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> Wireless Typewriter Keyboard Mechanical TKL, 2.4G/BT5.0/Wired WM87 Retro Vintage Gaming Keyboard Typewriter Style with Punk Round Keycaps True RGB Backlit, 2 Control Knobs, Clicky Switch Blue Switch Black User Manual

WOTIMILON WM87

WOTIMILON WM87 Wireless Typewriter Mechanical Keyboard User Manual

Model: WM87 | Brand: WOTIMILON

1. INTRODUCTION

Thank you for choosing the WOTIMILON WM87 Wireless Typewriter Mechanical Keyboard. This manual provides essential information for setting up, operating, and maintaining your new keyboard. Designed with a retro aesthetic and modern functionality, the WM87 offers a unique typing and gaming experience.

This keyboard features triple-mode connectivity (Type-C wired, Bluetooth, 2.4Ghz) for versatile use across devices like tablets, laptops, and phones. It includes two control knobs for easy adjustment of RGB backlighting and device volume. Enjoy true RGB backlighting with 18 gorgeous lighting modes and true mechanical blue switches for tactile feedback. The DIY software allows for customization of lights, key remapping, and macro recording, with music sync capabilities (Windows only).



Figure 1.1: WOTIMILON WM87 Wireless Typewriter Mechanical Keyboard

2. WHAT'S IN THE BOX

Please check the package contents to ensure all items are present:

- 1x WM87 Wireless Typewriter Keyboard
- 1x User Manual
- 1x Keycap Puller
- 1x 2.4Ghz Adaptor
- 1x Type-C Cable



Figure 2.1: Package Contents

3. SETUP

3.1 Triple-Mode Connectivity

The WM87 keyboard supports three connection modes: Type-C wired, Bluetooth 5.0, and 2.4Ghz wireless. This ensures broad compatibility with Windows, macOS, and Android devices.

3-Mode Mechanical Keyboard



Figure 3.1: Triple-Mode Mechanical Keyboard Connectivity

3.1.1 Wired Mode

Plug the Type-C USB cable into the keyboard and your device. Press **FN + Tab** to switch to wired mode. The keyboard will automatically connect.

3.1.2 Bluetooth Mode

The keyboard can store up to 3 Bluetooth devices. To connect:

1. Select one of the Bluetooth channels: **B1**, **B2**, or **B3**.
2. Press and hold **FN + B1/B2/B3** for 3 seconds. The indicator of the corresponding button will blink quickly, indicating pairing mode.
3. On your device (tablet, laptop, phone), search for and connect to the device named "WM87 Keyboard".
4. Once connected, the indicator light will stop blinking and turn solid. You can switch between paired devices by pressing **FN + B1/B2/B3**.

3.1.3 2.4Ghz Mode

This mode uses the included 2.4Ghz USB adapter.

1. Press and hold **FN + G** for 3 seconds. The indicator of the button will blink quickly, indicating pairing mode.
2. Plug the 2.4Ghz adapter into your device within 20 seconds.

3. After successful connection, the indicator light will stay on.

Video 3.1: WOTIMILON Wireless Typewriter Keyboard Mechanical TKL - Demonstrates unboxing, wired setup, and basic functionality.

4. OPERATING INSTRUCTIONS

4.1 Control Knobs

The WM87 keyboard is equipped with two multi-function control knobs located at the top.

- **Left Knob (Backlit Control):**

- Turn clockwise: Increase brightness.
- Turn counter-clockwise: Decrease brightness.
- Press: Switch backlight mode (18 modes available).
- Long Press: Turn on/off the backlight.
- FN + Turn clockwise: Speed up flow effect.
- FN + Turn counter-clockwise: Slow down flow effect.

- **Right Knob (Volume Control):**

- Turn clockwise: Turn up volume.
- Turn counter-clockwise: Turn down volume.
- Press: Mute/Unmute audio.

2 Multi-Function Knobs

Right Knob

- ① Turn the Knob: Turn up/Down the volume.
- ② Press the Knob: Mute/Unmute.



Left Knob

- ① Turn the Knob: Increase/Decrease the brightness of the backlight.
- ② FN+Turn the Knob: Speed up/Slow down the backlight.
- ③ Press the Knob: Switch the backlight mode.
- ④ Long Press the Knob: Turn on/off the backlight.

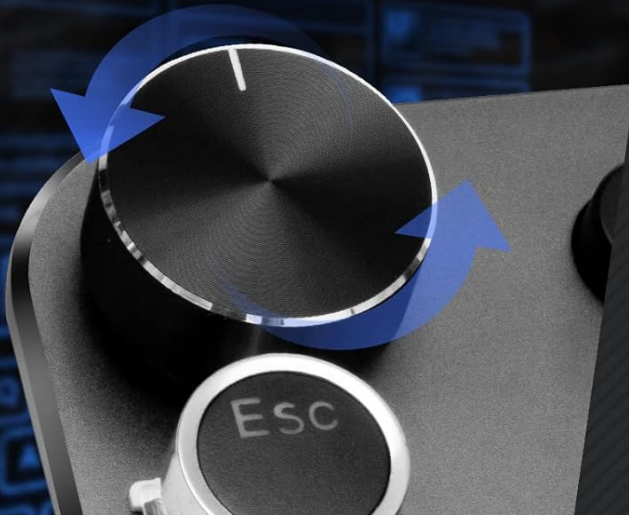


Figure 4.1: Multi-Function Knobs

4.2 True RGB Backlighting

The WM87 features true RGB backlighting with adjustable colors for each key, brightness, and flow speed. This provides a vibrant and customizable lighting experience.

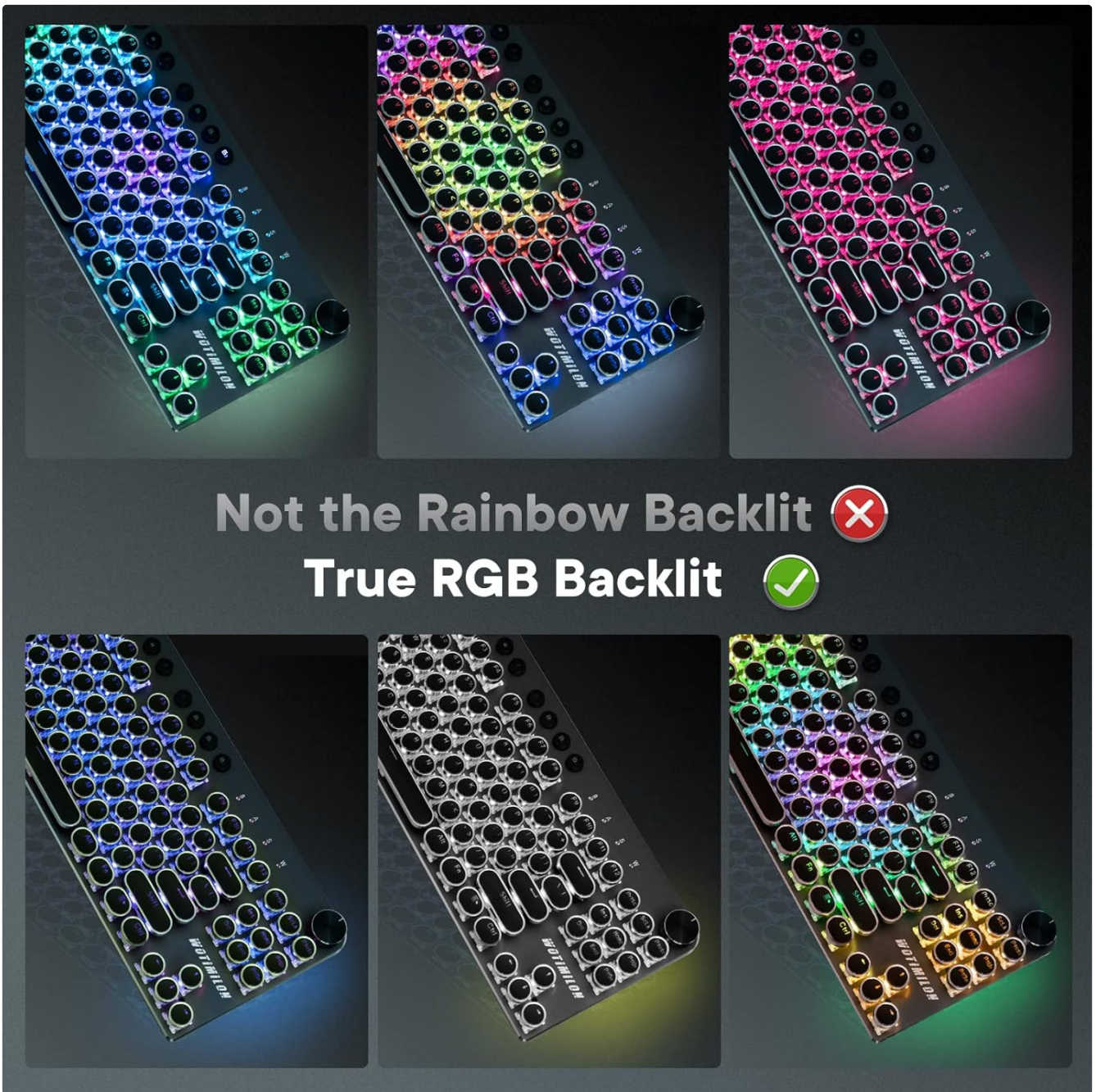


Figure 4.2: True RGB Backlighting Examples

4.3 DIY Software Customization

Customize your keyboard further using the dedicated software (currently available for Windows systems only). The software allows you to:

- Set custom backlight patterns and colors.
- Customize or reset key functions.
- Record macro keys for complex commands.
- Sync backlight effects with your music.



Figure 4.3: Keyboard Driver Software Interface

5. MAINTENANCE

5.1 Cleaning

To maintain your keyboard's appearance and functionality:

- Use a soft, dry cloth to wipe down the keycaps and keyboard surface regularly.
- For deeper cleaning, use a can of compressed air to remove dust and debris from between the keycaps.

5.2 Keycap Removal and Switch Access

The WM87 uses true mechanical blue switches. If you need to clean under the keycaps or replace them, use the included keycap puller:

1. Gently place the keycap puller over the keycap you wish to remove.
2. Apply even pressure and pull straight up to detach the keycap.
3. To reattach, align the keycap with the switch stem and press down firmly until it clicks into place.

80% Space Saving Layout

Connects with up to 3 devices via Bluetooth. Compatible with Pad/Laptop/Phone (Win/Mac)



Figure 5.1: True Mechanical Blue Switches

6. TROUBLESHOOTING

If you encounter issues with your WM87 keyboard, please refer to the following common solutions:

Issue	Possible Cause	Solution
Keyboard not connecting via Bluetooth/2.4Ghz	Incorrect pairing mode, low battery, interference.	Ensure correct pairing mode (FN+B1/B2/B3 or FN+G). Charge the keyboard fully. Move closer to the device or away from other wireless signals.
Keys not responding or intermittent response	Low battery, debris under keycap, software issue.	Charge the keyboard. Use the keycap puller to remove and clean under the affected keycap. If using Windows, ensure the DIY software is updated.
Backlight not working or flickering	Low battery, incorrect setting, software issue.	Charge the keyboard. Use the left knob to cycle through modes or adjust brightness. Check DIY software settings if applicable.

Issue	Possible Cause	Solution
Volume knob not working	Software conflict, device settings.	Ensure the keyboard is properly connected. Check your device's audio settings. Restart your device.

7. SPECIFICATIONS

Feature	Detail
Model	WM87
Connectivity	Type-C Wired / Bluetooth 5.0 / 2.4Ghz
Keyboard Description	Wireless Typewriter Mechanical Gaming Keyboard
Number of Keys	87
Switch Type	True Mechanical Blue Switch
Backlighting	True RGB (18 modes)
Control Knobs	2 (Backlight & Volume)
Compatible Devices	Laptop, PC, Tablet, Smartphone (Windows / macOS / Android)
Product Dimensions	12 x 6.1 x 1.29 inches
Item Weight	2.2 pounds
Batteries	1 Lithium Ion batteries required (included)

8. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the manufacturer's official website or contact their customer service directly. Details are typically provided on the product packaging or within the full user manual included in the box.