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nuphy Air75 V2

nuphy Air75 V2 Portable 75% Mechanical Keyboard User Manual

Model: Air75 V2 | Brand: nuphy

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1. INTRODUCTION

The nuphy Air75 V2 is a portable 75% mechanical keyboard designed for versatile use across multiple operating systems and connectivity modes. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your keyboard.



Figure 1: nuphy Air75 V2 Mechanical Keyboard, Grey with Gateron Cowberry Switches.

2. SETUP

2.1 Package Contents

Before using your nuphy Air75 V2 keyboard, please ensure all items are present in the package:

- nuphy Air75 V2 Mechanical Keyboard
- USB-C Cable
- Keycap Puller / Switch Puller
- 2.4GHz Wireless Dongle
- Extra Keycaps for Windows Layout
- Sample Switches (various types)
- Quick Guide / Manual
- Stickers

Your browser does not support the video tag.

Video 1: Unboxing the nuphy Air75 V2 Wireless Keyboard. This video demonstrates the contents of the package, including the keyboard, cables, and accessories.

2.2 Connectivity Modes

The Air75 V2 supports three connectivity modes:

1. **Bluetooth 5.1:** Connects wirelessly to up to 4 devices.
2. **2.4GHz Wireless:** Uses the included USB dongle for a stable, low-latency connection.
3. **USB-C Wired:** Connects directly via the USB-C cable, also charges the keyboard.

Use the switch on the top edge of the keyboard to select between OFF, WIRED, or WIRELESS modes.

2.3 System Compatibility

The keyboard is compatible with Mac, Windows, Linux, Android, and iOS systems. A dedicated switch on the top edge allows you to toggle between Windows and Mac layouts for optimal key mapping.

2.4 Adjustable Feet

The Air75 V2 features two-stage adjustable feet on the bottom for ergonomic typing angles. These feet are integrated into the keyboard design, preventing loss and offering stable elevation.



Figure 2: Bottom view of the keyboard showing the two-stage adjustable feet.

3. OPERATION

3.1 Key Functions and Layout

The Air75 V2 features a 75% layout, providing essential keys in a compact form factor. This includes function keys across the top, cursor keys in the bottom right, and command keys along the right-hand side.

Basic Information

Weight: 598 grams
Size: 316.4mm×132.5mm×13.5mm
Battery Capacity: 4000mAh
Frame: Aluminum
Bottom Case: ABS
Keycap: Double-shot PBT



Figure 3: nuphy Air75 V2 keyboard layout and basic information.

3.2 RGB Backlight Effects

The keyboard offers over 21 different RGB backlight effects. These can be changed using key combinations (refer to the quick guide for specific commands) or customized extensively via the QMK/VIA console.



Figure 4: nuphy Air75 V2 keyboard showcasing RGB backlighting.

3.3 Indicator Lights

Two RGB light bars are located on each side of the aluminum frame:

- **Left Bar:** Indicates Caps Lock status and current connection mode (wired, Bluetooth, 2.4G).
- **Right Bar:** Displays battery level and system mode (Windows/Mac).

3.4 QMK/VIA Customization

The Air75 V2 supports QMK/VIA firmware, allowing for extensive customization of key remapping, macros, and lighting effects. This open-source platform provides limitless possibilities for personalizing your keyboard experience.

**Create keybindings without bounds,
transform layouts VIA layers.**



Based on QMK/VIA, you can create a keyboard with your own ideas and make the keyboard more enjoyable for you.

Figure 5: VIA software interface for advanced keyboard customization.

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Video 2: Official overview of the nuphy Air75 V2 mechanical keyboard, highlighting its features and customization options.

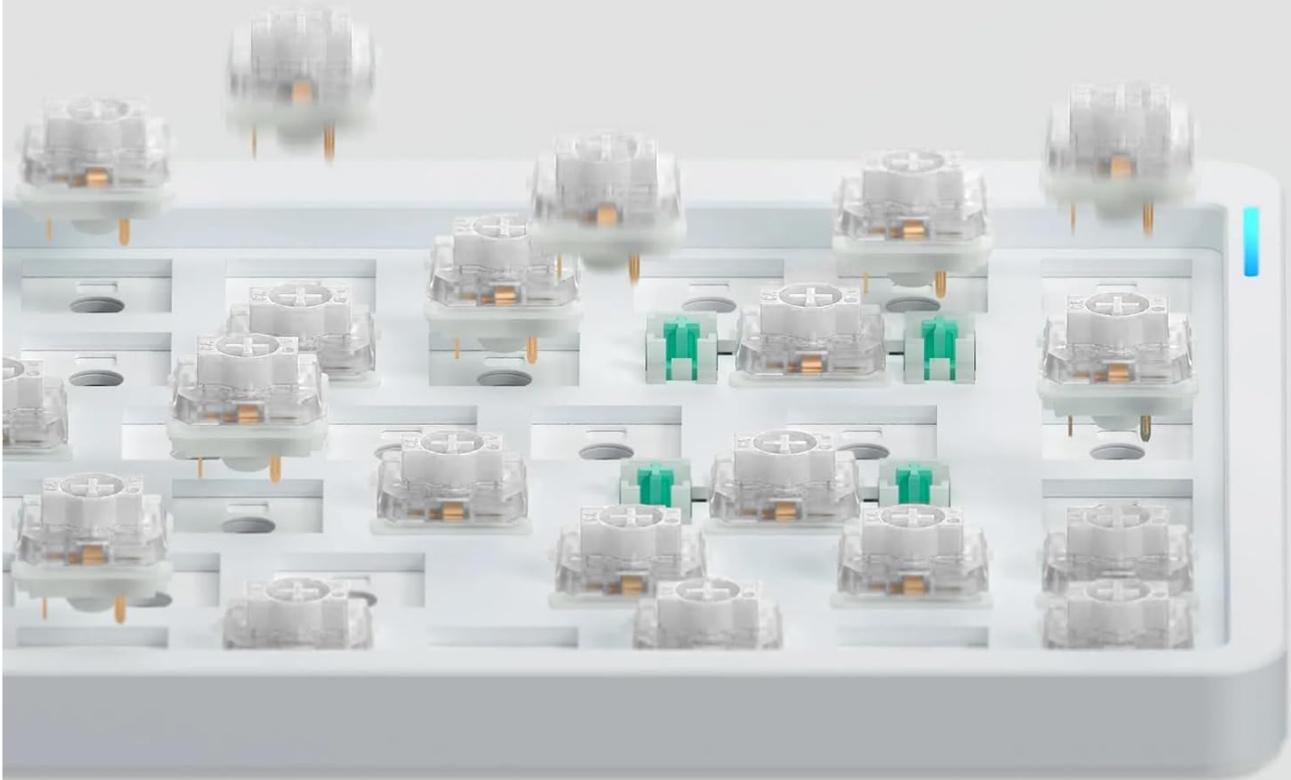
4. MAINTENANCE

4.1 Hot-Swappable Switches

The Air75 V2 is hot-swappable, allowing you to easily replace or upgrade your mechanical switches without soldering. This provides flexibility to customize your typing experience.

Hot-swappable

Air75 V2 keyboard is hot-swappable, allowing you to easily replace or upgrade your switches without soldering and to enjoy a different typing experience free of restriction.



Please refer to the title or description page for the specific switch type of the keyboard.

Figure 6: Close-up of the hot-swappable switch sockets on the nuphy Air75 V2.

The keyboard comes with Gateron Cowberry switches. Other compatible Gateron switches include Red, Blue, Brown, Aloe, Moss, and Wisteria, each offering a different tactile or linear feel.



Gateron Red Switch



Gateron Blue Switch



Gateron Brown Switch



Gateron Aloe Switch



Gateron Moss Switch



Gateron Wisteria Switch

4.2 PBT Keycaps

The keycaps are made of durable PBT material, offering a comfortable touch and ensuring characters do not fade with prolonged use.

4.3 Cleaning

To clean your keyboard, power it off and disconnect any cables. Use a soft, dry cloth to wipe the surface. For deeper cleaning, remove keycaps using the provided keycap puller and clean around the switches. Avoid using harsh chemicals or excessive moisture.

5. TROUBLESHOOTING

- **Connectivity Issues:** Ensure the keyboard is in the correct mode (Bluetooth, 2.4GHz, or Wired) using the top switch. For Bluetooth, ensure the device is discoverable and paired correctly. For 2.4GHz, ensure the dongle is securely plugged in.
- **Battery Not Charging:** Verify the USB-C cable is properly connected to both the keyboard and a power source. Check the battery indicator light for status.
- **Keys Not Responding:** Try restarting the keyboard. If specific keys are not working, consider hot-swapping the switch with a spare to check if the switch itself is faulty.
- **Backlight Problems:** Use key combinations or the QMK/VIA software to adjust brightness and effects. Ensure the keyboard is sufficiently charged.

6. SPECIFICATIONS

Product Dimensions	12.46"L x 5.22"W x 0.53"H
Item Weight	1.15 pounds

Battery Capacity	4000mAh (up to 220 hours with backlight off, 35-57 hours with backlight on)
Connectivity Technology	2.4GHz, Bluetooth 5.1, USB-C
Keyboard Description	Mechanical, 75% Layout
Keycap Material	PBT
Backlighting	RGB
Compatible Devices	Laptop, PC, Tablet (Mac/Windows/Linux/Android/iOS)
Polling Rate	1000Hz (wired/2.4GHz), 125Hz (Bluetooth)

7. WARRANTY & SUPPORT

For detailed warranty information and customer support, please refer to the documentation included in your product packaging or visit the official nuphy website.