

nuphy AIR60V2LGCBY

nuphy Air60 V2 Portable Wireless Mechanical Keyboard User Manual

Model: AIR60V2LGCBY

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1. INTRODUCTION

This manual provides instructions for the nuphy Air60 V2 Portable Wireless Mechanical Keyboard. The Air60 V2 is a compact 60% layout (64 keys) keyboard designed for versatility, supporting QMK/VIA customization and multiple operating systems including Windows, macOS, and Linux. It offers flexible connectivity options: Bluetooth 5.1, 2.4GHz wireless, and USB-C wired connection.



Image: Top-down view of the nuphy Air60 V2 Wireless Mechanical Keyboard.

2. PACKAGE CONTENTS

Verify that all items listed below are included in your nuphy Air60 V2 package:

- nuphy Air60 V2 Keyboard
- Keycap Puller
- USB Cable
- Other Accessories (as shown in the unboxing video)

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Video: Unboxing the nuphy Air60 V2 Wireless Mechanical Keyboard. This video demonstrates the contents of the package and the initial setup process.

3. PRODUCT OVERVIEW

3.1. Layout and Design

The Air60 V2 features a compact 60% layout with 64 keys, optimizing space while retaining essential functionality through function layer access. Its low-profile design makes it suitable for portable use and comfortable typing.

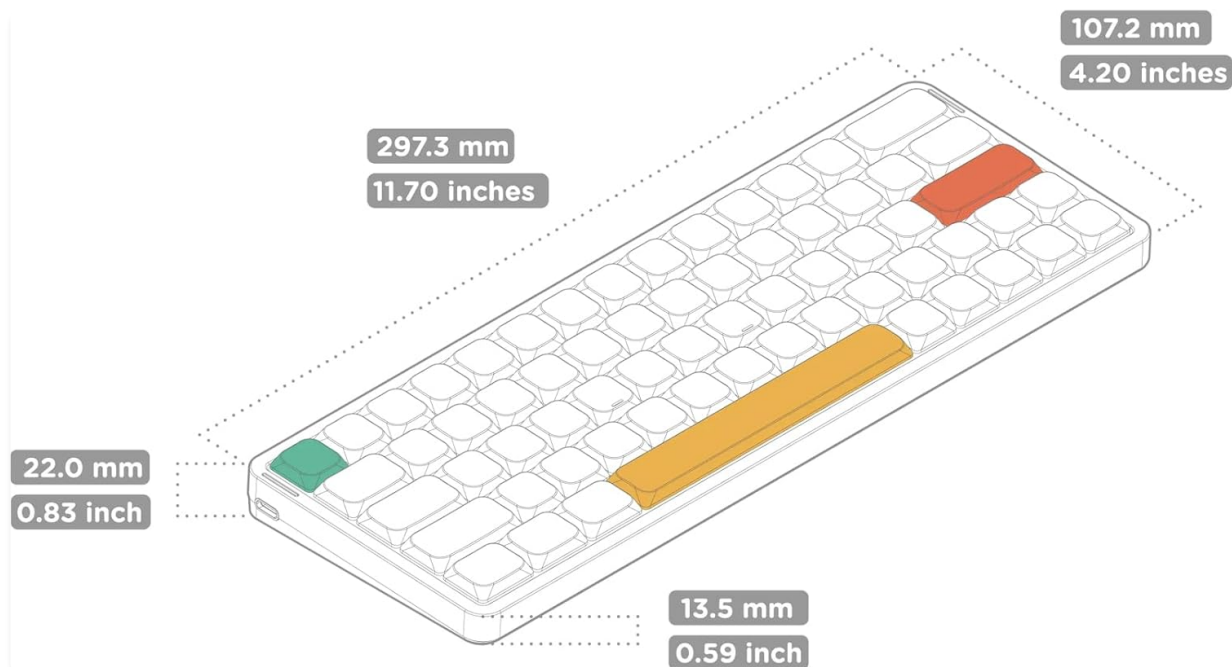


Image: Detailed dimensions of the nuphy Air60 V2 keyboard.

3.2. Connectivity Options

The keyboard supports three connection modes:

- **Bluetooth 5.1:** For wireless connection to up to four devices, allowing seamless switching.
- **2.4GHz Wireless:** Utilizes a dedicated USB receiver for low-latency wireless performance.
- **USB-C Wired:** For direct connection and charging.

3.3. Backlight and Sidelights

The Air60 V2 includes customizable RGB backlighting and two RGB light bars on the aluminum frame. The left sidelight indicates Caps Lock status and connection mode, while the right sidelight displays battery level and system mode. Lighting effects can be personalized.

3.4. Hot-Swappable Switches

The keyboard features hot-swappable mechanical switches, allowing users to easily change switch types without soldering to customize their typing experience.

Hot swappable

Mechanical switches can be replaced with different models

A different typing experience for you

(For specific switch models, please check the title and detailed description.)

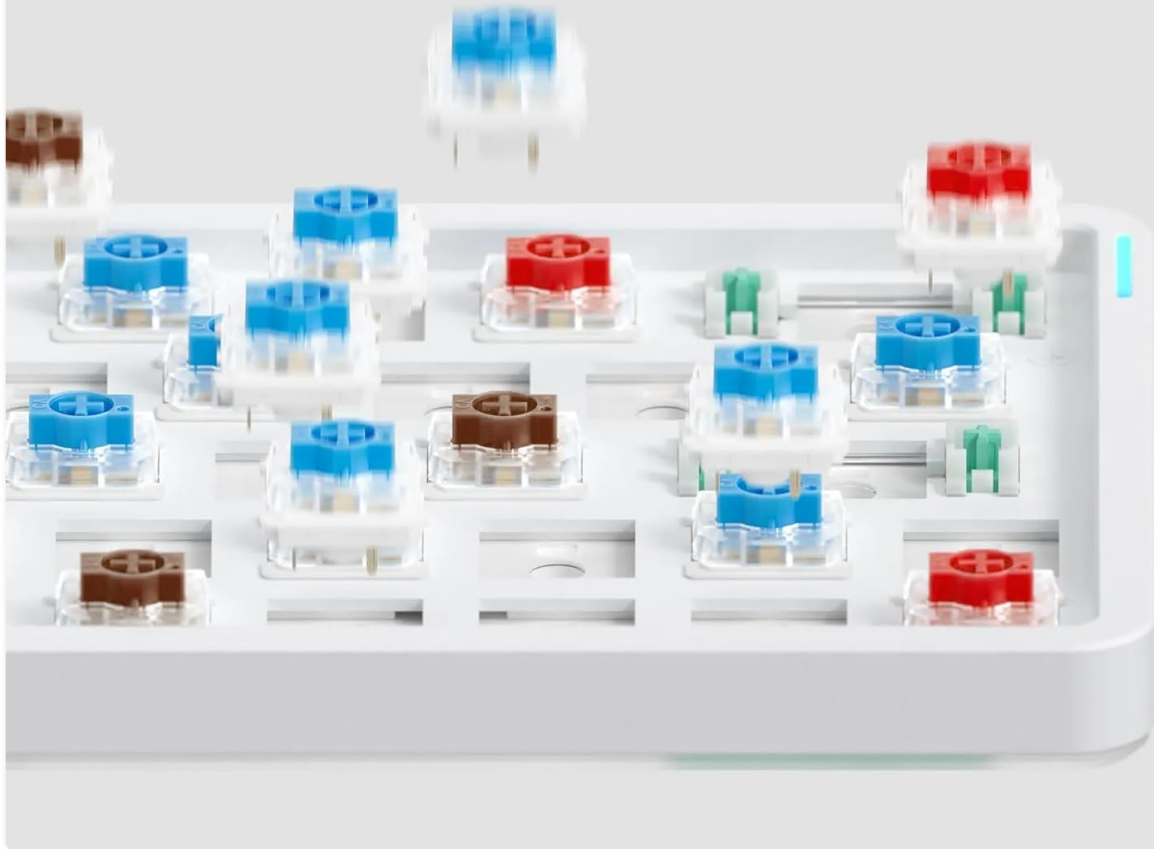


Image: Close-up view of the hot-swappable mechanical switches on the nuphy Air60 V2.

4. SETUP

4.1. System Selection

Locate the system switch on the side of the keyboard. Slide it to the appropriate position for your operating system (Windows/Android or macOS/iOS) to ensure correct key mapping.

4.2. Connecting the Keyboard

4.2.1. Wired Connection (USB-C)

1. Connect the provided USB-C cable to the keyboard's USB-C port.
2. Connect the other end of the cable to an available USB port on your computer.
3. The keyboard will automatically be recognized and begin charging.

4.2.2. 2.4GHz Wireless Connection

1. Locate the 2.4GHz USB receiver (often stored magnetically in the keyboard's base).
2. Plug the USB receiver into an available USB port on your computer.

3. Slide the connection mode switch on the keyboard to the 2.4GHz position.
4. The keyboard should connect automatically.

4.2.3. Bluetooth 5.1 Connection

1. Slide the connection mode switch on the keyboard to the Bluetooth position.
2. On your device (PC, laptop, tablet), open Bluetooth settings.
3. Press and hold the **FN + 1** (or **2, 3, 4**) key combination on the keyboard for 3-5 seconds until the corresponding sidelight flashes, indicating pairing mode.
4. Select "nuphy Air60 V2" from the list of available Bluetooth devices on your computer/tablet and follow any on-screen prompts to complete pairing.
5. To switch between paired Bluetooth devices, press **FN + 1/2/3/4**.

4.3. Charging the Battery

The Air60 V2 is equipped with a 2500mAh battery. Connect the keyboard via USB-C to charge. The right sidelight bar indicates the battery level. A full charge can provide 30-90 hours of use with lights on, or up to 150 hours with lights off (lab test results).

5. OPERATING INSTRUCTIONS

5.1. Key Functions and Layers

Due to its 60% compact layout, some functions are accessed via the **FN** key in combination with other keys. Refer to the keycap legends for secondary functions. For example, the F-row keys (F1-F12) are typically accessed by holding **FN** and pressing the corresponding number keys.

5.2. Backlight Control

The keyboard's RGB backlighting and sidelights can be adjusted. Use the dedicated backlight control keys (often marked with sun icons or similar) in combination with the **FN** key to cycle through lighting modes, adjust brightness, and change colors. The VIA client also allows for extensive customization of lighting effects.

5.3. QMK/VIA Customization

The Air60 V2 supports QMK/VIA, allowing for advanced customization of key assignments, macros, and lighting effects. Download the VIA client software compatible with your operating system from the official nuphy website. This software provides a graphical interface to remap keys and configure keyboard behavior.

Create your own keyboard with your own ideas

Compatible support for QMK/VIA



Image: nuphy Air60 V2 keyboard shown with the VIA customization software interface.

5.4. Typing Sound Demonstration (Gateron Cowberry Switch)

The following video demonstrates the typing sound profile of the nuphy Air60 V2 with Gateron Cowberry switches, providing an auditory example of the keyboard's performance.

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Video: Typing sound test of the nuphy Air60 V2 keyboard featuring Gateron Cowberry switches.

6. MAINTENANCE

6.1. Cleaning

To clean the keyboard, disconnect it from all power sources. Use a soft, lint-free cloth slightly dampened with water or a mild cleaning solution. Avoid spraying liquids directly onto the keyboard. For keycaps, a keycap puller can be used to remove them for deeper cleaning.

6.2. Switch Replacement

As the Air60 V2 features hot-swappable switches, individual switches can be replaced if they become faulty or if you wish to change the typing feel. Use the provided keycap puller to remove the keycap, then use a

switch puller (not included, but commonly available) to carefully extract the switch. Insert the new switch, ensuring the pins align correctly, and then reattach the keycap.

7. TROUBLESHOOTING

- **Keyboard not responding:** Ensure the keyboard is charged. Check the connection mode switch (wired, 2.4GHz, Bluetooth) is set correctly. For wired, try a different USB port or cable. For 2.4GHz, ensure the dongle is securely plugged in. For Bluetooth, re-pair the device.
- **Connectivity issues (2.4GHz/Bluetooth):** Ensure the keyboard is within range of the receiver/device. Minimize interference from other wireless devices. Update drivers for your computer's Bluetooth adapter if necessary.
- **Keys not registering:** Check if the keycap is properly seated. If the keyboard is hot-swappable, try removing and re-inserting the switch for the affected key.
- **Backlight not working:** Ensure the backlight is enabled and brightness is turned up using the FN key combinations. Check VIA software settings.
- **Battery draining quickly:** Reduce backlight brightness or turn off RGB effects. Ensure the keyboard is fully charged.







8. SPECIFICATIONS

Feature	Detail
Product Dimensions	11.7 x 4.22 x 0.53 inches
Item Weight	1.02 pounds
Model Number	AIR60V2LGCBY
Connectivity Technology	Bluetooth 5.1, USB-C, 2.4GHz
Compatible Devices	PC, Laptop, Tablet (Windows, macOS, Linux)
Battery Capacity	2500mAh
Working Time (lights on)	30-90 hours (lab test result)
Working Time (lights off)	Up to 150 hours (lab test result)
Polling Rate (Wireless)	1000Hz
Special Feature	Backlit RGB, Hot-swappable switches, QMK/VIA support

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official nuphy website or contact their customer service directly. Keep your proof of purchase for warranty claims.

Related Documents - AIR60V2LGCBY

	<p>NuPhy AIR60 Mechanical Keyboard Quick Guide</p> <p>A comprehensive quick guide for the NuPhy AIR60 Mechanical Keyboard, covering system selection, connection modes, backlight settings, sleep mode, function key switching, battery indication, and factory reset.</p>
	<p>NuPhy NOSZS Quick Guide: Setup, Settings, and VIA Configuration</p> <p>A comprehensive quick guide for the NuPhy NOSZS mechanical keyboard, covering system selection, backlight and sidelight settings, sleep mode, key combos, and VIA software configuration. Learn to customize your typing experience.</p>
	<p>NuPhy AIR60 V2 Keyboard Quick Guide</p> <p>A comprehensive quick start guide for the NuPhy AIR60 V2 mechanical keyboard, detailing system selection, connection modes (wired, Bluetooth, 2.4Ghz), status indicators, backlight and sidelight customization, sleep mode settings, factory reset, and VIA software configuration. Includes essential regulatory compliance information.</p>
	<p>NuPhy AIR60 Quick Guide: Operation and Features</p> <p>A concise guide to the NuPhy AIR60 keyboard, covering operation modes, RGB lighting, backlight settings, sleep mode, media shortcuts, other key functions, and factory reset procedures.</p>
	<p>NuPhy Node 100 Low-Profile Quick Guide</p> <p>Comprehensive quick start guide for the NuPhy Node 100 Low-Profile wireless mechanical keyboard. Learn about system selection, connection modes (Bluetooth, 2.4G, wired), indicator lights, backlight customization, sleep mode settings, shortcuts, and factory reset procedures.</p>
	<p>NuPhy KICK75 Installation Guide: Low & High Profile Assembly</p> <p>Detailed installation and assembly guide for the NuPhy KICK75 mechanical keyboard. Learn how to disassemble, install switches, set up stabilizers, and configure both low and high profile versions. Includes visual descriptions of diagrams and key layouts.</p>