image: A close-up of the back of the keyboard showing the USB-C port and the toggle switch for 'G' (2.4 GHz), 'USB' (Wired), and 'BT' (Bluetooth) modes.

3.1.1. Wired Mode

- Connect the keyboard to your device using the provided Type-A to Type-C cable.
- Ensure the mode switch is set to 'USB'.

3.1.2. 2.4 GHz Wireless Mode

- Plug the 2.4 GHz receiver into a USB-A port on your device. For optimal signal, use the extension adapter.
- Set the mode switch on the keyboard to 'G'.
- The keyboard should automatically connect.

Image: A user interacting with the LEMOKEY P1 Pro keyboard, highlighting its 2.4 GHz and Bluetooth wireless capabilities.

3.1.3. Bluetooth Mode

- Set the mode switch on the keyboard to 'BT'.

- On your device, search for Bluetooth devices and select 'LEMOKEY P1 Pro' to pair.

- The keyboard can connect to up to 3 Bluetooth devices. Switch between paired devices using the appropriate key combination (refer to the keyboard's quick start guide for specific keybinds).

3.2. Charging

The keyboard is equipped with a 4000 mAh Lithium Ion battery. To charge, connect the keyboard via the USB-C cable to a power source. The RGB backlighting will indicate charging status (e.g., pulsing for charging, solid for full).

4. OPERATING INSTRUCTIONS

4.1. Key Remapping and Macros (QMK/VIA)

The P1 Pro is a QMK-compatible keyboard, allowing for extensive customization of key functions, macros, and

shortcuts. Use the Lemokey web app (compatible with the latest Chrome, Opera, or Edge browser) to remap keys and customize settings. Ensure the keyboard is connected via wired mode when using the web app.

Image: Screenshot of the Lemokey web app interface, demonstrating how to remap keys and customize keyboard functions for different operating systems like Linux, macOS, and Windows.

4.2. Programmable Knob

The knob located at the top right of the keyboard is programmable. By default, it controls media volume (turn to adjust) and mute/unmute (press to toggle).

Image: A detailed view of the programmable knob, highlighting its tactile design and functionality.

4.3. RGB Backlighting

The keyboard features full RGB backlighting. Various lighting effects and colors can be customized through the QMK/VIA software. Refer to the software interface for available options and controls.

4.4. Hot-Swappable Switches

The P1 Pro is equipped with hot-swappable sockets, allowing you to change mechanical switches without soldering. It supports most 3-pin or 5-pin MX-style mechanical switches.

Image: A close-up of the keyboard with several keycaps removed, revealing the hot-swappable KEYCHRON Super Banana switches underneath.

5. MAINTENANCE

5.1. Cleaning

- To clean the keycaps, gently remove them using the provided keycap puller. Wipe the keycaps with a soft, damp cloth.
- Use compressed air to remove dust and debris from between the switches.
- Wipe the aluminum body with a soft, dry cloth. Avoid abrasive cleaners.

5.2. Keycap and Switch Replacement

- Use the keycap puller to remove existing keycaps.
- Use the switch puller to carefully remove switches. Grip the switch firmly and pull straight up.
- To install new switches, align the pins with the holes on the PCB and press down gently until the switch clicks

into place. Ensure pins are not bent.
- Place new keycaps onto the switches, pressing down firmly.

Image: Individual double-shot PBT keycaps, highlighting their durable construction and legends.

6. TROUBLESHOOTING

6.1. Keyboard Not Responding

- **Wired Mode:** Ensure the USB-C cable is securely connected to both the keyboard and the computer, and the mode switch is set to 'USB'. Try a different USB port or cable.
- **2.4 GHz Wireless Mode:** Ensure the 2.4 GHz receiver is properly plugged in and the mode switch is set to 'G'. Check if the keyboard battery is charged.
- **Bluetooth Mode:** Ensure the mode switch is set to 'BT'. Re-pair the keyboard with your device. Check if the keyboard battery is charged.

6.2. Keys Not Registering

- Ensure the switches are fully seated in their sockets. Gently press down on any loose switches.
- If a specific key is not working, try swapping its switch with a working one to determine if the issue is with the switch or the PCB.

6.3. RGB Backlighting Issues

- Ensure the keyboard battery is sufficiently charged.
- Check QMK/VIA software settings for lighting effects and brightness levels.

7. SPECIFICATIONS

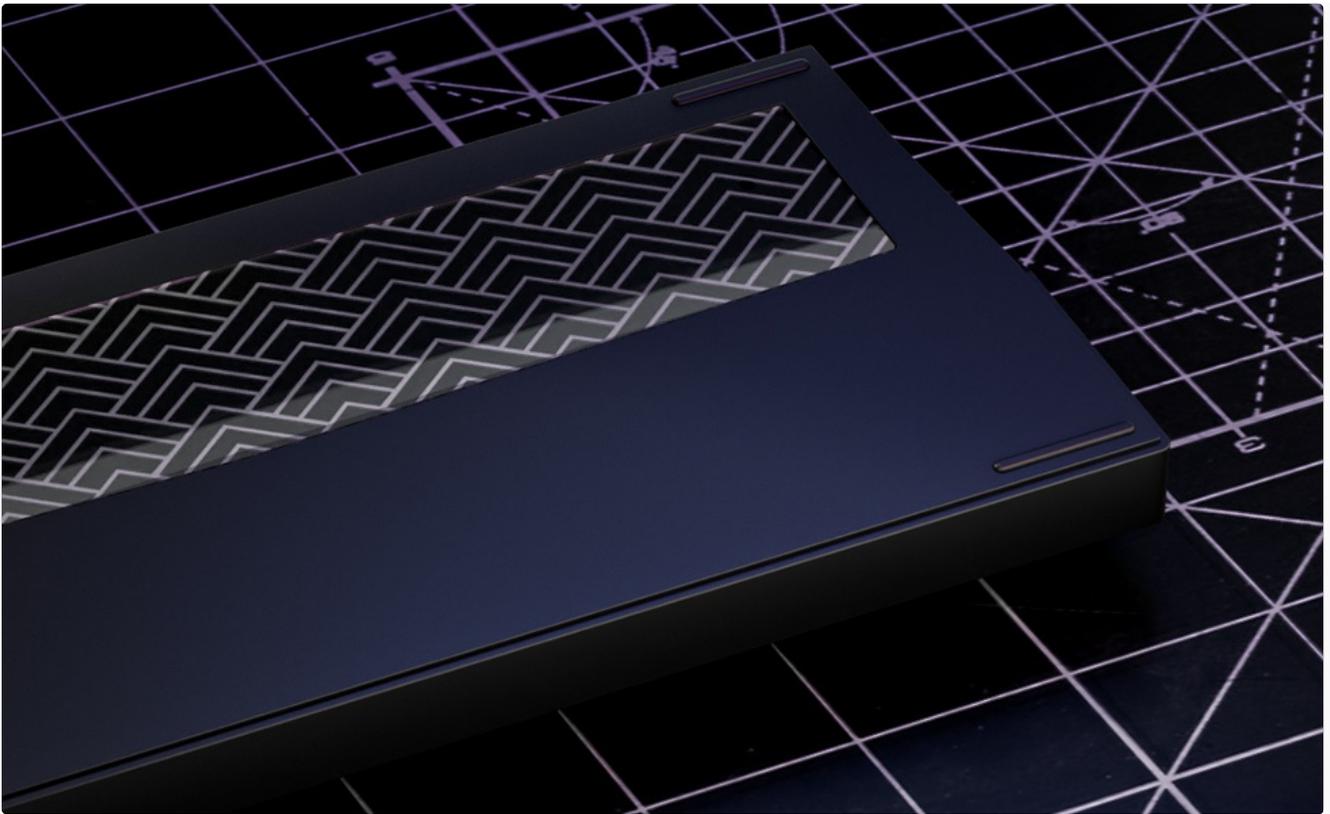| Feature	Detail
Model Number	P1P-M4
Layout	75% (82 Keys)
Body Material	6063 Aluminum
Keycaps	Double-shot Cherry PBT
Switches	KEYCHRON Super Banana Switch (Hot-swappable 3-pin & 5-pin MX Mechanical Switches)
Connectivity	2.4 GHz Wireless, Bluetooth (5.1), USB-C Wired
Polling Rate	1000 Hz (2.4 GHz & Wired), 90 Hz (Bluetooth)
Backlighting	RGB
Battery	1 Lithium Ion (4000 mAh)
Dimensions (L x W x H)	12.68 x 5.51 x 1.24 inches (322 x 140 x 31.5 mm)
Item Weight	5.24 pounds (2.38 kg)
Compatible OS	Mac, Windows, Linux
Special Features	QMK/VIA Programmable, Full Metal Body, Programmable Knob, Gasket Mount, Enhanced Acoustic Foams (IXPE, PET, Absorbing Foam)

Image: A visual representation of the LEMOKEY P1 Pro's technical specifications, including dimensions, weight, and key features.

8. WARRANTY AND SUPPORT

8.1. Warranty Information

The LEMOKEY P1 Pro Wireless Custom Mechanical Keyboard comes with a standard manufacturer's warranty. Please refer to the warranty card included in your product packaging or visit the official LEMOKEY website for detailed warranty terms and conditions.

8.2. Customer Support

For technical assistance, troubleshooting, or any product-related inquiries, please contact LEMOKEY customer support through their official website or the contact information provided in your product documentation.