nuphy Air75 V2

nuphy Air75 V2 Portable 75% Mechanical Keyboard Instruction Manual

Model: Air75 V2 | Brand: nuphy

INTRODUCTION

This manual provides detailed instructions for the nuphy Air75 V2 Portable 75% Mechanical Keyboard. It covers essential information regarding setup, operation, maintenance, and technical specifications to ensure optimal use of your device. The Air75 V2 is designed for versatility, offering multiple connectivity options and extensive customization capabilities.

KEY FEATURES

- **Translucent Bottom Shell Design:** The Air75 V2 features a high-quality aluminum frame with a new translucent bottom case, allowing visibility of the internal structure. Two adjustable height stands are integrated for enhanced ergonomic comfort.

- **Multi-Device Connectivity:** Compatible with Mac, Windows, Linux, Android, and iOS systems. Supports Bluetooth 5.1, 2.4G wireless, and USB-C wired connectivity modes. Connect up to 4 devices simultaneously and switch between them seamlessly.

- **Cool RGB Backlit Effect:** Offers over 21 distinct RGB backlight effects, easily changeable via key combinations. Lighting effects can be customized through the console (keycaps are not backlit). Two RGB light bars on the aluminum frame indicate Caps Lock, connection mode, battery level, and system mode.

- **QMK/VIA Customization:** The keyboard supports QMK/VIA firmware, enabling extensive key remapping, macro creation, and lighting customization for a personalized user experience.

- **Long Endurance Battery:** Equipped with a 4000mAh battery, providing 35-57 hours of continuous use with backlighting fully on, or up to 220 hours with backlighting off.

- **Durable PBT Keycaps:** The keycaps are made from PBT material, offering a comfortable touch and long-lasting legends that resist fading.

SETUP AND CONNECTIVITY

The nuphy Air75 V2 keyboard offers flexible connectivity options to suit various devices and preferences.

System Compatibility

The keyboard is compatible with a wide range of operating systems, including Mac, Windows, Linux, Android, and iOS.

Connection Modes

The Air75 V2 supports three primary connection modes:

- **Wired Mode (USB-C):** Connect the keyboard directly to your device using the provided USB-C cable. This mode also charges the keyboard battery.
- **2.4G Wireless Mode:** Use the included 2.4G receiver (dongle) for a stable and low-latency wireless connection.
- **Bluetooth 5.1 Mode:** Pair the keyboard with up to four Bluetooth-enabled devices.

Switching Between Modes and Systems

On the top edge of the keyboard, locate the mode switches:

- **OS Switch:** Toggle between 'Win' (Windows/Android/Linux) and 'Mac' (Mac/iOS) modes to ensure correct key mapping.
- **Connection Mode Switch:** Select 'Off', 'Wired', or 'Wireless'.

For Bluetooth pairing:

1. Set the Connection Mode switch to 'Wireless'.
2. Hold down the 'Fn' key and press '1', '2', or '3' for 3 seconds to enter pairing mode for Bluetooth devices 1, 2, or 3 respectively. The corresponding RGB light bar will flash.
3. On your device, search for 'Air75 BTX.0' (where X is 1, 2, or 3) in Bluetooth settings and connect.

For 2.4G wireless connection:

1. Set the Connection Mode switch to 'Wireless'.
2. Hold down the 'Fn' key and press '4' for 3 seconds to enter pairing mode for the 2.4G receiver. The RGB light bar will flash.
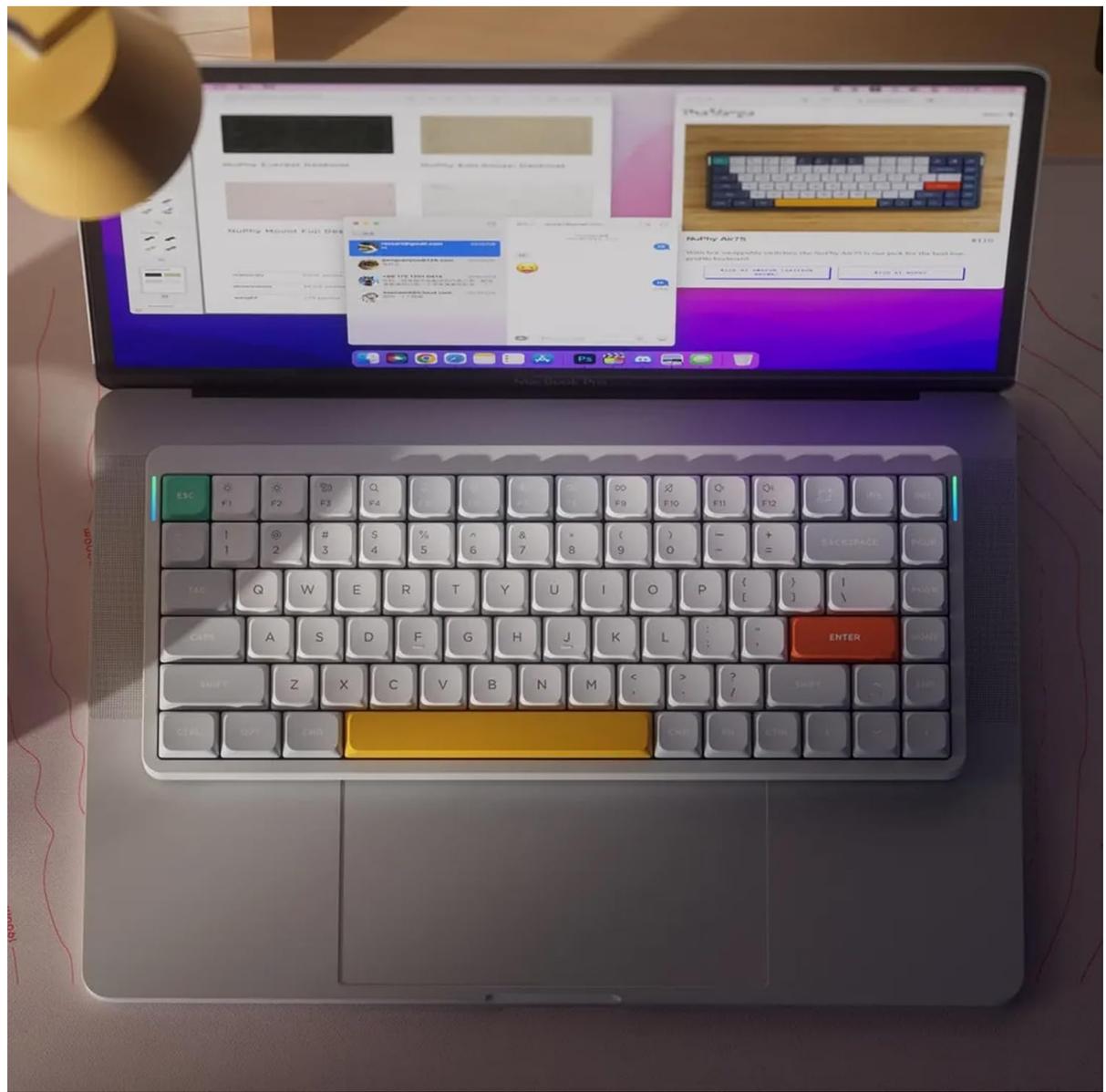3. Plug the 2.4G receiver into your computer's USB port.

Image: nuphy Air75 V2 keyboard positioned over a laptop keyboard, demonstrating its compact size and compatibility.

Your browser does not support the video tag.

Video: Official nuphy Air75 V2 mechanical keyboard overview, showcasing its design and features.

OPERATING INSTRUCTIONS

RGB Backlight Control

The Air75 V2 features extensive RGB backlighting. You can cycle through over 21 different effects using key combinations. The left RGB light bar indicates Caps Lock and connection mode, while the right bar shows battery level and system mode.

- **Change Effect:** Press 'Fn' + Left Arrow key.
- **Change Color:** Press 'Fn' + Right Arrow key.
- **Adjust Brightness:** Press 'Fn' + Up Arrow key (increase) or 'Fn' + Down Arrow key (decrease).

QMK/VIA Customization

Leverage the power of QMK/VIA for advanced customization:

- **Key Remapping:** Reassign any key to perform a different function.
- **Macro Creation:** Program complex sequences of commands to a single key.
- **Lighting Customization:** Fine-tune backlight effects and colors beyond the default presets.

To access QMK/VIA customization, download the appropriate software from the nuphy website and follow the on-screen instructions. This open-source firmware provides endless possibilities for personalizing your keyboard.

Image: The nuphy Air75 V2 keyboard displayed alongside a computer screen showing the QMK/VIA customization software, illustrating key remapping and lighting options.

Maintenance

Proper maintenance ensures the longevity and performance of your nuphy Air75 V2 keyboard.

Cleaning

- **Keycaps:** Use a soft, damp cloth to wipe down the keycaps. For deeper cleaning, keycaps can be removed using a keycap puller and washed with mild soap and water. Ensure they are completely dry before reattaching.
- **Keyboard Body:** Wipe the aluminum frame and translucent bottom shell with a soft, dry cloth. Avoid

abrasive cleaners.

- **Between Keys:** Use compressed air to remove dust and debris from between the keycaps and switches.
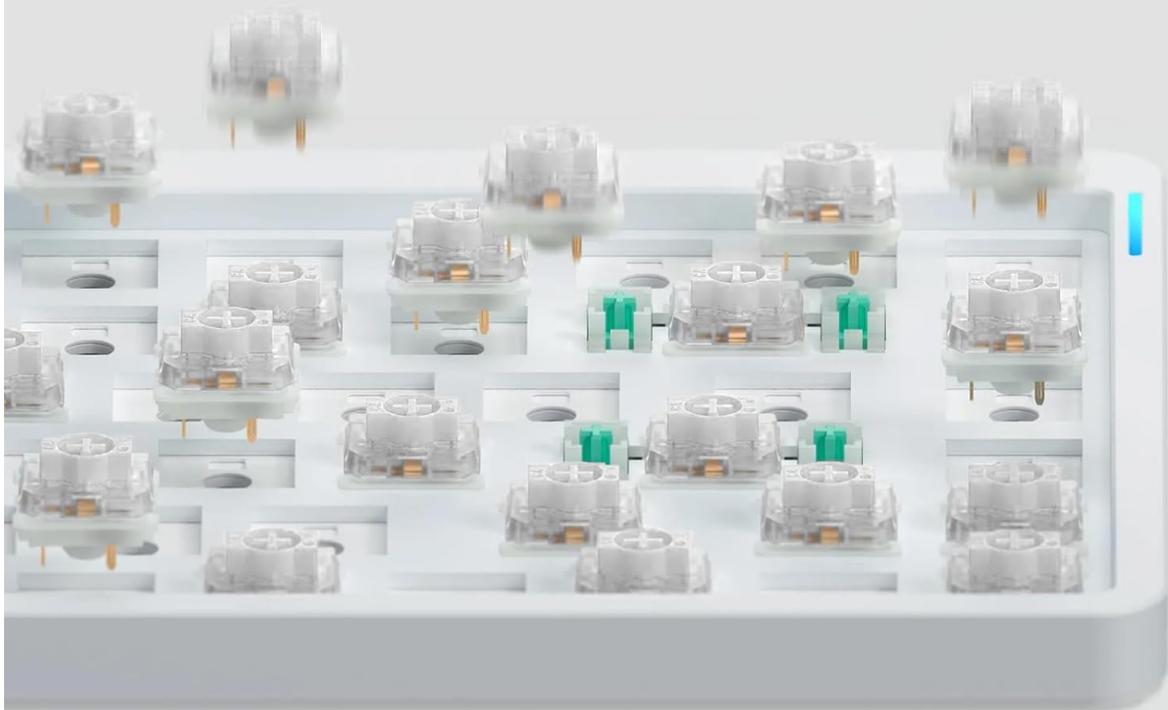
Hot-Swappable Switches

The Air75 V2 features hot-swappable mechanical switches, allowing for easy replacement or customization without soldering.

- **Removing Switches:** Use the provided switch puller tool to carefully grip and pull the switch straight up from the keyboard plate.
- **Installing Switches:** Align the pins of the new switch with the holes on the PCB and press firmly until it clicks into place. Ensure pins are not bent.

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.

Image: A detailed view of the hot-swappable mechanical switches on the nuphy Air75 V2 keyboard, highlighting their easy removal and installation.

TROUBLESHOOTING

If you encounter issues with your nuphy Air75 V2 keyboard, refer to the following common troubleshooting steps:

- **Keyboard Not Responding:**

    - Ensure the keyboard is powered on and the correct connection mode (Wired, 2.4G, Bluetooth) is selected via the top switches.
    - Check the battery level. If low, connect the USB-C cable to charge.
    - In wireless modes, ensure the keyboard is properly paired with your device. Try re-pairing if necessary.

- **Connectivity Issues (Wireless):**

    - Ensure the 2.4G receiver is securely plugged into your device, or that Bluetooth is enabled on your host device.
    - Move the keyboard closer to the receiver/device to rule out range issues.
    - Avoid interference from other wireless devices operating on similar frequencies.

- **Keys Not Registering or Double-Typing:**

    - This may indicate a faulty switch. Utilize the hot-swappable feature to replace the problematic switch.
    - Ensure the keycap is properly seated on the switch stem.

- **Backlight Not Working or Incorrect:**

    - Check backlight brightness settings using 'Fn' + Up/Down Arrow keys.
    - Ensure the keyboard is not in a low power state where backlighting might be disabled to conserve battery.
    - If using QMK/VIA, verify your lighting profiles.

SPECIFICATIONS

Feature	Detail
Product Dimensions	12.46"L x 5.22"W x 0.53"H
Item Weight	1.15 pounds
Manufacturer	nuphy
Item Model Number	Air75 V2
Batteries	1 9V batteries required (internal 4000mAh)
Compatible Devices	Laptop, PC, Tablet
Connectivity Technology	2.4GHz, Bluetooth 5.1, USB-C
Keyboard Description	Mechanical
Recommended Uses	Games, Programming, Office Use
Special Feature	Backlit (RGB)
Color	White (Gateron Red Switch variant)
Keyboard Backlighting Color Support	RGB

Feature	Detail
Style	Modern

WARRANTY AND SUPPORT

For detailed warranty information and support, please refer to the documentation included with your product packaging or visit the official nuphy website. You can also visit the nuphy Store on Amazon for additional resources and contact options.