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MelGeek 83keys

MelGeek O2 Wireless Mechanical Keyboard User Manual

Model: 83keys | Brand: MelGeek

INTRODUCTION

The MelGeek O2 Wireless Mechanical Keyboard is designed for seamless compatibility and enhanced productivity across various operating systems, including macOS, Windows, and Linux. Inspired by classic aesthetics, its transparent PC top cover and rounded corners offer a visually pure and elegant design. This 75% compact keyboard features hot-swappable, pre-lubed linear switches for a quiet and smooth typing experience, making it ideal for work, gaming, and everyday use.



Figure 1: MelGeek O2 Wireless Mechanical Keyboard. This image displays the full layout of the keyboard, highlighting its compact 75% design with white keycaps and accent keys in orange (ESC) and blue (ENTER).

WHAT'S IN THE BOX

Upon unboxing your MelGeek O2 keyboard, please verify that all the following components are included:

- 1 x MelGeek Mechanical Keyboard
- 1 x Type C Cable (for wired connection and charging)
- 1 x Keycap Puller (for easy keycap removal)
- 1 x User Manual (this document)

- 1 x 2.4G Dongle (for wireless connectivity)



Figure 2: Contents of the MelGeek O2 Keyboard Box. This image shows the keyboard, USB-C cable, keycap puller, 2.4G dongle, and user manual laid out neatly.

Your browser does not support the video tag.

Video 1: MelGeek O2 Unboxing. This video demonstrates the unboxing process of the MelGeek O2 keyboard, showcasing the packaging and included accessories.

SETUP

Initial Charging

Before first use, it is recommended to fully charge the keyboard. Connect the provided USB-C cable to the keyboard's USB-C port and the other end to a power source (e.g., computer USB port, wall adapter). The charging indicator light will show the charging status.

Adjusting Keyboard Height

The MelGeek O2 features snap-on magnetic foot pads, allowing you to adjust the keyboard to two different heights for optimal typing comfort and to reduce wrist pressure. Simply attach or detach the magnetic pads to achieve your preferred typing angle.



2500mAh Battery + Ultra-Low Power = Long-Lasting Performance

Up to 13 Months per Charge
(Bluetooth power-saving mode, 8h/day)

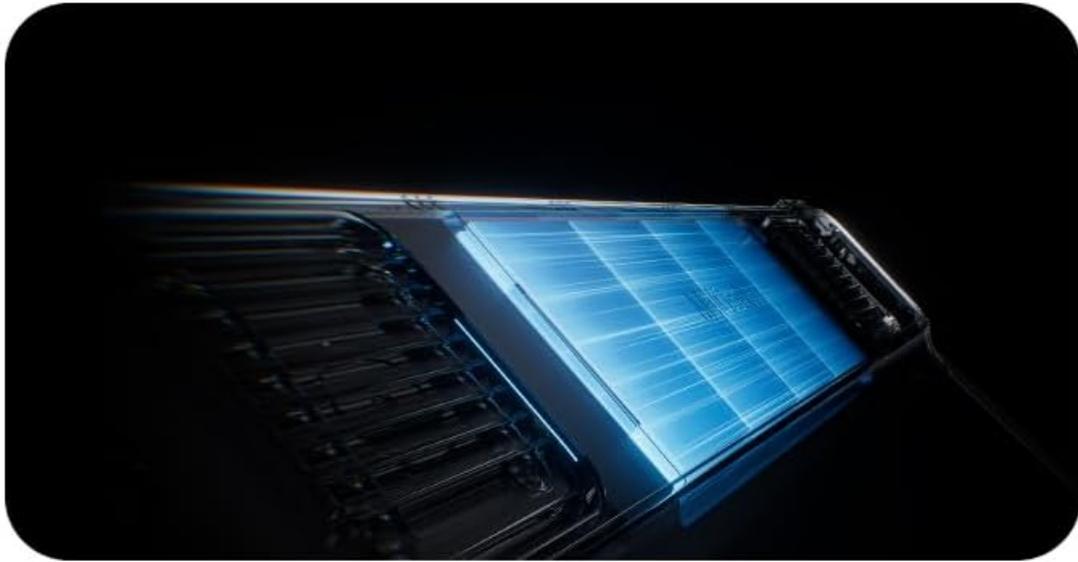


Figure 3: Magnetic Pads for Height Adjustment. This image illustrates the magnetic foot pads located on the underside of the keyboard, which can be easily attached or removed to change the typing angle.



Kailh Sunlight Switch

Exclusive MelGeek × Kailh design
Transparent shell for brilliant lighting

Smooth, quiet,
and easy on the fingers —
ideal for long typing sessions



Figure 4: Side Pads for Hassle-Free Setup. This image shows the keyboard placed on top of a laptop, demonstrating how the side pads allow for stable stacking without accidental key presses.

OPERATING INSTRUCTIONS

Connectivity Modes

The MelGeek O2 keyboard offers triple-mode connectivity for versatile use:

- **2.4GHz Wireless:** For a stable, low-latency connection (1000Hz polling rate). Insert the included 2.4G dongle into your device's USB port. The keyboard will automatically connect.
- **Bluetooth 5.0:** Connects to up to 3 devices simultaneously. Switch the keyboard to Bluetooth mode and initiate pairing on your device. The keyboard supports quick switching between paired devices.
- **Wired (USB-C):** Connect the keyboard directly to your device using the USB-C cable for a reliable, zero-latency connection and simultaneous charging.



Magnetic Pads



Figure 5: Triple Modes Stable Connection. This image highlights the keyboard's ability to connect via 2.4G, Bluetooth, or USB-C, ensuring stable and reliable performance.

Battery Life and Power Saving

Equipped with a 2500mAh battery, the O2 keyboard offers long-lasting performance. In Bluetooth mode, with 8 hours of daily use, the battery can last up to 13 months on a single charge. A smart sleep mode is included to conserve power when the keyboard is idle.



Triple Modes Stable Connection

2.4G & Wired: 1000Hz | Bluetooth: 8ms

Instant wake-up, no key loss



Figure 6: 2500mAh Battery + Ultra-Low Power. This image visually represents the keyboard's internal battery, emphasizing its capacity for extended use.

Mac Native Layout and Shortcuts

The O2 keyboard is designed with a familiar layout, including the same F-key row and pre-mapped Command/Option keys, providing quick and easy access for Mac users. The ESC key is true-to-size and true-to-place, ensuring a seamless transition from native Mac keyboards.



Native F-Key Design for MAC



Figure 7: Native F-Key Design for MAC. This image compares the O2 keyboard's F-key row with a standard Mac keyboard, highlighting its native compatibility.

Custom Backlight & Programmable Shortcuts

The keyboard features RGB backlighting, allowing for per-key lighting customization. Utilize the MelGeek in-house driver software to personalize key functions and create custom shortcuts, enhancing your workflow and gaming experience.

MelGeek

Side Pads Hassle-Free Setup

No need to realign or worry
about pressing keys when stacking.

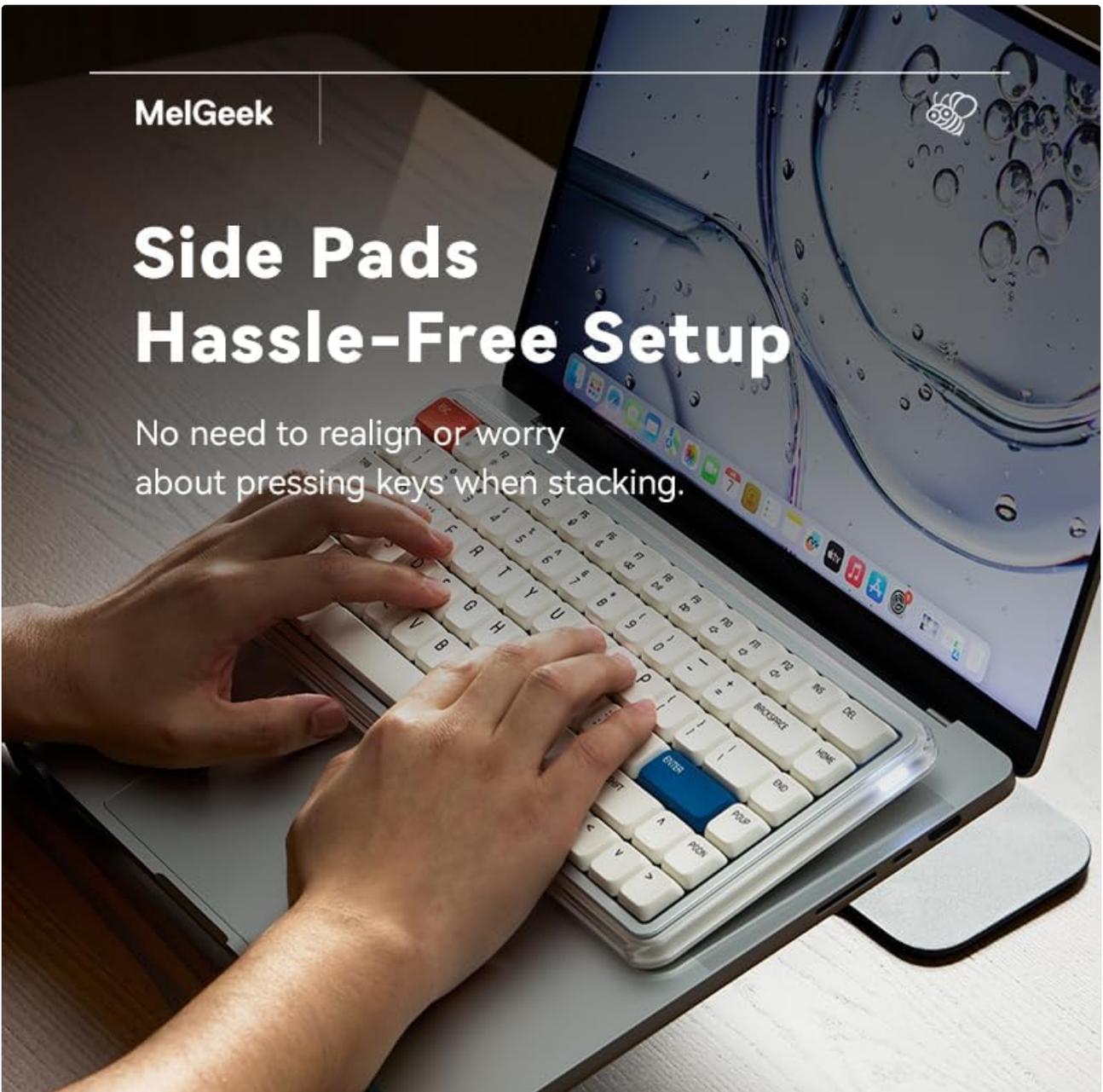


Figure 8: Custom Backlight & Shortcuts. This image shows the keyboard connected to a monitor displaying the MelGeek software interface for customizing lighting and shortcuts.

KEY FEATURES

Kailh Sunlight Switches

The MelGeek O2 is equipped with custom Kailh Sunlight Switches. These pre-lubed linear switches provide a smooth 45g actuation, resulting in a quieter typing experience compared to traditional mechanical switches. The transparent shell allows for brilliant lighting effects.



Custom Backlight & Shortcuts



Per-key lighting and programmable functions.

Figure 9: Kailh Sunlight Switch. This close-up image shows a single Kailh Sunlight switch, highlighting its transparent design and internal components.

Your browser does not support the video tag.

Video 2: MelGeek O2 Typing Test. This video provides an audio demonstration of the keyboard's typing sound, showcasing the quiet nature of the Kailh Sunlight switches.

Enhanced Typing Experience

The keyboard features durable PBT keycaps that are resistant to sweat and oil stains, providing a more contoured feel for smoother typing. The internal structure includes a gasket mount and 5-layer dampening, contributing to the quiet acoustics and comfortable typing feel, suitable for various environments.

MAINTENANCE

To ensure the longevity and optimal performance of your MelGeek O2 keyboard, follow these maintenance guidelines:

- **Cleaning:** Regularly clean the keycaps and keyboard surface with a soft, dry, lint-free cloth. For deeper cleaning, use the provided keycap puller to remove keycaps and clean underneath with compressed air or a

small brush. Avoid using harsh chemicals or abrasive materials.

- **Battery Care:** To maximize battery lifespan, avoid fully discharging the battery frequently. Charge the keyboard when the battery indicator is low. If storing the keyboard for an extended period, charge it to about 50% before storage.
- **Storage:** Store the keyboard in a cool, dry place away from direct sunlight and extreme temperatures.

TROUBLESHOOTING

If you encounter any issues with your MelGeek O2 keyboard, please refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Keyboard not connecting via Bluetooth.	Not in pairing mode, out of range, interference, or device limit reached.	Ensure keyboard is in Bluetooth pairing mode. Move closer to the device. Disconnect other Bluetooth devices. Ensure you haven't exceeded the 3-device limit.
2.4GHz wireless connection unstable.	Interference from other wireless devices, dongle not properly inserted.	Ensure the 2.4G dongle is fully inserted. Try a different USB port. Move the keyboard closer to the dongle. Minimize interference from other wireless devices.
Keys not responding.	Low battery, connectivity issue, or switch malfunction.	Charge the keyboard. Re-establish connection (Bluetooth, 2.4G, or wired). If a specific key is not working, it might be a switch issue; contact support.
Backlight not working or dim.	Backlight turned off, low battery, or software setting.	Check keyboard shortcuts for backlight control. Charge the keyboard. Verify backlight settings in the MelGeek software.

SPECIFICATIONS

Feature	Detail
Product Dimensions	12.84 x 4.78 x 1.24 inches
Item Weight	2.51 pounds
Manufacturer	MelGeek
ASIN	B0F4K59P7H
Country of Origin	China
Item Model Number	83keys
Batteries	1 Lithium Ion batteries required. (included)
Date First Available	April 14, 2025
Brand	MelGeek

Feature	Detail
Compatible Devices	Laptop, PC, Tablet, Smartphone
Connectivity Technology	Bluetooth, 2.4G wireless, USB-C
Keyboard Description	Mechanical, Gaming
Recommended Uses For Product	Multimedia, Everyday Use, Personal, Student, Gaming, Business
Special Feature	Portable, Programmable Keys, Rechargeable, Hot-Swappable
Color	white
Number of Keys	83
Keyboard Backlighting Color Support	RGB
Style	Transparent

WARRANTY AND SUPPORT

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