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CORBOBO K108 Pro

CORBOBO LINGBAO K108 Pro Wireless Mechanical Keyboard User Manual

Model: K108 Pro

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INTRODUCTION

Welcome to the user manual for your CORBOBO LINGBAO K108 Pro Wireless Mechanical Keyboard. This guide provides detailed instructions to help you set up, operate, and maintain your new keyboard, ensuring optimal performance and an enhanced typing experience.

LINGBAO K108 PRO

Wireless mechanical keyboard



Multi-device connectivity



Gasket structure



Tri-mode connection



16.8million RGB color



10000mAh battery



PBT keycaps



Hot swappable



Software driver

Figure 1: LINGBAO K108 Pro Wireless Mechanical Keyboard, showcasing its full layout and RGB backlighting.

WHAT'S IN THE BOX

- Keyboard x 1
- User Manual x 1
- Keycap Puller x 1
- USB-C Cable x 1
- Two extra switches x 1

SETUP

1. Powering On/Off

Locate the power switch on the back of the keyboard. Slide the switch to the 'ON' position to power on the device. To power off, slide the switch to the 'OFF' position.

2. Connectivity Modes

The LINGBAO K108 Pro supports three connection modes: 2.4G Wireless, Bluetooth (BT), and Wired (USB-C). You can easily switch between these modes using the multi-functional knob or dedicated keys.

- **2.4G Wireless Mode:** Insert the 2.4G USB receiver into your device's USB port. Select 2.4G mode using the keyboard's knob or shortcut.
- **Bluetooth Mode:** Activate Bluetooth on your device. Select one of the three Bluetooth channels (BT1, BT2, BT3) on the keyboard. Search for "LINGBAO K108 Pro" in your device's Bluetooth settings and pair. The keyboard can store up to 5 different devices.
- **Wired Mode:** Connect the keyboard to your device using the provided USB-C cable. The keyboard will automatically switch to wired mode.



Figure 2: Visual representation of the keyboard's tri-mode connection capabilities, supporting wireless 2.4GHz, wired USB-C, and Bluetooth 5.0.

3. Charging the Keyboard

The keyboard is equipped with a 10000mAh battery. To charge, connect the keyboard to your computer's USB port using the USB-C cable. Avoid using mobile phone fast chargers or chargers with excessive current/voltage to prevent damage.

10,000 mAh Large Capacity Battery

Solve your battery anxiety

10000 mAh



53
Hours

RGB on state

ON

114
Hours

RGB off status

OFF

Figure 3: The keyboard's large 10000mAh battery, providing extended usage time.

4. Driver Installation

For full customization options, including screen time calibration, GIF animation uploads, and macro programming, install the dedicated driver. The driver can be downloaded from: bit.ly/m/corbobo. Note that the driver is only compatible with Windows operating systems and requires a wired connection for setup.

Your browser does not support the video tag.

Video 1: Demonstrates the method for uploading custom animations to the K108 Pro's smart screen via the driver software.

OPERATING INSTRUCTIONS

1. Smart Screen & Multi-functional Knob

The 1.14-inch smart display shows essential information such as date, time, connection mode, and battery level. The multi-functional knob allows you to navigate and adjust various settings:

- **Rotate Knob:** Adjust keyboard lighting effects, language, and computer volume.
- **Press Knob:** Confirm selections or return to the previous menu.

- **FN + Knob:** Switch between multimedia control (volume) and screen control modes.

With the driver installed, you can upload custom GIF animations to personalize the screen display.



Figure 4: Close-up of the smart display screen and multi-functional knob, illustrating various configuration options like volume, language, brightness, speed, RGB mode, and system switching.

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Video 2: Demonstrates the functionality of the K108 Pro's multi-function knob for adjusting settings and controlling media.

2. RGB Backlight Control

The keyboard features 16.8 million RGB colors. You can customize lighting effects, brightness, and speed using the knob or dedicated shortcut keys:

- **FN + \|:** Toggle light effect.
- **FN + Tab:** Switch colors.
- **FN + ↑/↓:** Adjust brightness.
- **FN + ←/→:** Adjust speed.

A unique music rhythm lighting effect mode is also available.

16.8 Million RGB Backlight

Easily adjust the backlight using shortcuts or software driver



Toggle light effect

Switching colors

Brightness +/-

Speed +/-

Shortcut key settings for side light strips



Toggle light effect

Toggle brightness

Toggle color

Switching speed

Figure 5: The keyboard displaying its 16.8 million RGB backlight, with shortcut key settings for various lighting adjustments.

3. Key Customization & Macro Programming

The programmable driver allows for full-key macro command programming, enhancing work efficiency or game performance. This feature is accessible only via a wired connection within the driver software.

Multi-Functional Software Driver

Easily customize all keys and lighting effects

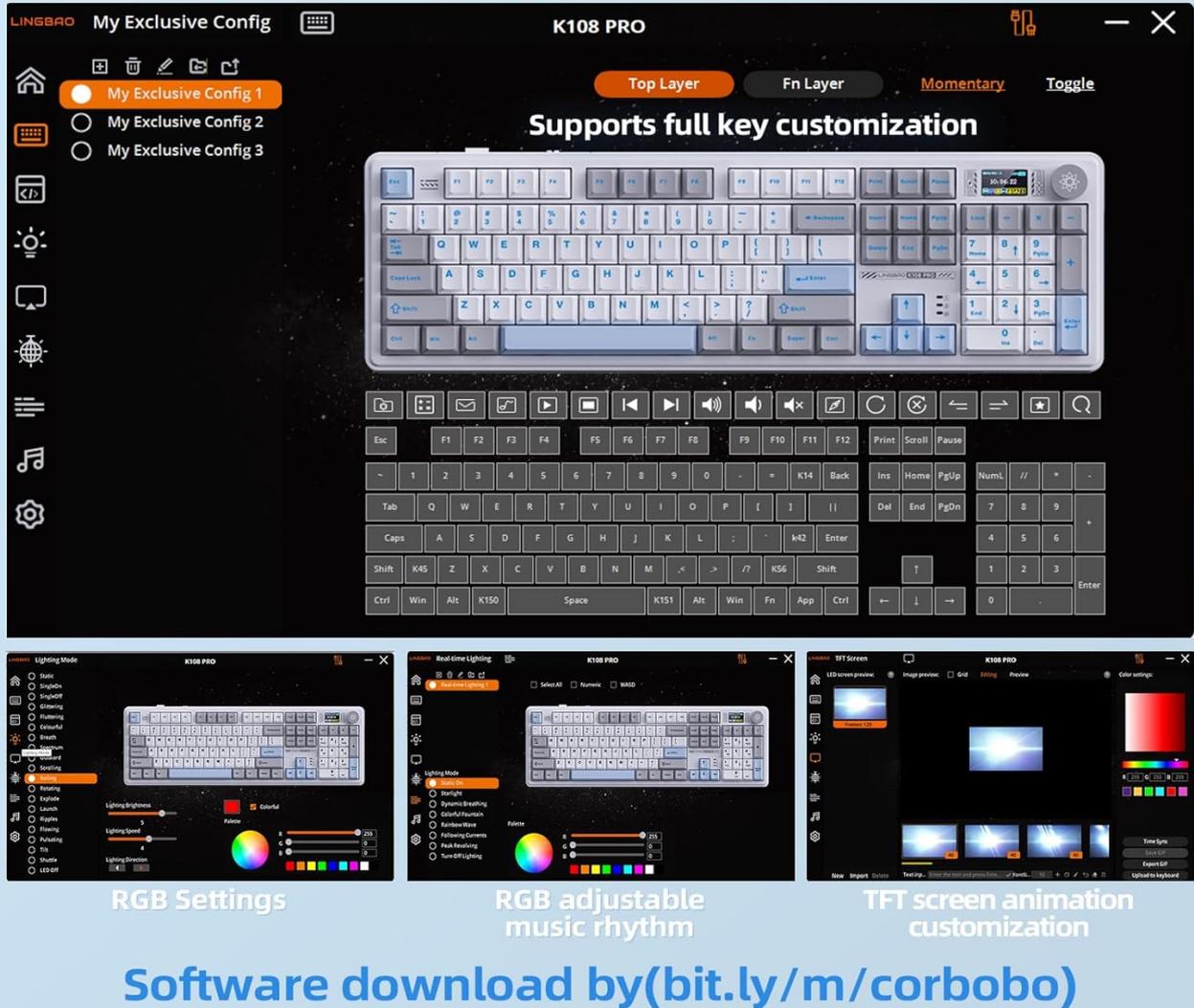


Figure 6: The multi-functional software driver interface for the K108 Pro, showing options for full key customization, RGB settings, music rhythm, and TFT screen animation customization.

KEY FEATURES

1. Hot-Swappable Sockets & Linear Mechanical Switches

The keyboard features a hot-swappable base, supporting both 3-pin and 5-pin switches. This allows users to easily replace mechanical switches for a customized typing experience. Pre-lubricated linear switches provide a smooth, creamy typing feel, preventing accidental presses and offering comfort for both office work and gaming.

Hot Swappable

Support 3/5-pin switches



South-facing LED



Flower Field Switch



Total key stroke: $3.8\pm 0.3\text{mm}$
Conduction pressure: $33\pm 3\text{gf}$
Bottom pressure: $45\pm 3\text{gf}$
Conduction stroke: $1.5\pm 0.3\text{mm}$
Mechanical life: **ablot 60,000,000 times**



PBT keycaps

Figure 7: Detail of the hot-swappable sockets and linear mechanical switches, highlighting the ease of customization.

2. Five-Layer Gasket Structure & PBT Keycaps

The LINGBAO K108 incorporates a single-key slot PCB design and a five-layer gasket structure. This design reduces noise and delivers a more satisfying, "HIFI creamy-like" typing sound with a soft tactile feel. The keyboard is equipped with durable two-color injection-molded PBT keycaps, ensuring wear resistance and preventing character fade over time.

Gasket Structure

More creamy sound and more comfortable feel

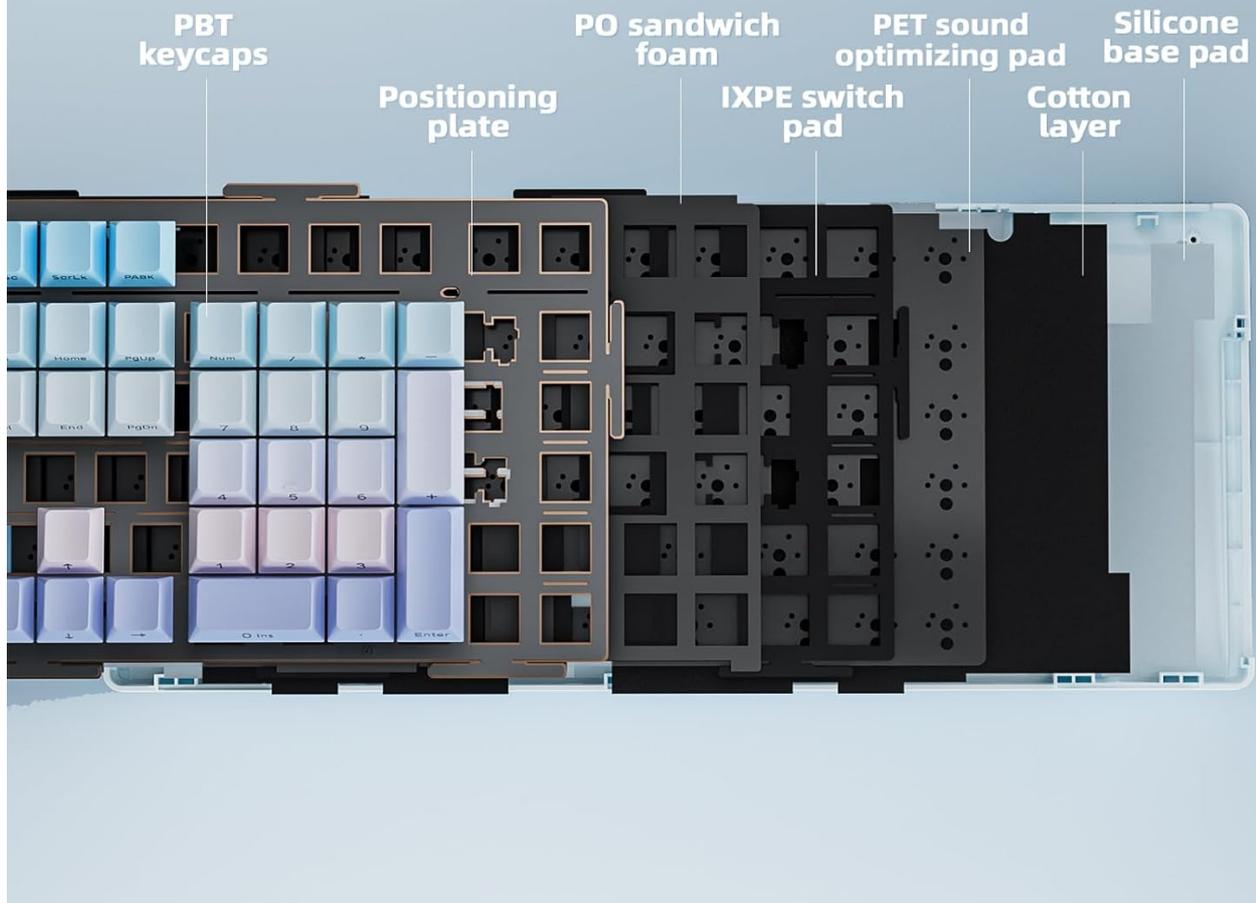


Figure 8: Exploded view illustrating the five-layer gasket structure, including PBT keycaps, positioning plate, foam layers, and silicone base pad, contributing to a comfortable typing experience.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to wipe the keyboard surface. For keycaps, a damp cloth with mild soap can be used. Ensure no liquid enters the keyboard.
- **Keycap/Switch Replacement:** Use the provided keycap/switch puller for safe removal and installation. Apply gentle, even pressure to avoid damaging components.
- **Storage:** Store the keyboard in a cool, dry place away from direct sunlight and extreme temperatures.

TROUBLESHOOTING

- **Keyboard not responding:**
 - Ensure the keyboard is powered on.
 - Check the connection mode (2.4G, BT, Wired) and ensure it matches your device's connection.
 - For wireless modes, ensure the battery is charged.

- Try connecting via USB-C cable to rule out wireless issues.
- **Bluetooth connection issues:**
 - Ensure Bluetooth is enabled on your device.
 - Forget the device in your Bluetooth settings and re-pair.
 - Try a different Bluetooth channel (BT1, BT2, BT3).
- **Smart screen not displaying correctly:**
 - Ensure the driver is installed and updated.
 - Connect the keyboard in wired mode and check driver settings for screen calibration.
- **RGB lighting not working:**
 - Check lighting settings via the knob or shortcut keys.
 - Ensure the keyboard is not in a low power state.

SPECIFICATIONS

Feature	Detail
Product Dimensions	19.09 x 7.45 x 2.36 inches (48.5 x 18.9 x 6 cm)
Item Weight	3.79 pounds (1.72 kg)
Brand	CORBOBO
Model Number	K108 Pro
Connectivity Technology	2.4GHz Wireless, Bluetooth (BT), USB-C Wired
Keyboard Description	Mechanical, Hot-swappable (3-pin/5-pin)
Special Features	Backlit (RGB), Ergonomic, Smart Screen & Knob, Gasket Structure, PBT Keycaps
Battery	10000mAh (2 Nonstandard Battery batteries included)
Battery Life (RGB On)	Up to 53 hours
Battery Life (RGB Off)	Up to 114 hours
Compatible Devices	Gaming Console, Laptop, PC, Smartphone, Tablet

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official CORBOBO website or contact their customer service directly. The driver download link (bit.ly/m/corbobo) also serves as a resource for software updates and advanced customization.

