

Cmokifuly NOVICE84

Cmokifuly NOVICE84 75% Mechanical Keyboard Kit User Manual

Model: NOVICE84

1. INTRODUCTION

Thank you for choosing the Cmokifuly NOVICE84 75% Mechanical Keyboard Kit. This manual provides detailed instructions for assembling, operating, and maintaining your keyboard kit. Please read this manual thoroughly before use to ensure proper functionality and to maximize your experience with this customizable mechanical keyboard.

2. PRODUCT OVERVIEW

The NOVICE84 is a 75% layout mechanical keyboard kit designed for customization. It features a hot-swappable PCB, allowing for easy installation and removal of 3-pin or 5-pin mechanical switches without soldering. The keyboard supports three connection modes: wired (Type-C), 2.4G wireless, and Bluetooth, offering versatile connectivity options. It is powered by two AAA batteries for wireless operation and includes a noise-absorbing foam layer for an enhanced typing experience.

Key Features:

- **84-Key Layout:** Compact 75% layout with essential keys.
- **Tri-Mode Connectivity:** Wired (USB Type-C), 2.4G Wireless, and Bluetooth.
- **Hot-Swappable Sockets:** Compatible with most 3-pin and 5-pin mechanical switches.
- **White Backlight:** Available in wired (Type-C) mode only.
- **Noise-Absorbing Foam:** Integrated for improved acoustics.
- **Battery Powered:** Uses 2x AAA batteries (included) for wireless modes.
- **Customization Support:** Macro generator available for backlight and key function customization.

Note: This product is a keyboard kit and does not include MX switches or keycaps. These components must be purchased separately.

3. SETUP

3.1 Installing Switches

The NOVICE84 PCB features hot-swappable sockets, allowing for easy installation of mechanical switches. Ensure your switches are compatible (3-pin or 5-pin).

1. Align the pins of the mechanical switch with the holes on the PCB.
2. Gently push the switch straight down until it clicks into place. Ensure the pins are not bent.
3. Repeat for all desired keys.



Image: Keyboard PCB with hot-swappable sockets ready for switch installation.



Image: Detailed view of a hot-swappable switch socket and stabilizer.

3.2 Installing Keycaps

Once switches are installed, place your chosen keycaps onto the switches. Ensure each keycap is firmly seated.

3.3 Battery Installation

For wireless operation, the keyboard requires two AAA batteries. The battery compartment is located on the underside of the keyboard.

1. Locate the battery compartment cover on the back of the keyboard.
2. Gently slide or lift the cover to open the compartment.
3. Insert two AAA batteries, ensuring correct polarity (+/-).
4. Close the battery compartment cover securely.



Image: Battery compartment and 2.4G USB dongle storage.

3.4 Connecting the Keyboard

The NOVICE84 supports three connection modes:

3.4.1 Wired Mode (USB Type-C)

- Connect the provided USB Type-C cable to the keyboard's port and the other end to your computer.
- The keyboard will automatically switch to wired mode. White backlight is active in this mode.

3.4.2 2.4G Wireless Mode

- Locate the 2.4G USB dongle, usually stored in the battery compartment.
- Plug the USB dongle into an available USB port on your computer.
- Switch the keyboard to 2.4G mode using the designated switch (refer to keyboard layout for exact location).
- The keyboard should connect automatically.

3.4.3 Bluetooth Mode

- Switch the keyboard to Bluetooth mode using the designated switch.
- On your computer or device, enable Bluetooth and search for new devices.
- Select "NOVICE84" (or similar name) from the list of available devices to pair.
- Follow any on-screen prompts to complete the pairing process.

4. OPERATING INSTRUCTIONS

4.1 Switching Connection Modes

Use the physical switch on the keyboard (typically on the side or back) to toggle between Wired (Type-C), 2.4G, and Bluetooth modes. Ensure the correct mode is selected for your desired connection type.

4.2 Backlight Control

The NOVICE84 features a white backlight. Please note that the backlight function is only available when the keyboard is connected in **Wired (Type-C) mode**. In 2.4G wireless and Bluetooth modes, the backlight will not activate to conserve battery power.

Specific key combinations for backlight brightness and mode adjustments (e.g., Fn + Arrow keys, Fn + specific keys) can be found in the customization software or by contacting support.

4.3 Customizing Key Functions and Backlight

The keyboard kit supports a macro generator software for advanced customization. This software allows you to:

- Customize the function of each key.
- Adjust backlight speed, brightness, and mode (when in wired mode).

To obtain the keyboard driver and software, please contact the manufacturer or seller after receiving your keyboard.

5. MAINTENANCE

5.1 Cleaning the Keyboard

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

5.2 Replacing Batteries

When the keyboard's wireless performance degrades or it stops responding, it may be time to replace the AAA batteries. Follow the steps in Section 3.3 for battery installation.

5.3 Replacing Switches

Thanks to the hot-swappable design, individual switches can be replaced without soldering. Use a switch puller tool (not included) to carefully remove the old switch, then insert a new compatible switch as described in Section 3.1.

6. TROUBLESHOOTING

- **Keyboard not responding in wireless mode:**
 - Check if the batteries are correctly installed and have sufficient charge. Replace if necessary.
 - Ensure the keyboard is switched to the correct wireless mode (2.4G or Bluetooth).
 - For 2.4G, ensure the USB dongle is securely plugged into your computer.
 - For Bluetooth, ensure the keyboard is paired with your device and Bluetooth is enabled on your device. Try re-pairing if issues persist.
- **Backlight not working:**
 - The white backlight only functions in Wired (Type-C) mode. Ensure the keyboard is connected via USB-C cable.
 - Check backlight brightness settings using the customization software or designated key combinations.
- **Keys not registering:**
 - Ensure the switches are fully seated in their sockets. Gently press down on the affected switch.
 - If a specific switch is faulty, it can be replaced due to the hot-swappable design.
- **Customization software issues:**
 - Ensure you have the correct and latest version of the software for your keyboard model.
 - Contact customer support for assistance with software-related problems.

7. SPECIFICATIONS

Brand	Cmokifuly
Model	NOVICE84
Keys Number	84
Connectivity	USB Type-C (Wired), 2.4G Wireless, Bluetooth
Switch Sockets	5-pin Hot-swappable
Backlight	White (Wired mode only)
Power Supply	2 x AAA Batteries
Material	Polybutylene Terephthalate (PBT)
Dimensions (approx.)	36.4 x 16.61 x 6.2 cm
Weight (approx.)	898 g

8. WARRANTY AND SUPPORT

For warranty information, technical support, or to request the keyboard customization software/driver, please contact the seller or manufacturer directly. Please provide your product model (NOVICE84) and purchase details when seeking support.