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› MCHOSE Jet 75 Rapid Trigger Keyboard User Manual

MCHOSE MC-Jet75-8

MCHOSE Jet 75 Rapid Trigger Keyboard User Manual

Model: MC-Jet75-8

PRODUCT OVERVIEW

The MCHOSE Jet 75 is a high-performance 75% mechanical gaming keyboard designed for competitive play. It features advanced Hall Effect magnetic switches, rapid trigger technology, and customizable actuation points to provide an ultra-responsive and precise gaming experience. This manual provides detailed instructions for setup, operation, maintenance, and troubleshooting.



Key Features:

- **0.1ms Ultra-Low Latency:** Achieved with an 8000Hz polling rate and 128K scan rate, powered by a custom high-frequency, Esports-level chip and Algorithm 2.0.
- **True 0.005mm Precision:** Magnetic switch technology ensures precise input across the entire key travel.
- **Kailh Magnetic God Switches:** Designed for instant actuation, superior responsiveness, and long-lasting durability.
- **Rapid Trigger:** Dynamically adjusts actuation and deactivation points, allowing keys to activate and deactivate based on intent rather than fixed points.
- **Adjustable Actuation:** Full control over actuation points from 0.1mm to 4.0mm.
- **Rappy Snappy:** Monitors selected keys to activate the key pressed furthest, enhancing movement and timing in games.
- **Floating Keycap Design:** Enhances aesthetics and simplifies cleaning.
- **Rich Key Functionality:** Customizable dynamic key travel, key macros, and advanced features like SOCD, RS, DKS, MT, and TGL.

PACKAGE CONTENTS

Upon opening the package, please ensure all the following items are present:

- 1x MCHOSE Jet 75 Keyboard
- 1x User Guide (this manual)
- 1x Type-C Cable
- 1x Keycap Puller
- 2x Spare Switches
- 1x Dust Cover

SETUP

Connecting the Keyboard:

1. Locate the USB Type-C port on the back of the MCHOSE Jet 75 keyboard.
2. Connect one end of the provided Type-C cable to the keyboard's port.
3. Connect the other end of the Type-C cable to an available USB port on your PC.
4. The keyboard will be automatically recognized by your operating system.

Software Installation (M HUB):

For full customization and access to advanced features, download and install the M HUB software (Web Driver / App Driver) from the official MCHOSE website. This software allows you to:

- Adjust actuation points (0.1mm to 4.0mm).
- Configure Rapid Trigger sensitivity.
- Create and manage key macros.
- Customize RGB lighting effects.
- Access advanced dynamic keystroke features (SOCD, RS, DKS, MT, TGL).

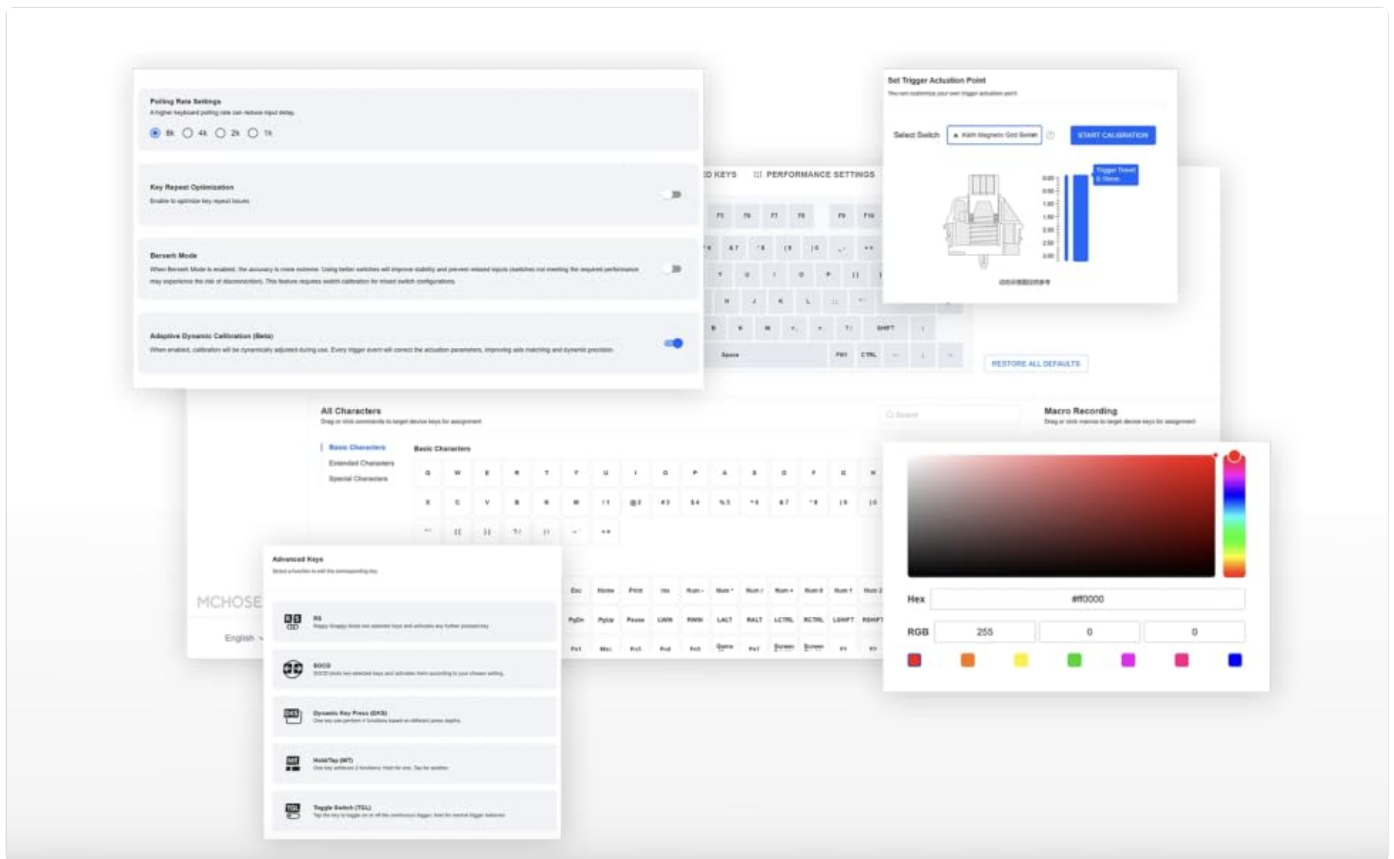


Image: Screenshot of the MCHOSE M HUB software interface, showing options for polling rate, key remapping, performance settings, and RGB color selection.

OPERATING INSTRUCTIONS

Understanding Hall Effect Switches:

The MCHOSE Jet 75 utilizes Hall Effect magnetic switches, which detect key presses based on magnetic fields rather than physical contact. This allows for highly precise and customizable actuation points, as well as rapid trigger functionality.



Image: Diagram illustrating the internal mechanism of a Hall Effect magnetic switch, showing the magnetic field interaction.

Adjustable Actuation:

The actuation point, the distance a key needs to travel to register a press, can be adjusted from 0.1mm to 4.0mm. A shorter actuation point (e.g., 0.1mm) provides faster response times, ideal for competitive gaming. A longer actuation point (e.g., 4.0mm) can help prevent accidental key presses.

Rapid Trigger: 0.01mm Sensitivity

With Rapid Trigger, effortlessly repeat key presses mid-motion without hitting a fixed reset or actuation point, while Rapid Stop Mode enables 0.005mm sensitivity, allowing almost instant response times and eliminating delay, ideal for precise movements in FPS Games

Gaming Mode

0.005mm Active



Regular Mode

0.01mm Active

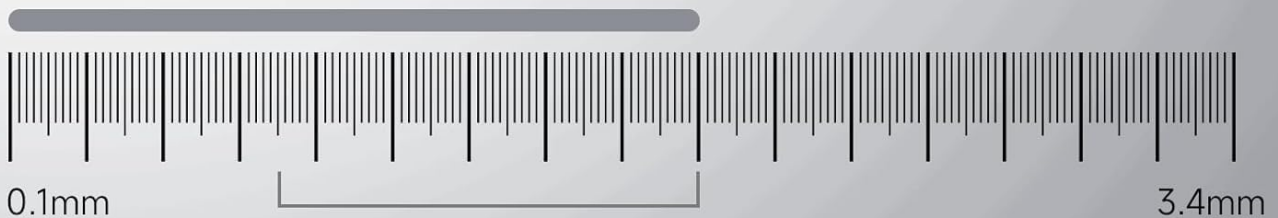


Image: Diagram explaining adjustable actuation, showing a switch component and a ruler indicating actuation range from 0.1mm to 3.4mm.

Rapid Trigger Functionality:

Rapid Trigger eliminates the need for a fixed reset point. A key deactivates as soon as it begins to rise, allowing for extremely fast repeated inputs. This is particularly beneficial for movements like strafing or rapid-fire actions in games.



Image: Diagram illustrating Rapid Trigger sensitivity, comparing Gaming Mode (0.005mm active) and Regular Mode (0.01mm active) across a 0.1mm to 3.4mm travel range.

Dynamic Keystroke Features (DKS, MT, TGL, SOCD, RS):

- **DKS (Dynamic Keystroke):** Allows different actions to be assigned based on how far a key is pressed.
- **MT (Macro Tap):** Enables macro execution with a single tap.
- **TGL (Toggle):** Toggles a function on/off with a key press.
- **SOCD (Simultaneous Opposite Cardinal Directions):** Resolves conflicting directional inputs (e.g., pressing left and right simultaneously) for fighting games or movement.
- **RS (Rappy Snappy):** Monitors multiple keys and activates the one pressed furthest, useful for advanced movement techniques.

These features are configurable via the M HUB software.

MAINTENANCE

Cleaning the Keyboard:

- **General Cleaning:** Use a soft, dry, lint-free cloth to wipe down the keyboard surface.
- **Keycap Cleaning:** For deeper cleaning, use the provided keycap puller to carefully remove keycaps. Clean them with a mild soap solution and water, then ensure they are completely dry before reattaching.
- **Under Keycaps:** Use compressed air to remove dust and debris from underneath the keycaps and around the switches.
- **Avoid Liquids:** Do not spray cleaning solutions directly onto the keyboard. Apply to a cloth first.



Image: MCHOSE Jet 75 keyboard shown with a keycap puller, demonstrating how to remove keycaps for cleaning or switch replacement.

Switch Replacement:

The MCHOSE Jet 75 features hot-swappable switches. If a switch becomes faulty, you can replace it using the provided spare switches or compatible Kailh Magnetic God switches.

1. Carefully remove the keycap of the faulty switch using the keycap puller.

- 2. Use a switch puller (not included, but commonly available) to gently pull the switch straight up from the PCB.
- 3. Align the pins of the new switch with the holes on the PCB and press it firmly into place until it clicks.
- 4. Reattach the keycap.

TROUBLESHOOTING

- **Keyboard Not Responding:**
 - Ensure the USB Type-C cable is securely connected to both the keyboard and the PC.
 - Try connecting the keyboard to a different USB port on your PC.
 - Restart your computer.
 - Test the keyboard on another computer if possible to rule out PC-specific issues.
- **Keys Not Registering or Double-Typing:**
 - Check for any debris under the affected keycap. Clean as per the Maintenance section.
 - If a specific switch is faulty, consider replacing it (refer to Switch Replacement).
 - Ensure the M HUB software is up to date and try recalibrating the switches if an option is available.
- **RGB Lighting Not Working:**
 - Verify RGB settings within the M HUB software.
 - Ensure no software conflicts are present (e.g., other RGB control software).
- **Software (M HUB) Issues:**
 - Ensure you have downloaded the correct version of M HUB for your operating system.
 - Try reinstalling the M HUB software.
 - Check the MCHOSE website for FAQs or support resources related to the software.

SPECIFICATIONS

Feature	Detail
Model	MC-Jet75-8
Keyboard Layout	75% Compact
Switch Type	Kailh Magnetic God Switch (Hall Effect)
Keycaps	PBT Backlit
Actuation Range	0.1mm - 3.4mm (Adjustable)
Rapid Trigger Sensitivity	0.005mm (Gaming Mode), 0.01mm (Regular Mode)
Latency	0.1ms
Polling Rate	8000Hz (8K)
Scan Rate	128K
Sensor	Custom Hall Effect Sensor

Connectivity	Wired (USB Type-C)
RGB Lighting	North-facing RGB LED Lights
Structure	Gasket Mount
Internal Foam	Aluminum alloy positioning plate + Sound-absorbing pads + Silicone bottom pad
On-board Memory	Supported
Weight	Approx. 1.03 kg (1030g)
Dimensions (L x W x H)	322 x 136.9 x 40.7 mm (Front height: 19.1mm)
Compatible Devices	PC
Origin	China



Esports Gasket Mount

Color	White	Black/White Topographic	White	Black/White Topographic
Switch	Starburst	Starburst	Kailh God	Kailh God
Keycaps	PBT Backlit	Topographic Backlit	PBT Backlit	Topographic Backlit
Features	Fully Self-Developed 8 Major Music Rhythms 2.0			
Accuracy	0.005mm			
RT Range	0.005-3.4mm			
Actuation Range	0.1-3.4mm			
Calibration Method	Adaptive Dynamic Calibration			
Latency	0.1ms			
Polling Rate	8K			
Scan Rate	128K			
Chipset	Custom High-Frequency Esports-Grade Chip			
Sensor	Custom Hall Effect Sensor			
Dynamic Keystroke	SOCD, RS, DKS, MT, TGL, Key macros			
Hub	Self-developed M HUB (Web Driver / App Driver)			
RGB LED Lights	North-facing RGB LED Lights			
Connectivity	Wired			
Structure	Gasket			
Internal Foam	Aluminum alloy positioning plate+Sound-absorbing pads+Silicone bottom pad			
On-board Memory	Support			
Weight	1030±30g			
Size	322 x 136.9 x 40.7mm Front height: 19.1mm			
Package	1* Jet75 Keyboard, 1* User Guide, 1* Type-C Cable, 1* Puller, 2* Spare Switches, 1* Dust Cover			

Image: Left - Exploded view of a Kailh Magnetic God Switch showing its components and materials. Right - Diagram illustrating the layered structure of the Esports Gasket Mount system within the keyboard.

WARRANTY AND SUPPORT

MCHOSE products are designed for durability and performance. For information regarding warranty coverage, please refer to the warranty card included with your product or visit the official MCHOSE website. Keep your purchase receipt as proof of purchase for warranty claims.

Customer Support:

If you encounter any issues not covered in this manual or require further assistance, please contact MCHOSE customer support through their official website or the contact information provided on your product packaging.

For the latest drivers, firmware updates, and FAQs, please visit the official MCHOSE website[MCHOSE Official Store](#)

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question