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> [MONSGEEK M1W V3 HE Gaming Keyboard Magnetic Switch Rapid Trigger Mechanical Keyboard Bluetooth 2.4GHz Wired Gasket Mount RGB Aluminum Keyboard for Mac/Win \(Horizon Blue Creamy Yellow Magnetic Switch\)](#)

## MONSGEEK M1W V3 HE

# MONSGEEK M1W V3 HE Gaming Keyboard User Manual

Model: M1W V3 HE | Brand: MONSGEEK

## 1. INTRODUCTION

Welcome to the MONSGEEK M1W V3 HE Gaming Keyboard user manual. This document provides detailed instructions to help you set up, operate, and maintain your new high-performance mechanical keyboard. Designed for gamers and enthusiasts, the M1W V3 HE features advanced magnetic switches, rapid trigger technology, and multiple connectivity options for a superior typing and gaming experience.



Figure 1: MONSGEEK M1W V3 HE Gaming Keyboard Overview

## 2. KEY FEATURES

The MONSGEEK M1W V3 HE keyboard is equipped with several innovative features to enhance your performance:

- **8k Hz Polling Rate:** Experience ultra-low latency with an 8000Hz polling rate, transmitting operational data 8 times faster for near-zero delay.

# [ 8k Hz Polling Rate ]



## Average Response Time

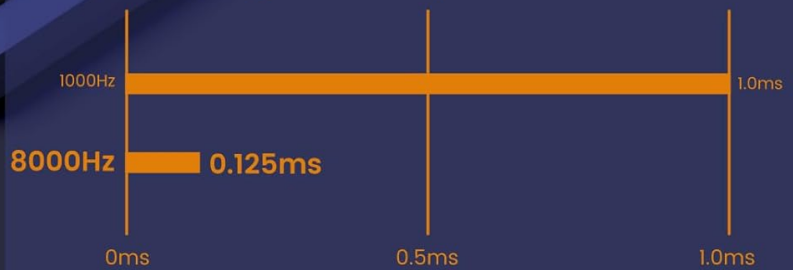


Figure 2: 8k Hz Polling Rate for enhanced responsiveness

- **Rapid Trigger (0.1mm~2.5mm):** Customize actuation and deactivation points for lightning-fast response times, crucial for competitive gaming.

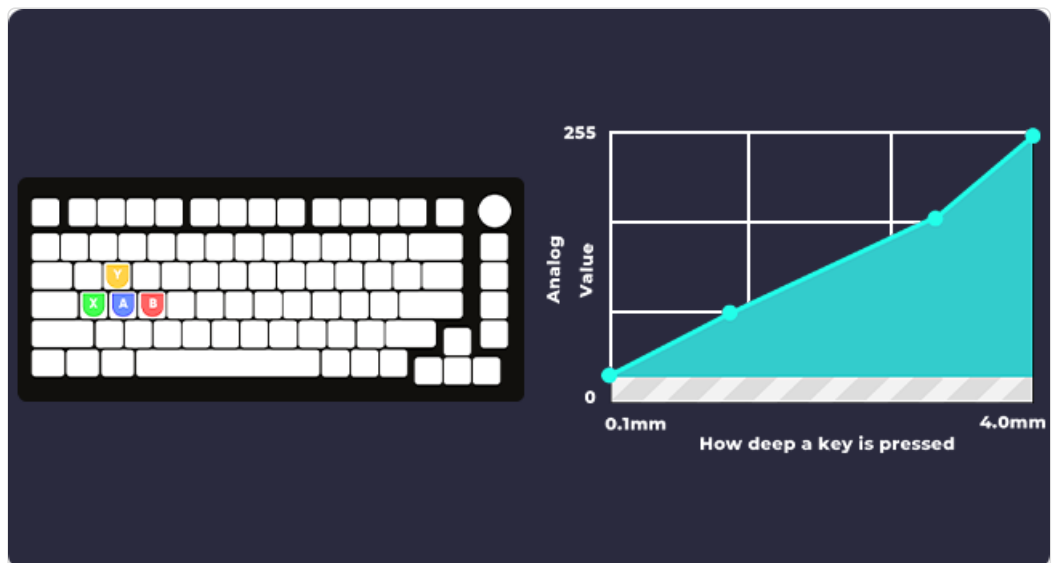


Figure 3: Rapid Trigger actuation range

- **DKS (Dynamic Keystrokes):** Offers four key operations, allowing customization of key pressure for different

actions. A light press triggers action 1, a deeper press activates action 2, and releasing the key supports a two-stage setting.



Figure 4: Dynamic Keystrokes (DKS) in action

- **Toggle Key (TGL):** Switch between two modes: continuously holding a key/function or triggering it multiple times rapidly.

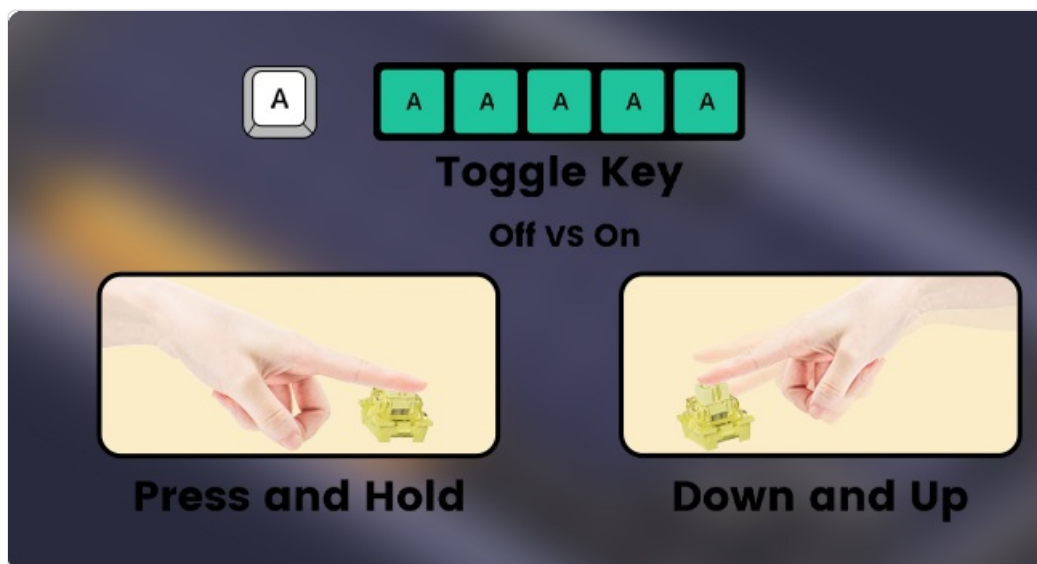


Figure 5: Toggle Key operation modes

- **On-board Memory:** Save your preferred settings directly on the keyboard hardware, eliminating the need for constant software presence.
- **Snap Key:** Implements SOCD (Simultaneous Opposite Cardinal Directions) to prioritize the most recent keypress for fluid directional changes in games.

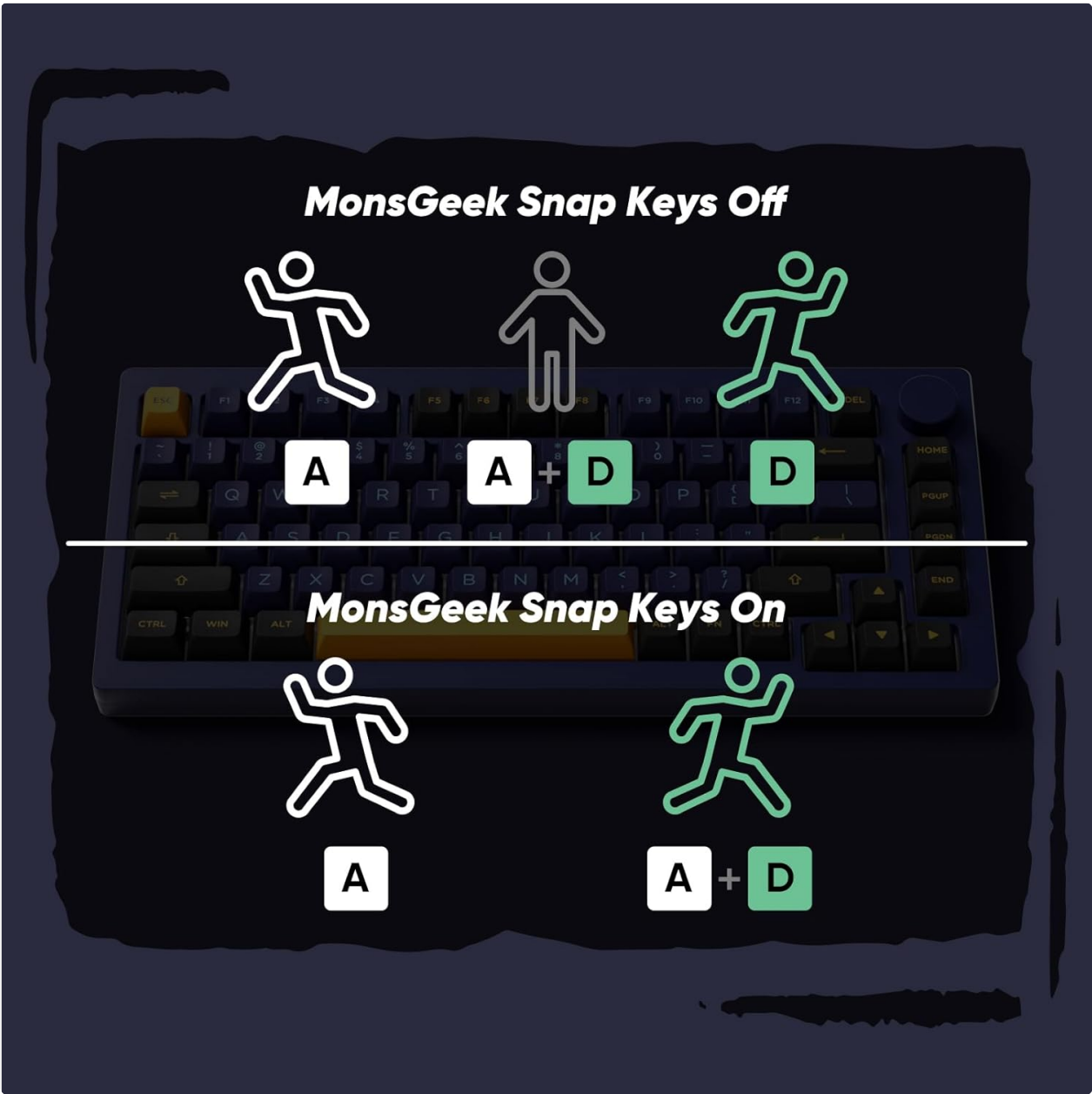


Figure 6: Snap Key for precise movement control

- **Magnetic Switches:** Utilizes Hall effect sensing for precise and durable key actuation.

## More powerful Magnetic Switches V2

Applying for the electromagnetic principle,  
operated by Hall effect sensing.



Figure 7: Magnetic Switch V2 components

- **Upgraded Knob:** A durable, metal rotary knob for volume control and other functions.



Figure 8: Fully Upgraded Knob

### 3. SETUP AND CONNECTIVITY

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Your M1W V3 HE keyboard offers versatile connectivity options:

- **Multi-Connection Modes:** Supports 2.4GHz wireless, Bluetooth, and USB-C wired connections.
- **Bluetooth Pairing:** Store up to 3 Bluetooth devices simultaneously.



Figure 9: Multi-Modes Connection Overview

### Switching Between Modes (Wired/Wireless, Mac/Windows)

To switch between wired (USB), 2.4GHz wireless, and Bluetooth modes, or between Windows and Mac layouts, you will need to access a small physical switch located under the Caps Lock key. Carefully remove the Caps Lock keycap to reveal this switch. Move the switch to the desired position:

- **Up:** Wireless Mac mode
- **Middle:** Wired (USB) mode
- **Down:** Wireless Windows mode

After selecting the desired mode, replace the Caps Lock keycap.

## 4. CUSTOMIZATION AND SOFTWARE

The M1W V3 HE keyboard offers extensive customization through its dedicated driver software:

- **Actuation Point Adjustment:** Fine-tune the actuation and deactivation points of individual keys from 0.1mm to 2.5mm for personalized responsiveness.

- **Dynamic Keystrokes (DKS) Configuration:** Program up to four different actions per key based on press depth.
- **Toggle Key (TGL) Setup:** Configure keys to toggle between states or repeat actions.
- **RGB Lighting:** Customize the full RGB backlighting with various effects and colors.
- **On-board Memory:** Save your custom profiles directly to the keyboard's memory for use without the software running.
- **Knob Functionality:** The upgraded metal knob can be programmed for various functions beyond volume control, such as media playback or zoom.



Figure 10: Customization options for a great gaming experience

## 5. MAINTENANCE

Proper maintenance ensures the longevity and performance of your keyboard:

- **Keycap and Switch Removal:** The keyboard features hot-swappable magnetic switches. Use the included keycap puller and switch puller to carefully remove keycaps and switches for cleaning or replacement.



Figure 11: Magnetic Switch for easy replacement

- **Cleaning:** Regularly clean dust and debris from between the keycaps using compressed air. For deeper cleaning, remove keycaps and gently wipe the surface with a damp, lint-free cloth. Avoid excessive moisture.

## 6. TROUBLESHOOTING

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

- **Connectivity Issues:** Ensure the mode switch under the Caps Lock key is set correctly for your desired connection (Wired, 2.4GHz, Bluetooth) and operating system (Mac/Windows). For wireless connections, check

battery level and dongle connection.

- **Software Recognition:** If the keyboard software does not recognize the device, try reinstalling the software or connecting via USB-C. Ensure you are using the correct local-based driver if web-based VIA is not working.
- **Keys Not Registering / Double-Clicking:** This can sometimes occur with magnetic switches if keys are 'leaned' on. Adjusting the actuation point in the software may help. Ensure the switches are properly seated.
- **RGB Brightness:** If RGB appears dim, check software settings for brightness levels.

## 7. SPECIFICATIONS

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Feature	Detail
Brand	MONSGEEK
Model Number	M1W V3 HE
Connectivity Technology	Bluetooth, PS/2, RF, USB-A
Keyboard Description	Gaming
Special Features	Backlit, Hotkeys and Media Keys, Programmable Keys, Customizable Display Keys, Hot-Swappable
Color	Horizon Blue (RGB Backlighting)
Number of Keys	104
Material	Aluminum
Item Weight	5.59 pounds
Package Dimensions	15.9 x 9.4 x 3.1 inches
Batteries	1 Lithium Ion battery required (included)
Compatible Devices	Laptop, PC, Gaming Console, Tablet, Smartphone

## 8. WARRANTY AND SUPPORT

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For warranty information and technical support, please refer to the documentation included with your product packaging or visit the official MONSGEEK website. MONSGEEK is committed to providing high-quality products and customer satisfaction.