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## LEMOKEY P1 Pro

# LEMOKEY P1 Pro Wireless Custom Mechanical Keyboard User Manual

Model: P1 Pro

## 1. PRODUCT OVERVIEW

The LEMOKEY P1 Pro is a 75% layout wireless custom mechanical keyboard designed for enhanced typing and gaming experiences. It features a full aluminum body, QMK/VIA programmability, hot-swappable switches, and versatile connectivity options.



Figure 1: LEMOKEY P1 Pro Wireless Custom Mechanical Keyboard.

## 2. PACKAGE CONTENTS

Verify that all items are present in the package:

- LEMOKEY P1 Pro Mechanical Keyboard x1
- Type-A to Type-C Cable x1
- Extension Adapter for 2.4 GHz Receiver x1
- Type-A 2.4 GHz Receiver x1
- Keycap & Switch Puller x1
- Hex Key x1



Figure 2: Included accessories and keyboard in the package.

## 3. SETUP

### 3.1. Connectivity Modes

The P1 Pro supports three connectivity modes: 2.4 GHz Wireless, Bluetooth, and Wired (USB-C). A switch located on the back of the keyboard allows selection between these modes.



Figure 3: USB-C port and the G (2.4 GHz), USB (Wired), and BT (Bluetooth) mode switch.

### 3.1.1. 2.4 GHz Wireless Connection

1. Set the mode switch to 'G'.
2. Insert the 2.4 GHz receiver into a USB-A port on your device. For optimal signal, use the provided extension adapter.
3. The keyboard will automatically connect.

### 3.1.2. Bluetooth Connection

1. Set the mode switch to 'BT'.
2. On your device, search for Bluetooth devices and select 'LEMOKEY P1 Pro'.
3. The keyboard can connect to up to 3 devices simultaneously. Switch between paired devices using the appropriate key combination (refer to the keyboard's keymap for details).

### 3.1.3. Wired Connection

1. Set the mode switch to the USB icon.
2. Connect the keyboard to your device using the provided Type-A to Type-C cable.

# 2.4 GHZ & BLUETOOTH CONNECTION



Figure 4: The keyboard connected wirelessly to a computer setup.

## 3.2. Charging

The keyboard is equipped with a 4000 mAh Lithium Ion battery. Connect the keyboard via the USB-C cable to a power source (e.g., computer USB port, wall adapter) to charge. The charging indicator will show the battery status.

## 4. OPERATING INSTRUCTIONS

### 4.1. Keycap and Switch Features

The P1 Pro features durable double-shot PBT keycaps that are resistant to fading and wear. The keyboard is hot-swappable, allowing users to change switches without soldering. It is compatible with most 3-pin or 5-pin MX-style mechanical switches.

# DOUBLE-SHOT PBT KEYCAPS



Figure 5: Double-shot PBT keycaps, known for durability and texture.

# HOT-SWAPPABLE KEYCHRON SUPER BROWN SWITCH



Figure 6: Illustration of the hot-swappable switch feature, showing a KEYCHRON Super Brown switch.

## 4.2. Programmable Knob

The keyboard includes a programmable knob located at the top right. By default, this knob controls system volume (rotate) and mute/unmute (press).



Figure 7: The multi-function rotary knob for volume control and mute.

### 4.3. QMK/VIA Customization

The P1 Pro is QMK/VIA compatible, allowing for extensive customization of key assignments, macros, and lighting effects. Use the Lemokey web app (Launcher) to remap keys and knob functions. Ensure you use the latest version of Chrome, Opera, or Edge browser and connect the keyboard via wired mode for customization.

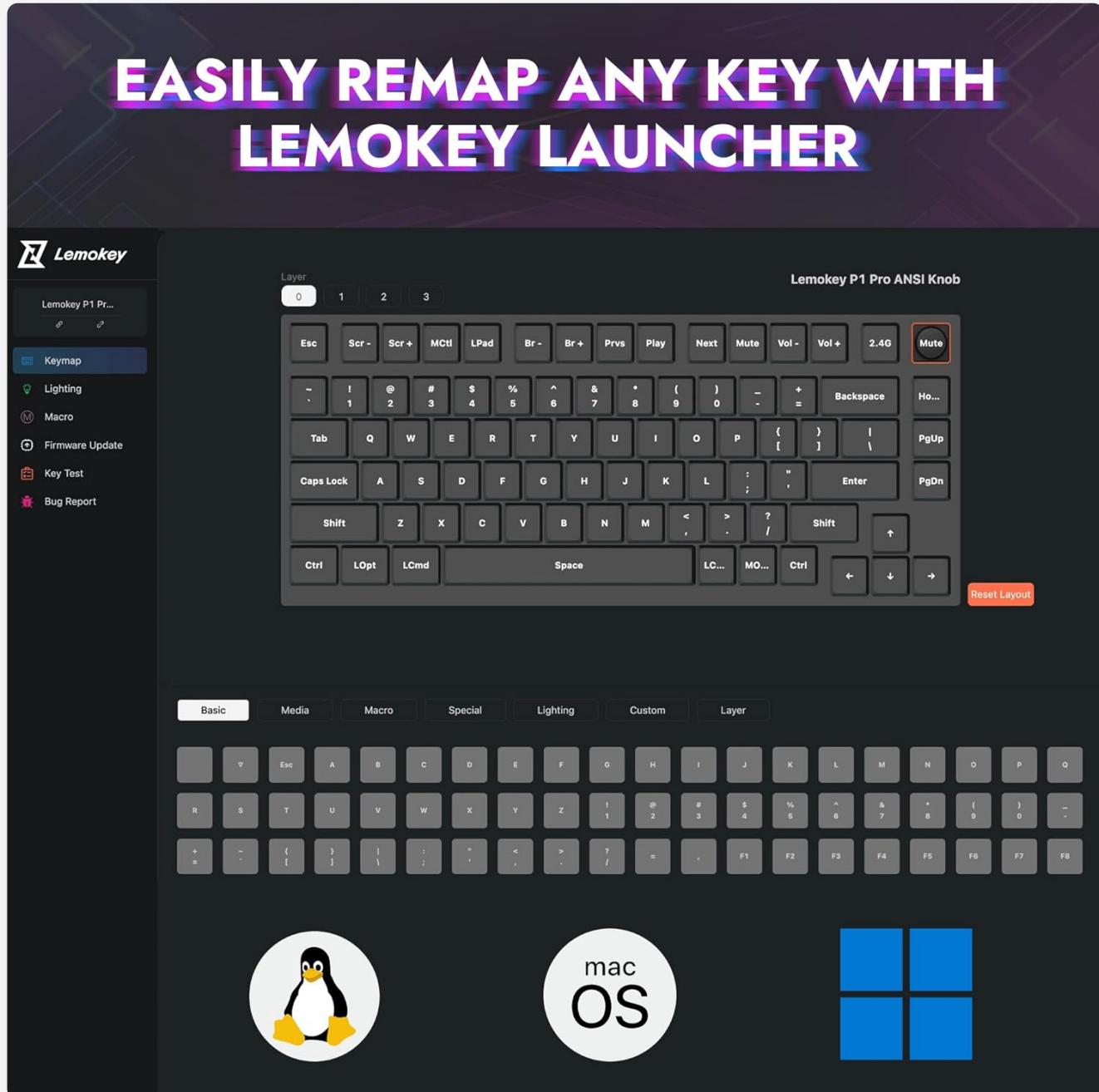


Figure 8: The Lemokey Launcher interface for customizing keymaps and functions.

### 4.4. RGB Backlighting

The keyboard features RGB backlighting. Lighting effects and brightness can be adjusted through the QMK/VIA software or via onboard key combinations (refer to the keyboard's specific keymap for details).

### 4.5. Compatibility

The LEMOKEY P1 Pro is compatible with Mac, Windows, and Linux operating systems.

## 5. MAINTENANCE

## 5.1. Cleaning

To clean the keyboard, first disconnect it from your device. Use a soft, dry cloth to wipe the aluminum body. For keycaps, a damp cloth with mild soap can be used, ensuring no liquid enters the switches. The provided keycap puller can be used to remove keycaps for deeper cleaning.

## 5.2. Keycap and Switch Care

While PBT keycaps are durable, avoid excessive force when removing them to prevent damage. When replacing switches, ensure they are aligned correctly with the PCB pins to prevent bending.

# 6. TROUBLESHOOTING

## 6.1. Connectivity Issues

- 2.4 GHz:** Ensure the receiver is securely plugged in and the keyboard switch is set to 'G'. Try a different USB port or use the extension adapter.
- Bluetooth:** Confirm the keyboard switch is set to 'BT' and your device's Bluetooth is enabled. Try re-pairing the keyboard.
- Wired:** Verify the USB-C cable is properly connected to both the keyboard and your device, and the switch is set to the USB icon.

## 6.2. Keycap Damage During Removal

Exercise caution when using the keycap puller. If a keycap appears to be dented or damaged, it may be due to improper removal technique. Replacement keycaps may be available from the manufacturer.

## 6.3. Customization Software Issues

If experiencing issues with the Lemokey web app (Launcher), ensure you are using a compatible and updated browser (Chrome, Opera, or Edge) and that the keyboard is connected via wired mode during the customization process.

# 7. SPECIFICATIONS

Feature	Detail
Product Dimensions	12.68" L x 5.51" W x 1.24" H (322 x 140 x 31.5 mm)
Item Weight	3.64 pounds (1650 g)
Body Material	Full CNC Machined 6063 Aluminum
Plate Material	Polycarbonate (PC)
Keycaps	Cherry Double-shot PBT Keycaps (Non-backlight Shine Through)
Switches	KEYCHRON Super Brown Switch (Hot-swappable with 3-pin & 5-pin MX Mechanical Switches)
Stabilizers	Screw-in PCB Stabilizer
Backlighting	South-facing RGB
Connectivity Technology	2.4 GHz Wireless, Bluetooth (5.1), USB-C Wired

Polling Rate	1000 Hz (2.4 GHz and Wired) / 90 Hz (Bluetooth Mode)
N-Key Rollover (NKRO)	Yes
MCU	WB32F3G71RCT6 (256KB Flash)
Battery	1 Lithium Ion (4000 mAh)
Battery Working Time	Up to 200 Hours (Backlit off)
Compatible Devices	Laptop, PC, Smartphone, Tablet
Operating System Compatibility	Windows, macOS, Linux

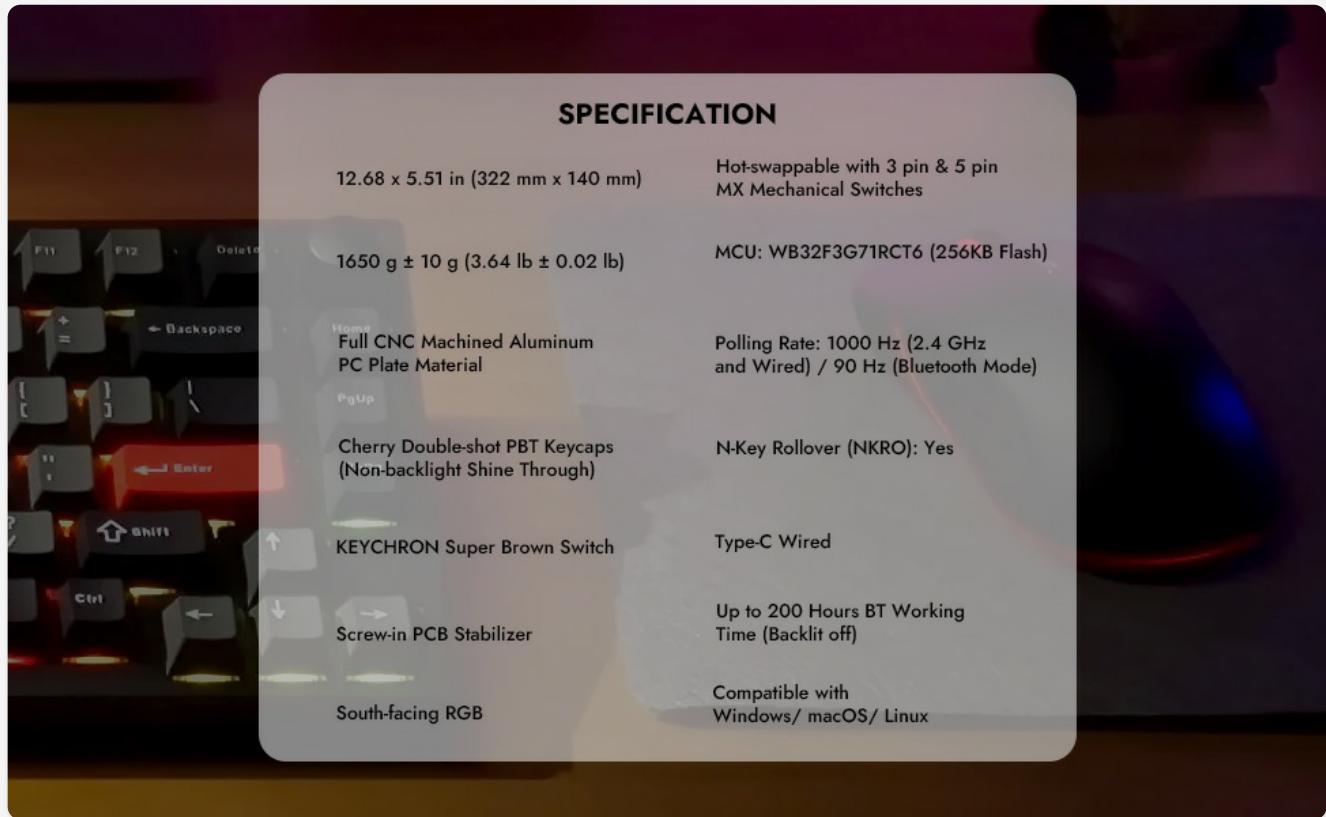


Figure 9: Visual representation of the keyboard's technical specifications.

## 8. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official LEMOKEY website or contact their customer service. Protection plans may be available for purchase separately.

 <b>P1 Mechanical Keyboard</b>	<p><a href="#"><b>Lemokey P1 Mechanical Keyboard User Manual and Quick Start Guide</b></a></p> <p>A comprehensive guide to the Lemokey P1 Mechanical Keyboard, covering its features, assembly options (Fully Assembled and Barebone), software usage, customization, specifications, and troubleshooting.</p>
 <b>X4 Mechanical Keyboard</b>	<p><a href="#"><b>Lemokey X4 Mechanical Keyboard: User Manual and Guide</b></a></p> <p>Comprehensive guide for the Lemokey X4 Mechanical Keyboard, covering setup, features, key descriptions, troubleshooting, and specifications. Learn about VIA key remapping, backlight controls, and more.</p>
 <b>L1 Mechanical Keyboard</b>	<p><a href="#"><b>Lemokey L1 Mechanical Keyboard User Manual - Setup, Features, and Troubleshooting</b></a></p> <p>Comprehensive user manual for the Lemokey L1 mechanical keyboard. Learn how to connect via 2.4GHz wireless, Bluetooth, or wired USB-C. Discover key remapping with VIA software, backlight controls, key rollover settings, and factory reset procedures.</p>
 <b>X0 Mechanical Keypad</b>	<p><a href="#"><b>Lemokey X0 Mechanical Keypad: User Manual and Quick Start Guide</b></a></p> <p>Comprehensive guide for the Lemokey X0 Mechanical Keypad, covering setup, VIA software, backlight customization, key combinations, factory reset, specifications, and safety information.</p>
 <b>X5 Mechanical Keyboard</b>	<p><a href="#"><b>Lemokey X5 Mechanical Keyboard Quick Start Guide and Specifications</b></a></p> <p>This document provides a quick start guide, specifications, key descriptions, and troubleshooting information for the Lemokey X5 Mechanical Keyboard.</p>
 <b>Quick Start Guide</b>	<p><a href="#"><b>Lemokey L0 HE Quick Start Guide - Setup and Features</b></a></p> <p>Get started quickly with the Lemokey L0 HE keyboard. This guide covers setup, using the Lemokey Launcher App, switching to Mac mode, understanding key rollover, and performing factory resets and firmware updates.</p>