

MOTOSPEED CK108

MOTOSPEED CK108 RGB LED Backlit Wired Mechanical Gaming Keyboard User Manual

Brand: MOTOSPEED | Model: CK108

1. INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your MOTOSPEED CK108 RGB LED Backlit Wired Mechanical Gaming Keyboard. The CK108 is a 108-key compact mechanical keyboard featuring hot-swappable Outemu switches, an aluminum base, upgraded sockets, and noise-absorbing foams for enhanced durability and responsiveness. It offers vibrant RGB backlighting with multiple effects and full N-key rollover for precise input.

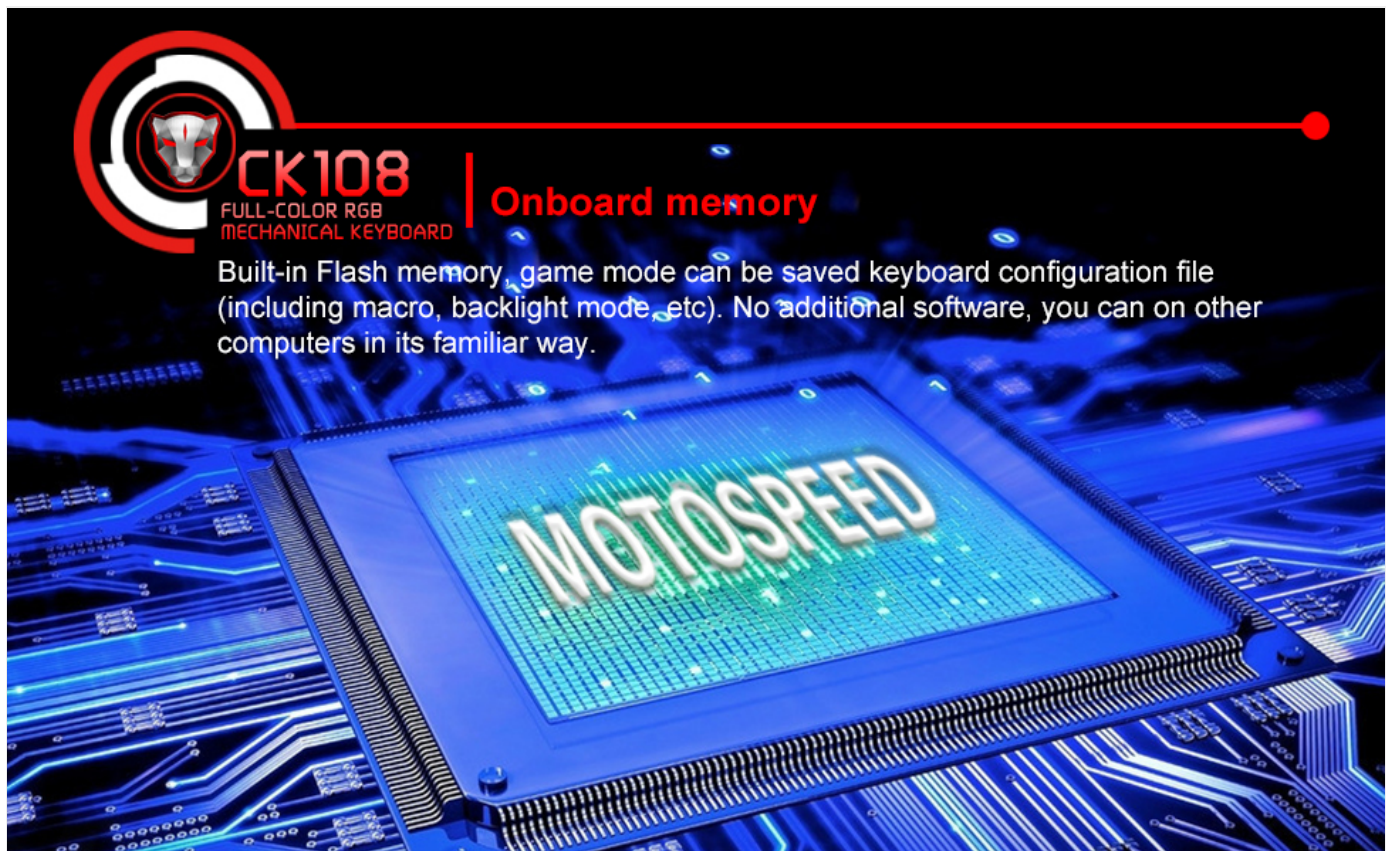


Figure 1: MOTOSPEED CK108 Keyboard with detachable wrist rest and RGB lighting.

2. KEY FEATURES

- **Mechanical Switches:** Equipped with custom mechanical Outemu switches, tested for 50 million keystrokes, offering durability and responsiveness.
- **Hot-Swappable Design:** Allows for easy replacement of switches without soldering, enabling customization and maintenance.
- **RGB Backlighting:** Features 14 backlit effects and supports custom recording key backlight functions. Double-shot injection molded keycaps ensure transparent and durable backlighting.
- **108 Responsive Keys:** Full N-key rollover and anti-ghosting ensure all key presses are registered accurately, even during rapid input.
- **Durable Construction:** Compact ergonomic design with a high-quality durable ABS construction and an aluminum base.
- **Onboard Memory:** Built-in Flash memory allows saving game mode and keyboard configuration files (including macros and backlight modes) for use on different computers without additional software.
- **Multimedia Control:** Integrated multimedia control functions for convenience.

3. SETUP

3.1 Package Contents

- MOTOSPEED CK108 Mechanical Gaming Keyboard
- USB-A to USB-C Cable
- Keycap Puller
- Switch Puller
- Replacement Switches (Quantity may vary)
- User Manual

3.2 Connecting the Keyboard

1. Connect the USB-C end of the provided cable to the port on the keyboard.
2. Connect the USB-A end of the cable to an available USB port on your PC.
3. The keyboard will automatically be recognized by your operating system (Windows 2000/XP/Vista/7/8/10). No additional drivers are typically required for basic functionality.



Figure 2: Connecting the MOTOSPEED CK108 Keyboard to a PC.

3.3 Software Installation (Optional)

For advanced customization, including macro programming and detailed RGB lighting control, dedicated software may be available. Please refer to the official website address provided in the manual for software downloads. Note: The programming software does not support MacOS. If you cannot find the software, please contact customer support.

4. OPERATING INSTRUCTIONS

4.1 Function Key Combinations

The CK108 keyboard features various function key combinations for quick access to multimedia and system controls:



Figure 3: Function key combinations for multimedia and system control.

Combination	Function
FN + F1	Media Player
FN + F2	Volume Down
FN + F3	Volume Up
FN + F4	Mute
FN + F5	Stop
FN + F6	Previous Track
FN + F7	Play/Pause
FN + F8	Next Track
FN + F9	Email
FN + F10	Internet Browser
FN + F11	Calculator
FN + F12	Search
FN + WIN	Lock/Unlock WIN Key

4.2 RGB Backlighting Control

The CK108 offers 14 distinct RGB backlit effects. Use the FN key in combination with other keys (refer to the manual for specific key combinations) to cycle through lighting modes, adjust brightness, and change colors. The double-shot injection molded keycaps ensure the backlighting is clear and durable.



Figure 4: Dynamic RGB lighting with 16.8 million colors and multiple effects.

4.3 Anti-Ghosting and N-Key Rollover

The keyboard supports full N-key rollover and anti-ghosting across all 108 keys. This means that every key press is registered independently and accurately, preventing missed inputs during intense gaming or fast typing sessions.



Video 1: This video demonstrates the anti-ghosting capabilities of a mechanical keyboard, showing how multiple simultaneous key presses are registered correctly.

5. MAINTENANCE

5.1 Cleaning the Keyboard

To clean your keyboard, first disconnect it from your PC. Use the provided keycap puller to carefully remove keycaps. Clean the keycaps with a mild cleaning solution and a soft cloth. Use compressed air to remove dust and debris from beneath the keycaps. Reattach the keycaps by pressing them firmly onto the switches.

5.2 Hot-Swapping Switches

The CK108 features hot-swappable switches, allowing you to change them without soldering. Use the provided switch puller to gently remove a switch. Align the pins of the new switch with the holes on the PCB and press firmly until it clicks into place. Ensure the pins are not bent during insertion.



CK108

FULL-COLOR RGB
MECHANICAL KEYBOARD

Design Language

All buttons can be freely programmed to define other keys, arrow keys are interchangeable skills button switch, a key to easily deal with



Figure 5: Hot-swappable mechanical switches for easy customization and replacement.

"Square + arc chamfering"

CK108 has its own unique design language

Under the guidance of a unified design language, CK108 did "hard and soft" to achieve the integration of the curvature of the elegant and tough line! CK108 touch is tempered: Constantly optimize the experience, constantly demanding attention to detail! In the precision stamping technology shape to 53 degrees flexion-extension arc of the metal frame. High-light technology side mechanical keyboard designed to break the shackles of the border, bring a good visual extension.

Light luxury is a kind of cool and comfortable, a pursuit and taste. Like a simple mechanical keyboard, spliced aluminum and ABS plastic material, arc design, the new RGB effect lights, equipped with Motospeed CK2.0 drive system, so as to match your desktop becomes effortless, and arouse your luxury impression. Tailored for gamers-plate, fit fingers curve, let your fingertips with dancing.

Figure 6: Different switch types, such as Black Shaft (fast trigger) and Blue Shaft (crisp tactile feedback), can be hot-swapped.

6. TROUBLESHOOTING

- **Keyboard Not Responding:** Ensure the USB cable is securely connected to both the keyboard and the PC. Try a different USB port or a different cable if available.

- **Backlight Issues:** If the backlight is not functioning correctly, try cycling through the lighting modes using FN key combinations. Ensure the backlight is not turned off.
- **Keys Not Registering:** If specific keys are not working, try hot-swapping the affected switch with a new one or a known working switch to diagnose the issue.
- **Software Issues:** If experiencing problems with the programming software, ensure you have downloaded the correct version for your operating system (Windows only). Reinstall the software or contact support for assistance.

7. SPECIFICATIONS

Feature	Detail
Model	CK108
Keys	108
Switch Type	Mechanical (Outemu Blue Switch)
Connectivity	Wired (USB-A)
Backlight	RGB (14 effects)
Key Rollover	Full N-Key Rollover
Anti-Ghosting	Yes
Compatible Devices	PC
Operating Systems	WIN2000/XP/VISTA/WIN7/WIN8/WIN10 (MacOS software not supported)
Package Dimensions	18.75 x 9.1 x 3.07 inches
Item Weight	2.93 pounds
Manufacturer	MOTOSPEED

8. WARRANTY AND SUPPORT

For warranty information, please refer to the documentation included in your product packaging. If you require technical support, have questions about the product, or need assistance with software, please contact MOTOSPEED customer service. Contact details can typically be found on the manufacturer's website or in the product packaging.

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