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Womier WD75

Womier WD75 Wood Gaming Keyboard User Manual

1. INTRODUCTION

This manual provides comprehensive instructions for the Womier WD75 Wood Gaming Keyboard. Please read this manual thoroughly before using the product to ensure proper operation and maintenance.

Package Contents

- Womier WD75 Wood Gaming Keyboard
- USB-C Cable
- Keycap Puller
- Switch Puller
- Additional Switches (if included)
- 2.4GHz Wireless Receiver



Image: Contents of the Womier WD75 keyboard package, including the keyboard, USB-C cable, keycap puller, switch puller, and 2.4GHz wireless receiver.

2. FEATURES

- **Walnut Wood Shell:** Crafted with a smooth, delicate walnut wood casing for a unique aesthetic and tactile experience.
- **75% Layout (84 Keys):** Compact design retaining essential keys for gaming and productivity.
- **Tri-Mode Connectivity:** Supports USB-C wired, Bluetooth 3.0/5.0, and 2.4GHz wireless connections.
- **8000mAh Battery:** High-capacity battery for extended wireless usage.
- **QMK/VIA Programmable:** Open-source software support for custom key remapping, macros, and lighting effects.


- **Hot-Swappable Switches:** Compatible with both 3-pin and 5-pin mechanical switches, allowing for easy customization.
- **Womier Full POM Linear Switches:** Pre-installed switches optimized for gaming and typing with a 55gf drive and 2.0mm pre-travel.
- **South-Facing RGB Backlighting:** Customizable RGB lighting with evenly distributed light effects.
- **Translucent Clear Keycaps (MDA Profile):** Crafted from high-quality PC for an immersive typing experience and enhanced RGB visibility.
- **Five Layers of Sound-Absorbing Fillings:** Designed to provide a soft, cushioned typing feel and a pleasant sound profile.



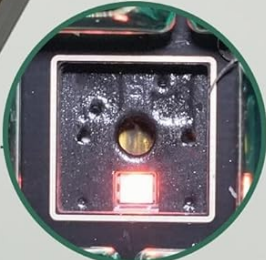
Image: The Womier WD75 keyboard showcasing its 75% layout, green translucent keycaps, and wooden base.

Womier


WD75 Wood Gaming Keyboard



Wooden Keyboard Shell



Hot swappable Base



Translucent Clear Keycaps

Image: Detailed view highlighting the keyboard's wooden shell, the hot-swappable switch socket, and the translucent clear keycaps.

Five Layers of Sound-absorbing Fillings Material

Keyboard providing a soft, cushioned typing feel and a delightful typing sound



Image: An exploded diagram illustrating the five layers of sound-absorbing filling materials within the keyboard, designed for improved acoustics and typing feel.

3. SETUP

3.1 Connecting the Keyboard

The Womier WD75 keyboard offers three connection modes: wired, 2.4GHz wireless, and Bluetooth.



Image: The Womier WD75 keyboard demonstrating its versatile tri-mode connection capabilities: wired via USB-C, 2.4GHz wireless with a dongle, and Bluetooth.

Wired Connection:

1. Locate the USB-C port on the back of the keyboard.
2. Connect the provided USB-C cable to the keyboard and the other end to your computer's USB port.
3. Ensure the mode switch on the keyboard is set to "USB" or "Wired" mode.
4. The keyboard will be automatically recognized by your system.

2.4GHz Wireless Connection:

1. Locate the 2.4GHz wireless receiver (USB dongle) included in the package.
2. Plug the USB receiver into an available USB port on your computer.
3. Set the mode switch on the keyboard to "2.4G" mode.
4. The keyboard should connect automatically. If not, press **Fn + R** to initiate pairing.

Bluetooth Connection:

The keyboard can connect to up to three Bluetooth devices.

1. Set the mode switch on the keyboard to "BT" mode.
2. To enter pairing mode for a specific channel, press and hold **Fn + Q** (for BT1), **Fn + W** (for BT2), or **Fn + E** (for BT3) for 3-5 seconds until the corresponding key flashes rapidly.
3. On your device (computer, tablet, smartphone), open Bluetooth settings and search for "Womier WD75".
4. Select the keyboard to pair. The key will stop flashing once connected.
5. To switch between paired Bluetooth devices, short press **Fn + Q/W/E**.

3.2 Charging the Battery

The keyboard is equipped with an 8000mAh battery. Connect the USB-C cable to the keyboard and a power source (computer USB port or USB wall adapter) to charge. The indicator light will show charging status.



Image: Visual representation of the keyboard's 8000mAh battery, indicating fast charging (6-8 hours) and long-lasting usage (500 hours standby).

4. OPERATION

4.1 Basic Key Functions

The Womier WD75 features a 75% layout. Some functions are accessed via the **Fn** key combination.

Function	Key Combination	Description
F1-F12	Fn + 1-12	Accesses standard F-row functions.
Brightness Up	Fn + ↑	Increases RGB backlight brightness.
Brightness Down	Fn + ↓	Decreases RGB backlight brightness.
Lighting Mode Cycle	Fn + \	Cycles through different RGB lighting effects.
Lighting Color Cycle	Fn + Backspace	Cycles through different RGB lighting colors.
Windows/Mac Mode Toggle	Fn + A (Windows) / Fn + S (Mac)	Switches keyboard layout compatibility between Windows and macOS.

4.2 QMK/VIA Programming

The Womier WD75 supports QMK/VIA, allowing for extensive customization of key mappings, macros, and lighting effects. This functionality is available in wired mode.

1. Ensure the keyboard is connected via USB-C cable.
2. Download the VIA software from the official VIA website (caniusevia.com) or the Womier support page.
3. Download the specific JSON keymap file for the WD75 model from the Womier website.
4. Open the VIA software. If the keyboard is not automatically detected, go to the "Design" tab, enable "Load Raw Data", and load the downloaded JSON file.
5. Once detected, you can remap keys, create macros, and customize RGB lighting within the VIA interface.
6. Changes made in VIA are saved directly to the keyboard's firmware and will function in all connection modes (wired, 2.4GHz, Bluetooth) once programmed.

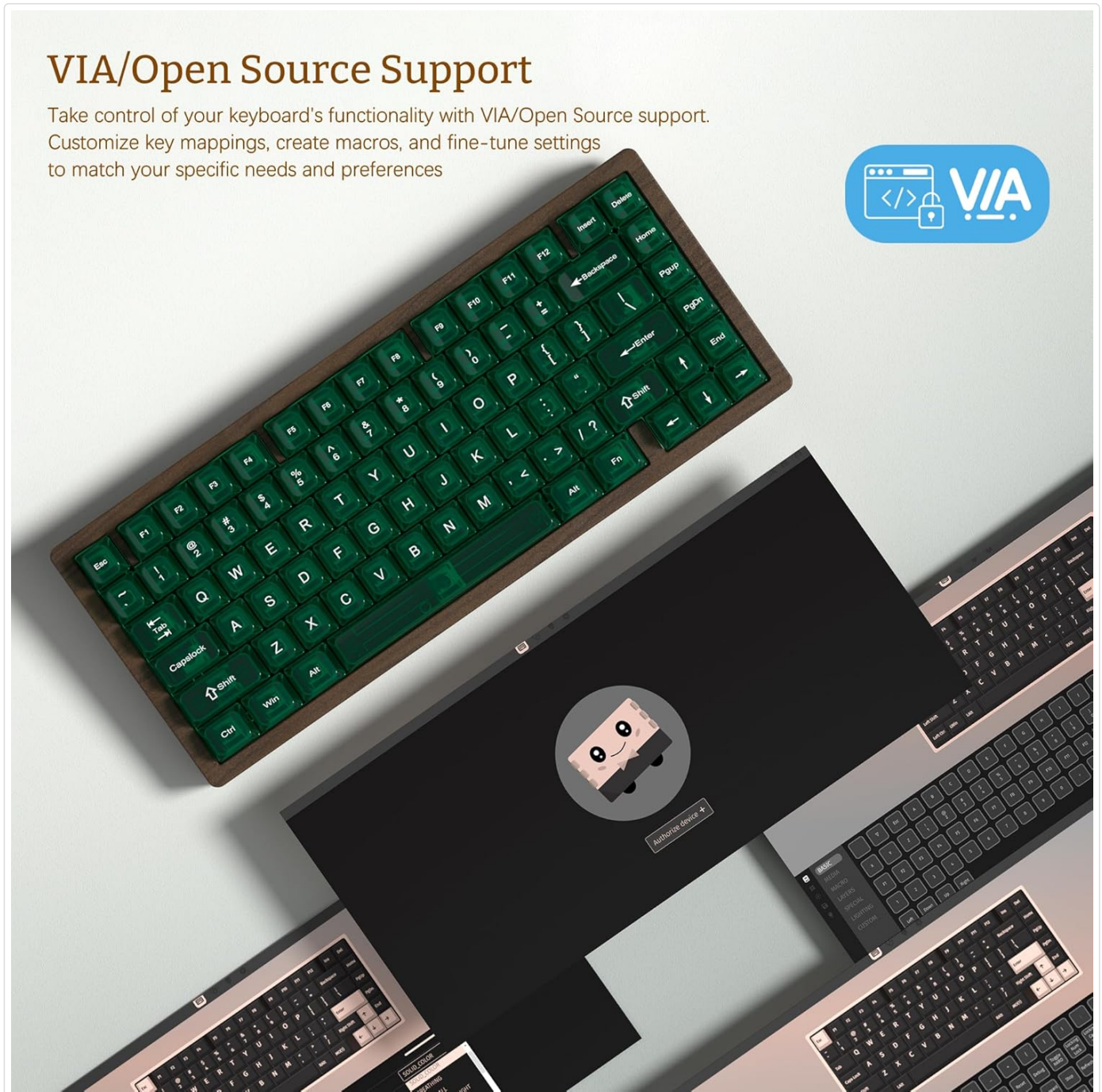


Image: The VIA software interface, demonstrating its capability to customize key mappings and other keyboard functionalities.

5. MAINTENANCE

5.1 Cleaning the Keyboard

- Disconnect the keyboard from all power sources before cleaning.
- Use a soft, lint-free cloth slightly dampened with water or a mild cleaning solution to wipe the keycaps and wooden case. Avoid harsh chemicals.
- For dust and debris between keycaps, use compressed air.
- Do not immerse the keyboard in water or any liquid.

5.2 Replacing Switches and Keycaps

The WD75 keyboard is hot-swappable, allowing for easy replacement of switches and keycaps without soldering.

Hot-swap Custom Keyboard

Hot-swappable base supports 3-pin or 5-pin switches replacement

Womier POM Linear Switch

force (gf)

travel (mm)

operating point

reset point

Switch Type: Linear	Total Travel: 3.8 ± 0.2 mm
Actuation Force: 42 ± 5 gf	Material: POM
Pre-travel: 2 ± 0.2 mm	Factory lubed: Yes

Image: Illustration of the hot-swappable feature, showing how to remove and insert mechanical switches and keycaps using the provided tools.

Replacing Keycaps:

1. Use the provided keycap puller to gently grip the keycap you wish to remove.

2. Pull straight up with even pressure until the keycap detaches from the switch stem.
3. To install a new keycap, align it with the switch stem and press down firmly until it clicks into place.

Replacing Switches:

1. First, remove the keycap using the keycap puller.
2. Use the provided switch puller to grasp the top and bottom clips of the switch.
3. Gently rock and pull the switch upwards until it comes free from the PCB.
4. To install a new switch, ensure its pins are straight. Align the pins with the holes on the PCB and press down firmly until the switch clicks into place. Do not force the switch; bent pins can damage the socket.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Keyboard not responding (wired)	Loose cable connection, incorrect mode switch setting, driver issue.	Check USB-C cable connection. Ensure mode switch is set to "USB". Try a different USB port or computer. Reinstall keyboard drivers if necessary.
Keyboard not connecting (2.4GHz/Bluetooth)	Low battery, incorrect mode, pairing issue, interference.	Charge the keyboard. Ensure mode switch is set to "2.4G" or "BT". Re-initiate pairing process. Move closer to the receiver/device. Reduce wireless interference.
RGB lighting not working or dim	Brightness setting, lighting mode, software conflict.	Adjust brightness using Fn + ↑. Cycle lighting modes with Fn + \ . Check VIA software settings.
Keys not registering or double-typing	Faulty switch, debris under keycap, software issue.	Remove keycap and check for debris. Replace the switch if it's faulty (hot-swappable). Update keyboard firmware or VIA software.
Keyboard feels wobbly on desk	Uneven surface, warped case (rare).	Ensure desk surface is flat. Check rubber feet on keyboard for damage or missing pieces. If the wooden case is warped, contact support.

7. SPECIFICATIONS

Feature	Detail
Model	WD75
Layout	75% (84 Keys)
Connectivity	USB-C Wired, Bluetooth 3.0/5.0, 2.4GHz Wireless
Battery Capacity	8000mAh Lithium Polymer
Switches	Womier Full POM Linear (Hot-swappable 3/5-pin)
Keycaps	Translucent Clear, MDA Profile
Backlighting	South-Facing RGB
Programmability	QMK/VIA Support

Shell Material	Walnut Wood
Compatible OS	macOS, Windows, Linux
Dimensions (L x W x H)	14.17 x 7.01 x 2.95 inches (approx.)
Weight	2.46 pounds (approx.)
Country of Origin	China

8. WARRANTY AND SUPPORT

8.1 Warranty Information

Womier products are manufactured to high quality standards. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official Womier website. The warranty typically covers manufacturing defects for a specified period from the date of purchase.

8.2 Customer Support

If you encounter any issues or have questions regarding your Womier WD75 keyboard, please contact Womier customer support through their official website or the retailer from whom you purchased the product. Please have your product model and purchase details ready when contacting support.

Womier Official Website: www.womier.com (Note: This is a placeholder URL, please refer to actual product documentation for correct URL.)

