YUNZII B68

YUNZII B68 Wireless Mechanical Keyboard User Manual

Model: B68

INTRODUCTION

The YUNZII B68 is a versatile 65% compact mechanical keyboard designed for enhanced productivity and gaming. It features tri-mode connectivity, hot-swappable switches, gasket mount design for a comfortable typing experience, and customizable RGB backlighting. This manual provides detailed instructions for setting up, operating, and maintaining your keyboard.

Figure 1: YUNZII B68 Wireless Mechanical Keyboard (Black, Milk V2 Switch)

PACKAGE CONTENTS

- YUNZII B68 Wireless Mechanical Keyboard
- USB-C to USB-A Cable
- 2.4G Wireless Receiver (USB Dongle)

- Keycap/Switch Puller Tool
- Additional Gradient Rainbow Keycaps
- User Manual

PRODUCT FEATURES

Tri-Mode Connectivity

The B68 keyboard offers three connection options: Bluetooth 5.0, 2.4GHz wireless, and wired USB-C. It is compatible with Windows, MacOS, iOS, and Android devices, allowing connection to up to five devices simultaneously.

Figure 2: Tri-Mode Connectivity Options

5000 mAh Battery

Equipped with a large 5000mAh battery, the keyboard ensures extended use for productivity and gaming on the go.

Figure 3: 5000mAh Battery for Extended Use

Hot-Swappable Switches

The B68 features full-key hot-swappable sockets compatible with 3-pin and 5-pin switches. It comes pre-installed with pre-lubricated linear switches (Milk V2 Switch) for a smooth typing experience. The hot-swappable design allows for easy switch replacement without soldering.
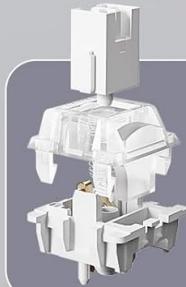
Figure 4: Hot-Swappable Switch Sockets

Gasket Mount Design

Experience quieter and smoother typing with the precision gasket mount structure, featuring five layers of sound-absorbing padding (PE sandwich foam, IXPE switch pad, PET sound foam, switch foam, and a silicone button pad) to reduce noise and vibration.

Figure 5: Gasket Mount Design with Five-Layer Padding

RGB Backlighting & PBT Keycaps

The keyboard features colorful RGB backlighting with south-facing LEDs. It includes durable double-shot PBT keycaps and additional gradient rainbow keycaps for personalization. RGB settings can be customized via software.

Figure 6: Double-Shot PBT Keycaps and RGB Backlighting

65% Compact Layout with Multifunction Knob

The 65% compact layout maximizes desk space while retaining essential keys. A versatile multifunction knob allows effortless switching between multimedia and RGB modes, and adjusts volume and RGB brightness.

Figure 7: Multifunction Knob Controls

Setup

Wired Connection

1. Locate the USB-C port on the keyboard and the USB-A port on your computer.
2. Connect the provided USB-C to USB-A cable between the keyboard and your computer.
3. Ensure the mode switch on the keyboard is set to 'Line' or 'USB' mode.
4. The keyboard is now ready for use.

2.4GHz Wireless Connection

1. Locate the 2.4G wireless receiver (USB dongle) in the packaging.
2. Plug the 2.4G wireless receiver into an available USB port on your computer.
3. Set the mode switch on the keyboard to '2.4G' mode.
4. The keyboard should automatically connect. If not, press **Fn + R** to enter pairing mode. The R key will flash blue, indicating pairing.
5. Once connected, the R key will return to normal backlight mode.

Bluetooth Connection

1. Set the mode switch on the keyboard to 'BT' mode.
2. Press and hold **Fn + Q/W/E** to enter Bluetooth pairing mode. The Q, W, or E key will flash in cyan/pink/yellow, indicating pairing for device 1, 2, or 3 respectively.
3. On your device (computer, tablet, phone), go to Bluetooth settings and search for 'B68 3.0/5.0'.
4. Select the keyboard to connect. Once connected, the corresponding Q/W/E key will return to normal backlight mode.
5. To switch between paired Bluetooth devices, press **Fn + Q**, **Fn + W**, or **Fn + E**.

OPERATING INSTRUCTIONS

Multifunction Knob

- **Default (Multimedia) Mode:** Rotate the knob to adjust volume (up/down). Short press the knob to mute/unmute audio.
- **RGB Mode:** Long press the knob to switch to RGB mode. Rotate the knob to increase/decrease RGB brightness. Short press the knob to change RGB effects.

RGB Backlighting Control

- **Fn + Backspace:** Backlight Effect ON/OFF
- **Fn + |:** Change Backlight Effect (15 default modes)
- **Fn + Enter:** Change Backlight Color (8 colors)
- **Fn + Tab:** White Light ON/OFF
- **Fn + ↑ / ↓:** Brightness Up/Down
- **Fn + ← / →:** Blinking Speed Up/Down

FN Key Shortcuts (Windows)

- **Fn + Caps Lock:** Reset Keyboard
- **Fn + Win:** Lock/Unlock Windows Key
- **Fn + F1:** Screen Brightness Down
- **Fn + F2:** Screen Brightness Up
- **Fn + F3:** Calculator
- **Fn + F4:** Computer
- **Fn + F5:** Player
- **Fn + F6:** Previous Song
- **Fn + F7:** Next Song
- **Fn + F8:** Play/Pause
- **Fn + F9:** Stop
- **Fn + F10:** Mute
- **Fn + F11:** Volume Down
- **Fn + F12:** Volume Up

Programmable Software

The YUNZII B68 supports programmable software for Windows systems only. This software allows for advanced customization of key settings, RGB lighting, and macro functions.

Figure 8: Programmable Software Interface

Video 1: YUNZII B68 Wireless Mechanical Keyboard Features Overview

Video 2: YUNZII B68 Wireless Mechanical Keyboard Typing Sound Demo

MAINTENANCE

- **Cleaning Keycaps:** Use the provided keycap puller to carefully remove keycaps. Clean them with a soft, damp cloth and mild soap if necessary. Ensure they are completely dry before reattaching.
- **Cleaning Keyboard Body:** Wipe the keyboard body with a soft, dry, or slightly damp cloth. Avoid using harsh chemicals or abrasive materials.
- **Switch Maintenance:** If replacing switches, use the switch puller tool to gently remove and insert switches. Avoid excessive force to prevent damage to the PCB.
- **Battery Care:** To prolong battery life, avoid fully discharging the keyboard frequently. Charge the keyboard using a 5V USB port.

TROUBLESHOOTING

- **Keyboard not connecting:** Ensure the mode switch (BT, 2.4G, USB) is set correctly. For wireless

modes, ensure the receiver is properly plugged in or Bluetooth is enabled and paired. Try resetting the keyboard (**Fn + Caps Lock**).

- **RGB lights not working/customizing:** Check if RGB is turned on (**Fn + Backspace**). Ensure the multifunction knob is in RGB mode for brightness/effect changes. Use the programmable software for advanced customization.
- **Keys not responding:** Check if the Windows key is locked (**Fn + Win**). If switches are hot-swappable, ensure they are seated correctly. Try resetting the keyboard.
- **Battery drain:** Adjust the sleep time settings via the programmable software to conserve battery. Reduce RGB brightness or turn off backlighting when not needed.

SPECIFICATIONS

Model	B68
Layout	65% Compact (68 keys + 1 knob)
Connectivity	Bluetooth 5.0, 2.4GHz Wireless, USB-C Wired
Battery Capacity	5000 mAh
Switches	Hot-swappable (3-pin/5-pin), Milk V2 Linear Switches (pre-lubricated)
Keycaps	Double-shot PBT
Backlighting	RGB, South-facing LEDs
Compatibility	Windows, MacOS, iOS, Android
Product Dimensions	12.83 x 12.83 x 1.26 inches
Item Weight	2.38 pounds

WARRANTY AND SUPPORT

YUNZII products typically come with a standard manufacturer's warranty. Please refer to the warranty information provided in your product packaging or visit the official YUNZII website for detailed terms and conditions. For technical support or inquiries, please contact YUNZII customer service.

Related Documents - B68

IF99 Wireless Mechanical Keyboard	**YUNZII IF99 Wireless Mechanical Keyboard User Manual** Comprehensive user manual for the YUNZII IF99 Wireless Mechanical Keyboard, covering specifications, connection methods (Bluetooth, 2.4G, Type-C), shortcuts, customization options for the keyboard and OLED screen, battery information, power saving modes, and warranty details.
QUICK START GUIDE	**YUNZII IF98 Mechanical Keyboard Quick Start Guide** A quick start guide for the YUNZII IF98 mechanical keyboard, covering basic functions, RGB settings, keyboard settings, and package contents. Includes information in English, Chinese, and Japanese.
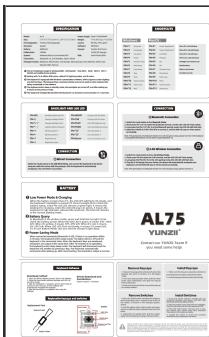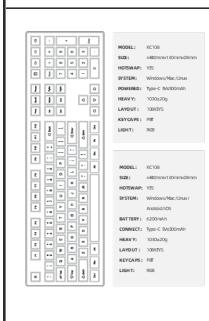
	YUNZII AL75 Wireless Mechanical Keyboard User Manual and Specifications Explore the YUNZII AL75 wireless mechanical keyboard. This guide details its specifications, connectivity options (Bluetooth, 2.4G, Wired), battery, software customization, and maintenance for keycaps and switches.
	YUNZII AL71 Tri-Mode Wireless CNC Aluminum Mechanical Keyboard User Guide Comprehensive guide for the YUNZII AL71 mechanical keyboard, covering setup, connectivity (Bluetooth, 2.4G, Wired Type-C), key functions, RGB lighting customization, troubleshooting, and FAQs.
	YUNZII AL75 Mechanical Keyboard User Manual and Specifications Comprehensive user manual and technical specifications for the YUNZII AL75 mechanical keyboard, covering setup, features, shortcuts, connectivity, and software.
	YUNZII KC108 Keyboard User Manual and Features Comprehensive guide to the YUNZII KC108 keyboard, covering specifications, connectivity, RGB settings, keycap and switch replacement, and driver installation.