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› ASHATA 60% RGB DIY Mechanical Keyboard Kit User Manual

ASHATA

ASHATA 60% RGB DIY Mechanical Keyboard Kit User Manual

Model: 61-Key Hot Swappable Keyboard Kit

INTRODUCTION

This manual provides comprehensive instructions for the assembly, operation, and maintenance of your ASHATA 60% RGB DIY Mechanical Keyboard Kit. This kit allows for full customization, including hot-swappable switches and keycaps, to create a personalized typing experience.

The keyboard supports multiple connectivity options: Bluetooth 5.0, USB-C wired, and 2.4GHz wireless, ensuring broad compatibility across various operating systems.

WHAT'S IN THE BOX

Upon unboxing, please verify that all components are present:

- ASHATA 60% Mechanical Keyboard PCB/Case Assembly
- USB-C to USB-A Cable
- Keycap Puller
- Switch Puller (often integrated with keycap puller or as a separate tool)



Image: The keyboard kit components, including the barebones keyboard, USB cable, and tools.

SETUP GUIDE

1. Installing Switches

The ASHATA keyboard kit features hot-swappable sockets, allowing for easy installation and removal of mechanical switches without soldering. It supports both 3-pin and 5-pin switches.

1. Align the pins of the mechanical switch with the corresponding holes on the PCB. Ensure the pins are straight and not bent.
2. Gently push the switch into the socket until it clicks into place. Apply even pressure.
3. Repeat for all desired keys.

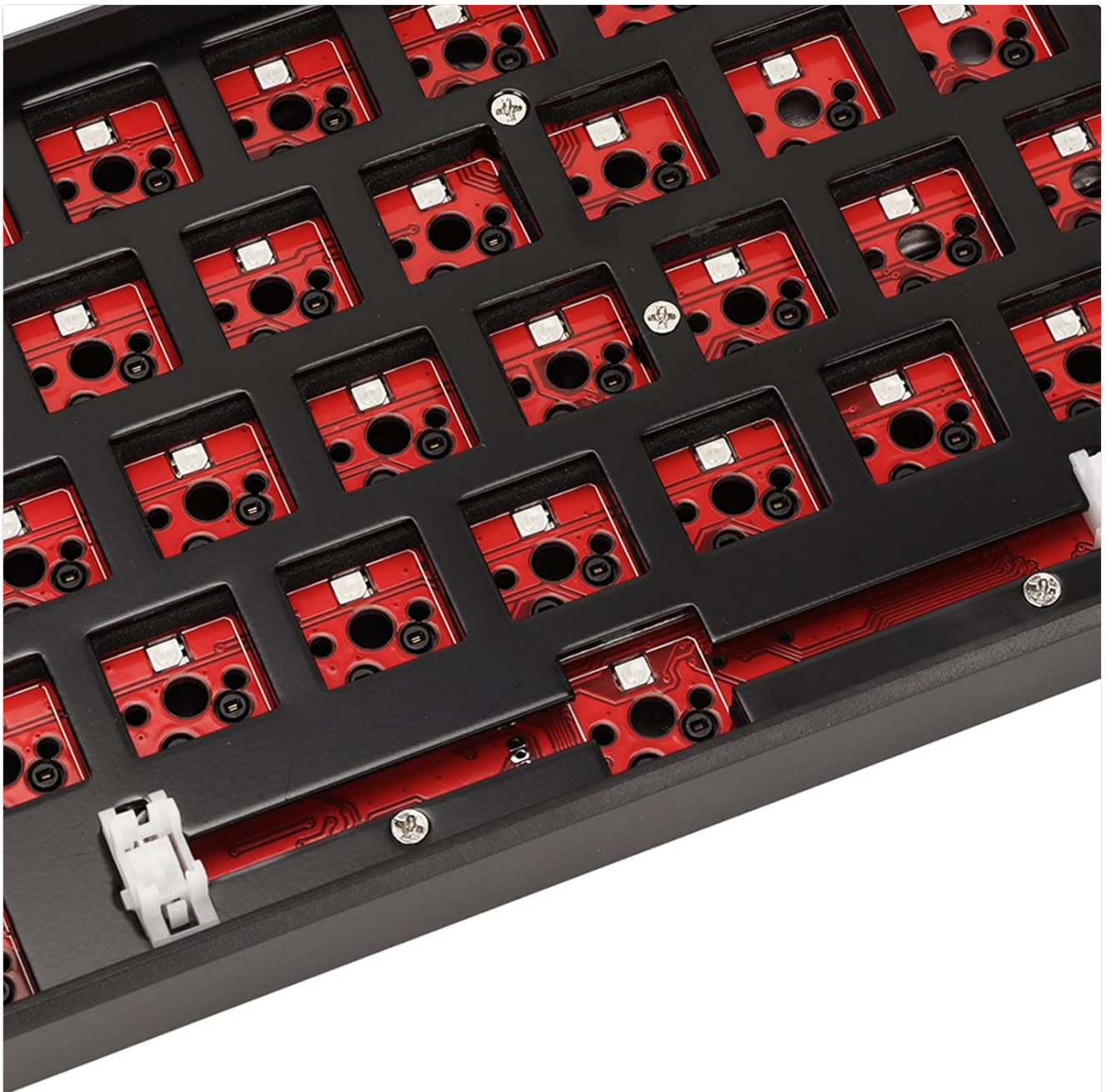


Image: Detail of the hot-swappable sockets, ready for switch installation.

Important Note:

Before inserting a switch, carefully inspect its pins. If any pins are bent, gently straighten them with tweezers to prevent damage to the switch or the PCB socket. Insert switches vertically to avoid bending pins.

2. Installing Keycaps

Once all switches are installed, you can attach your preferred keycaps.

1. Align the keycap stem with the cross-shaped stem on the mechanical switch.
2. Press the keycap firmly onto the switch until it is securely seated.
3. Use the provided keycap puller to remove keycaps if needed, by hooking it onto the keycap and pulling upwards gently.

OPERATING INSTRUCTIONS

Connectivity Options

Your ASHATA keyboard supports three modes of connection:

- **USB-C Wired:** Connect the provided USB-C cable to the keyboard's port and the USB-A end to your computer. The keyboard will be recognized automatically.
- **Bluetooth 5.0:**
 - a. Ensure the keyboard's power switch (located on the bottom) is in the ON position.
 - b. Activate Bluetooth pairing mode on the keyboard (refer to specific key combination if available, e.g., Fn + 1/2/3).
 - c. On your device (computer, tablet, smartphone), search for Bluetooth devices and select "ASHATA Keyboard" (or similar name).
 - d. Follow any on-screen prompts to complete pairing.
- **2.4GHz Wireless:**
 - a. Ensure the keyboard's power switch (located on the bottom) is in the ON position.
 - b. Insert the 2.4GHz USB receiver into an available USB port on your computer.
 - c. The keyboard should automatically connect to the receiver.



Image: USB-C port for wired connection and charging, and the power switch for wireless modes.

Back RGB Light



Image: Visual representation of the keyboard's multi-mode connectivity.

Hot Swappable Shaft Holders



Image: The keyboard's compatibility with various devices and operating systems.

RGB Lighting Control

The keyboard features RGB backlighting. Specific key combinations (often involving the Function key, Fn) are used to cycle through lighting modes, adjust brightness, and change colors. Refer to the quick start guide or product page for detailed key combinations for RGB control.

Anti-slip Foot Pad Design



Image: The keyboard showcasing its RGB lighting capabilities.

MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your keyboard.

- **Cleaning Keycaps:** Use the keycap puller to remove keycaps. Clean them with a mild soap solution and a soft cloth. Ensure they are completely dry before reattaching.
- **Cleaning the PCB/Case:** Use compressed air to remove dust and debris from between switches and from the PCB. A soft brush can also be used. Avoid liquid cleaners directly on the PCB.
- **Switch Maintenance:** If a switch feels inconsistent, it can be removed using a switch puller and inspected. Some switches can be lubricated for smoother operation, but this requires specialized tools and knowledge.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Keyboard not responding (wired)	Loose cable connection, faulty USB port, driver issue.	Ensure USB-C cable is securely connected at both ends. Try a different USB port on your computer. Test with a different USB-C cable. Restart your computer.
Keyboard not responding (wireless)	Keyboard off, low battery, not paired, receiver issue.	Ensure the power switch on the bottom of the keyboard is ON. Charge the keyboard via USB-C. Re-pair the keyboard via Bluetooth or re-insert the 2.4GHz receiver. Ensure the receiver is in a clear line of sight if using 2.4GHz.
Specific keys not working	Switch not properly seated, faulty switch, bent switch pin.	Remove the keycap and switch. Inspect switch pins for bends and straighten if necessary. Reinsert the switch firmly. If the issue persists, try replacing the switch with a known working one.
RGB lighting not working or inconsistent	Software glitch, incorrect settings, hardware issue.	Ensure the keyboard is powered on and connected. Cycle through RGB modes using the keyboard's function keys. If applicable, check the keyboard's software settings for RGB control.

SPECIFICATIONS

Feature	Detail
Model	61-Key DIY Mechanical Keyboard Kit
Keys Layout	61 Keys (60% Layout)
Switch Compatibility	Hot-swappable, supports 3-pin and 5-pin mechanical switches
Connectivity	Bluetooth 5.0, USB-C Wired, 2.4GHz Wireless
Backlighting	RGB
Shell Material	ABS One-piece Shell
Internal Structure	Metal plate, sandwiching soundproof silicone, bottom sound absorbing cotton
Compatible Systems	Windows 2000/ME/XP/Vista/7/8/10, HarmonyOS, Android, OS X
Dimensions	Approximately 13.39 x 5.91 x 1.97 inches

Feature	Detail
Item Weight	Approximately 1.33 pounds

WARRANTY AND SUPPORT

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

Manufacturer: ASHATA

ASIN: B0BC2BPDF8

