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## 8Bitdo 108 Keys Retro Mechanical Keyboard

# 8Bitdo 108 Keys Retro Mechanical Keyboard

## USER MANUAL - N EDITION

### Introduction

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Thank you for choosing the 8Bitdo 108 Keys Retro Mechanical Keyboard. This keyboard combines classic aesthetics with modern functionality, offering versatile connectivity and customizable features for both Windows and Android users. This manual will guide you through the setup, operation, and maintenance of your new keyboard.



The 8Bitdo 108 Keys Retro Mechanical Keyboard in N Edition color scheme, shown with its accompanying Dual Super Buttons.

## Package Contents

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Please ensure all items are present in your package:

- 8Bitdo 108 Keys Retro Mechanical Keyboard (N Edition)
- Dual Super Buttons (1 set)
- USB-C Cable
- User Manual

## Setup

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### 1. Powering On and Charging

The keyboard is equipped with a 2000mAh Li-on rechargeable battery. Before first use, it is recommended to fully charge the keyboard using the provided USB-C cable. Connect the USB-C cable to the keyboard's port and the other end to a USB power source. The power status LED will indicate charging status.

## 2. Connectivity Options

The keyboard supports three connection modes: Bluetooth, 2.4G Wireless, and USB-C Wired. Use the independent control panel to select your desired mode.



A close-up of the independent control panel featuring connection mode switches (Bluetooth, 2.4G, wired), volume knob, and other dedicated buttons.

- **Bluetooth Mode:** Switch the mode selector to 'BT'. The keyboard will enter pairing mode. Search for '8Bitdo Retro Keyboard' on your Windows (10(1903) or above) or Android (9.0 or above) device and connect.
- **2.4G Wireless Mode:** Switch the mode selector to '2.4G'. Insert the 2.4G wireless dongle (usually stored in the keyboard's compartment) into your device's USB port. The keyboard should connect automatically.
- **USB-C Wired Mode:** Switch the mode selector to 'OFF' or 'USB'. Connect the keyboard directly to your device using the USB-C cable.

## 3. Connecting Dual Super Buttons

The Dual Super Buttons connect to the keyboard via 3.5mm jacks located on the side. Up to 4 sets can be connected. Simply plug the cable from the Super Buttons into the corresponding ports on the keyboard.



A close-up of the keyboard's side panel, showing a 3.5mm jack being inserted, indicating the connection point for the Dual Super Buttons.

## Operating Instructions

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### 1. Basic Keyboard Functions

The 8Bitdo Retro Mechanical Keyboard features a full 108-key layout, including a dedicated numpad and function keys. It supports n-key rollover for accurate input during fast typing or gaming.



A close-up of the keyboard's right side, emphasizing the integrated numpad and dedicated function keys for enhanced productivity and gaming.

### 2. Numpad & Key Shortcuts

Enhance your productivity with dedicated Windows shortcuts, a Calculator key, Function Lock, and Screen Lock

functions integrated into the numpad area.

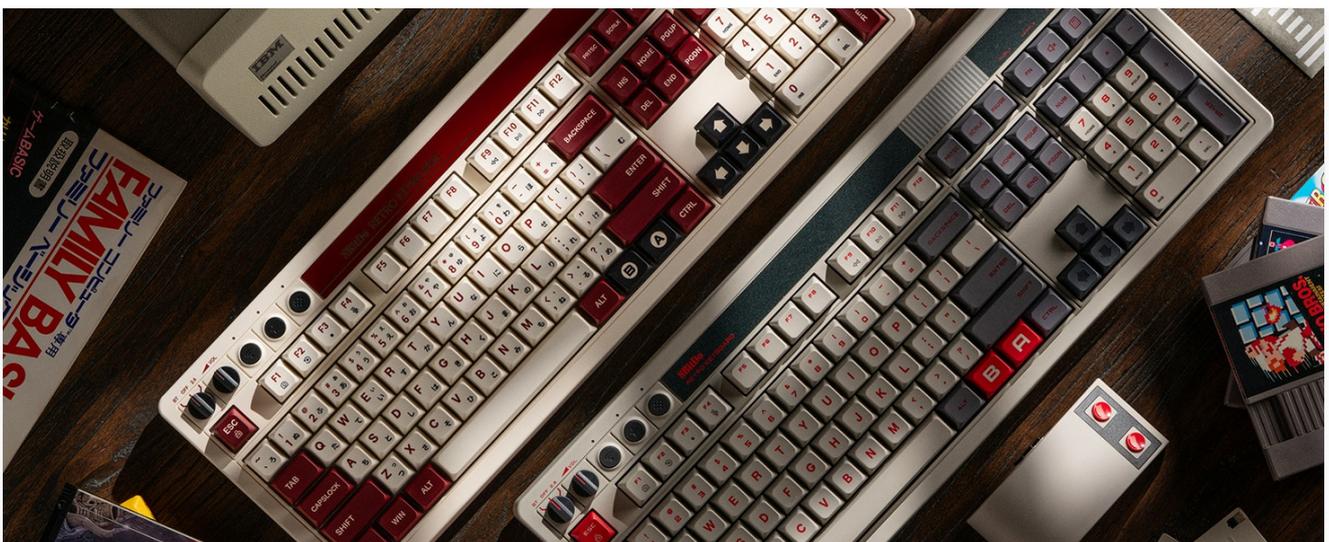


## Numpad and Function Key Shortcuts

A detailed view of the integrated Numpad and dedicated function keys, including Windows shortcuts, Calculator, Function Lock, and Screen Lock.

### 3. Independent Control Panel

The independent control panel provides quick access to essential functions. Easily switch between connection modes (Bluetooth, 2.4G, Wired) and adjust volume with a dedicated knob. This panel simplifies operations without complex key combinations.



A detailed view of the keyboard's independent control panel, designed for effortless operations like connection switching and volume adjustment.

### 4. Dual Super Buttons

The included Dual Super Buttons offer large, programmable keys. These can be mapped instantly without software

for quick actions or macros. Connect up to 4 sets for expanded control.



A user's hands pressing the large, programmable Dual Super Buttons, demonstrating their use alongside the keyboard.

## 5. Ultimate Software V2 (PC)

For advanced customization, download the 8Bitdo Ultimate Software V2 for PC. This software allows you to effortlessly configure programmable keys, switch key mappings on the fly, and create powerful macro functions for a personalized experience.



Screenshots of the 8Bitdo Ultimate Software V2, demonstrating how to configure programmable keys and create macros for personalized performance.

## Maintenance

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### 1. Cleaning

To clean your keyboard, power it off and disconnect it from any devices. Use a soft, dry cloth to wipe the surface. For deeper cleaning, a can of compressed air can remove debris from between keycaps. Avoid using harsh chemicals or abrasive materials.

### 2. Hot-Swappable Switches

The keyboard features a hot-swappable PCB, allowing you to change switches without soldering. Use the included keycap puller and switch puller to carefully remove keycaps and switches. Ensure replacement switches are compatible (Kailh Box White Switches V2 are standard).



A keycap removed from the keyboard, revealing the hot-swappable switch underneath, illustrating the ease of customization.

### 3. Battery Information

The keyboard uses a 2000mAh Li-ion battery, providing approximately 200 hours of use on a 4-hour charge. To prolong battery life, turn off the keyboard when not in use. Avoid exposing the battery to extreme temperatures.

### Troubleshooting

- **Keyboard not connecting:** Ensure the correct mode (Bluetooth, 2.4G, or Wired) is selected on the control panel. For Bluetooth, ensure your device's Bluetooth is on and the keyboard is in pairing mode. For 2.4G, check the dongle connection. For wired, ensure the USB-C cable is securely connected.
- **Keys not responding:** Check if the keyboard is powered on and connected. If individual keys are not working, consider replacing the hot-swappable switch for that key.
- **Lag or input delay:** Ensure the keyboard is fully charged. For wireless connections, try moving closer to your device or switching to a wired connection to rule out interference.
- **Super Buttons not working:** Verify that the 3.5mm cables are fully inserted into the keyboard's ports. Check the mapping in the Ultimate Software V2 if custom functions are assigned.

### Specifications

Feature	Detail
Model	108 Keys Retro Mechanical Keyboard (N Edition)
Connectivity	Bluetooth, 2.4G Wireless, USB-C Wired
Compatibility	Windows 10 (1903) or above, Android 9.0 or above

Switches	Kailh Box White Switches V2 (Hot-swappable)
Keycaps	Dye-sublimation PBT keycaps with MDA-like height
Battery	2000mAh Li-on (rechargeable)
Battery Life	Approx. 200 use hours (4 hours charging time)
Dimensions	18.06 x 18.06 x 1.88 inches
Item Weight	5.04 pounds
Special Features	Dual Super Programmable Buttons, Independent Control Panel, N-key rollover, Top mount style, Magnetic foldable feet

## Warranty and Support

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For warranty information, technical support, or further assistance, please visit the official 8Bitdo website or contact their customer service. Keep your proof of purchase for warranty claims.

**Website:** [www.8bitdo.com](http://www.8bitdo.com)