

## nuphy Air75 V2

# nuphy Air75 V2 Low Profile Keyboard User Manual

Model: Air75 V2

## 1. INTRODUCTION

Thank you for choosing the nuphy Air75 V2 Low Profile Mechanical Keyboard. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your new keyboard. The Air75 V2 is a portable 75% mechanical keyboard designed for versatility, supporting Bluetooth, 2.4G wireless, and USB-C wired connectivity. It features RGB backlighting, hot-swappable switches, and durable PBT keycaps, compatible with Windows, macOS, and Linux systems.

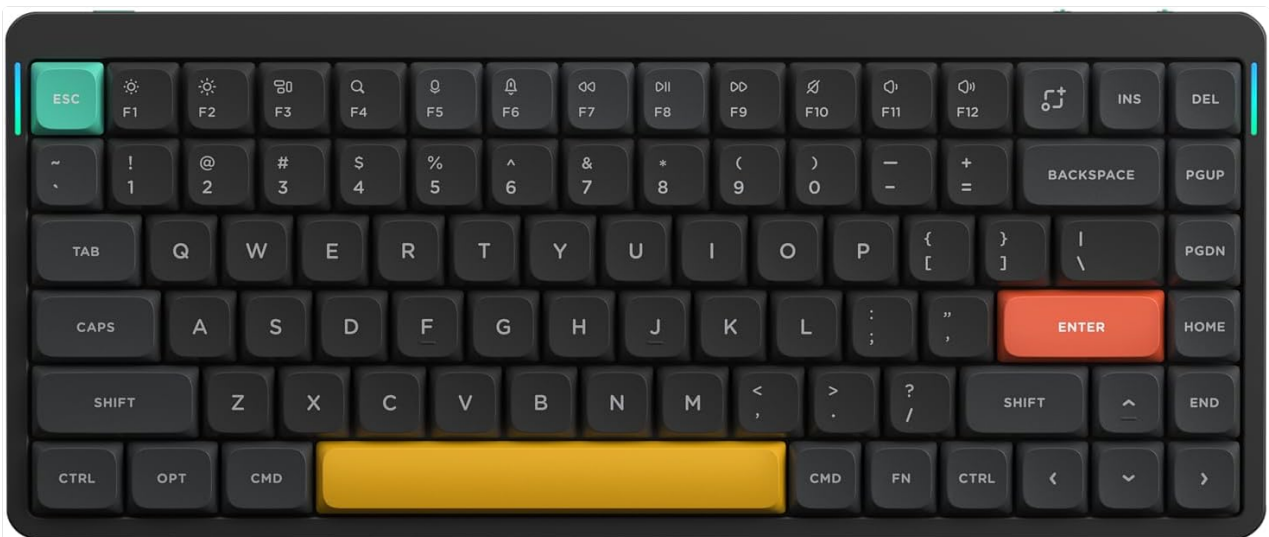


Figure 1: nuphy Air75 V2 Low Profile Mechanical Keyboard (Black, Gateron Cowberry Switches)

## 2. SETUP

### 2.1 Package Contents

- nuphy Air75 V2 Mechanical Keyboard
- USB-C Cable
- 2.4G Receiver (if applicable)
- Keycap Puller
- Switch Puller

### 2.2 Connectivity Modes

The Air75 V2 supports three connection modes:

- **Bluetooth:** For wireless connection to multiple devices.
- **2.4G Wireless:** For a stable, low-latency wireless connection using the included USB receiver.
- **USB-C Wired:** For direct connection and charging.

## 2.3 Initial Connection

To connect your keyboard:

1. Locate the mode switch on the side or back of the keyboard.
2. **For USB-C Wired:** Connect the USB-C cable from the keyboard to your computer. The keyboard will automatically connect and begin charging.
3. **For 2.4G Wireless:** Plug the 2.4G USB receiver into an available USB port on your computer. Switch the keyboard mode to 2.4G. The keyboard should connect automatically.
4. **For Bluetooth:** Switch the keyboard mode to Bluetooth. On your device (computer, tablet, etc.), go to Bluetooth settings and search for available devices. Select "nuphy Air75 V2" to pair. The keyboard supports multiple Bluetooth profiles, allowing you to switch between paired devices.



Figure 2: nuphy Air75 V2 Keyboard in use with a laptop, demonstrating connectivity.

## 3. OPERATING INSTRUCTIONS

### 3.1 RGB Backlighting

The Air75 V2 features customizable RGB backlighting. You can adjust lighting effects, brightness, and color directly on the keyboard using key combinations or through the QMK/VIA software. Refer to the official nuphy website for detailed QMK/VIA configuration guides.

### 3.2 QMK/VIA Customization

The keyboard is fully programmable via QMK/VIA. This allows you to remap keys, create macros, and customize lighting to suit your workflow and gaming needs. Download the VIA software from the official nuphy support page.

### 3.3 Hot-Swappable Switches

The Air75 V2 supports hot-swapping, allowing you to change mechanical switches without soldering. This enables customization of typing feel and sound. Use the included switch puller to carefully remove and insert switches.

### 3.4 Polling Rate

In 2.4G wireless and wired modes, the keyboard achieves a 1000Hz polling rate, ensuring rapid response times for gaming and efficient office work.

### 3.5 LED Indicators

The LED light bars on the top two sides of the keyboard provide real-time status updates. They indicate battery level and whether the CAPS lock is engaged. The color of these indicators can also be customized via QMK/VIA.



Figure 3: nuphy Air75 V2 Keyboard showcasing its RGB backlighting capabilities.

## 4. MAINTENANCE

### 4.1 Cleaning

To clean your keyboard, disconnect it from power. Use a soft, lint-free cloth slightly dampened with water or a mild cleaning solution. For deeper cleaning, you can remove the keycaps using the provided keycap puller and clean the keyboard plate and keycaps separately. Ensure all parts are dry before reassembling.

### 4.2 Keycap and Switch Replacement

The Air75 V2 features durable Double-shot PBT keycaps, designed to resist wear and fading. If you wish to replace keycaps or switches:

- Use the keycap puller to gently remove keycaps by pulling straight up.
- Use the switch puller to carefully grip the switch from its top and bottom clips and pull straight up.
- When inserting new switches, align the pins with the sockets on the PCB and press down gently until the switch clicks into place. Do not force switches, as this can bend pins.



**Cowberry (Linear, 45gf)**

**Pre-travel:  $1.2 \pm 0.3\text{mm}$  / Total travel:  $3.0 \pm 0.2\text{mm}$**

**Operating force:  $45 \pm 15\text{gf}$**

**Stem: POM / Top: PC / Bottom: PA66**

**Spring: 15mm Single-stage**

**Factory lubed / Long-pole stem**

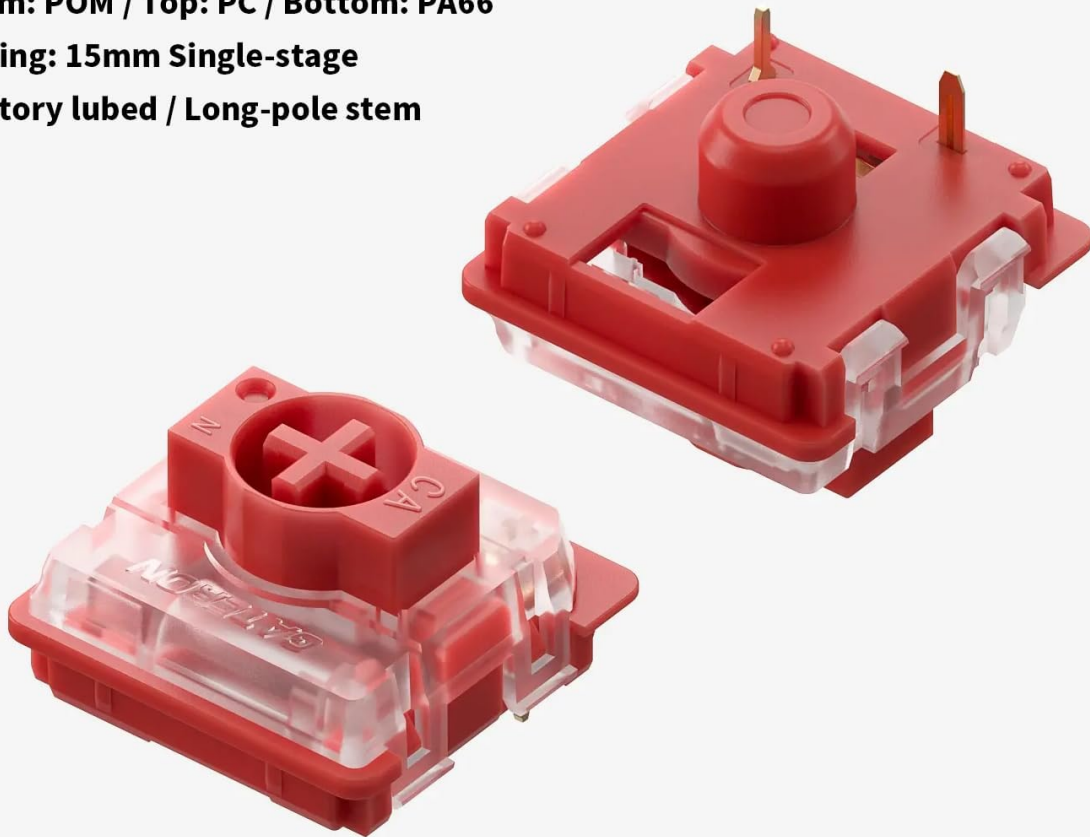


Figure 4: Gateron Cowberry switches, illustrating the hot-swappable component of the keyboard.

## 5. TROUBLESHOOTING

### 5.1 Connectivity Issues

- **Keyboard not connecting wirelessly:** Ensure the keyboard is charged. Check that the mode switch is set correctly (2.4G or Bluetooth). For 2.4G, ensure the receiver is securely plugged in. For Bluetooth, ensure your device's Bluetooth is on and the keyboard is in pairing mode. Try re-pairing.
- **Intermittent connection:** Move the keyboard closer to the receiver/device. Avoid sources of interference (e.g., other wireless devices, large metal objects).

### 5.2 Keys Not Responding

- **Specific keys:** If only a few keys are not working, the switch might be faulty or not seated correctly. Try removing and re-inserting the switch. If the issue persists, replace the switch.
- **All keys:** Ensure the keyboard is powered on and properly connected. Try switching between wired and wireless modes. Recharge the keyboard if the battery is low.

### 5.3 Backlighting Issues

- **Lights off:** Check if backlighting is turned off or brightness is set to minimum.
- **Inconsistent lighting:** Ensure the keyboard firmware is up to date.

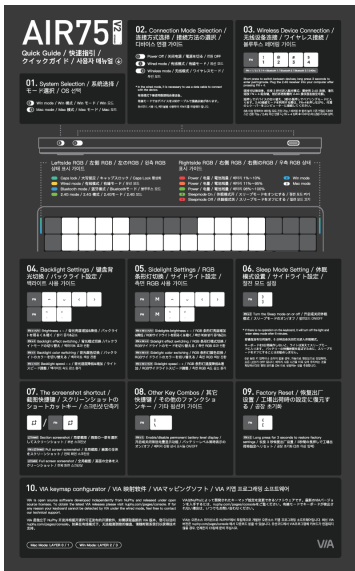
For further assistance, please visit the official nuphy support website or contact customer service.

## 6. SPECIFICATIONS

Feature	Detail
Product Name	Air75 V2 Mechanical Keyboard
Model Number	Air75 V2
Dimensions	316.4 mm x 132.5 mm x 13.5 mm (12.46 x 5.22 x 0.53 inches)
Weight	598 grams (1.32 pounds)
Material	Frame: Aluminum, Bottom Case: ABS, Keycap: PBT
Connectivity	Bluetooth, 2.4G Wireless, USB-C Wired
Polling Rate	1000Hz (2.4G & Wired modes)
Keyboard Type	Mechanical, Low Profile
Number of Keys	84
Backlighting	RGB
Compatible Devices	Laptop, PC, Tablet (Windows, macOS, Linux)
Switches	Gateron Cowberry (Hot-swappable)

## 7. WARRANTY AND SUPPORT

For information regarding warranty coverage, technical support, and frequently asked questions, please refer to the official nuphy website. You can find detailed support resources and contact information at [nuphy's official store page](#) or their dedicated support portal.

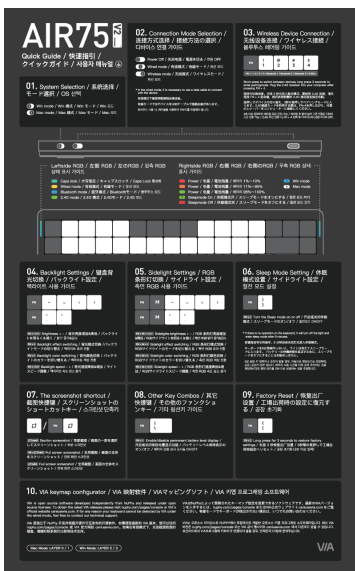


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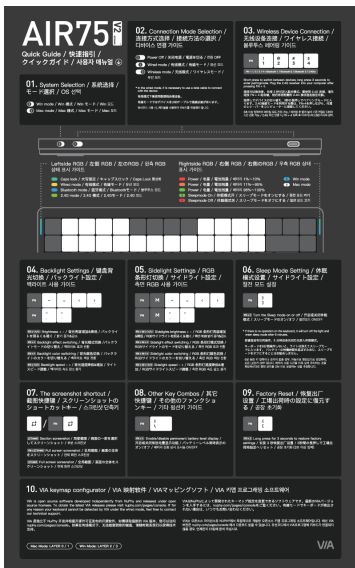


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### NuPhy AIR75 V2 Quick Guide and Poster

A comprehensive guide to the NuPhy AIR75 V2 mechanical keyboard, covering connection modes, system selection, wireless pairing, backlight settings, sleep mode, shortcuts, and VIA keymap configuration. Includes FCC and IC warnings.

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### NuPhy AIR96 V2 Mechanical Keyboard Quick Guide

A quick guide for the NuPhy AIR96 V2 mechanical keyboard, covering system selection, connection modes, wireless pairing, backlight and sidelight settings, sleep mode, shortcuts, factory reset, and VIA keymap configuration.

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