

Cooler Master SGK-4020-GKCM3-US

Cooler Master CM Storm QuickFire TK Mechanical Gaming Keyboard User Manual

Model: SGK-4020-GKCM3-US

INTRODUCTION

The Cooler Master CM Storm QuickFire TK is a compact mechanical gaming keyboard engineered for performance and durability. It features high-quality CHERRY MX Brown mechanical switches, vibrant white LED backlighting, and a unique layout that integrates the numeric keypad with the navigation cluster, offering a space-saving design without sacrificing functionality. This manual provides detailed instructions for setting up, operating, maintaining, and troubleshooting your keyboard.

PACKAGE CONTENTS

Please verify that all items are present in your package:

- CM Storm QuickFire TK Mechanical Gaming Keyboard
- Detachable USB Cable

SETUP

Follow these steps to connect your keyboard to your computer:

1. Locate the mini-USB port on the back of the keyboard.
2. Connect the smaller end of the provided USB cable to the keyboard's mini-USB port.
3. Connect the standard USB-A end of the cable to an available USB port on your computer.
4. The keyboard features cable routing grooves on its underside. Route the cable through the central, left, or right channel as desired for optimal desk organization.
5. Your operating system should automatically detect and install the necessary drivers. The keyboard is ready for use once installation is complete.



Image: Top-down view of the Cooler Master CM Storm QuickFire TK mechanical gaming keyboard, illustrating its compact layout and key arrangement.

OPERATING INSTRUCTIONS

CHERRY MX Brown Mechanical Switches

The QuickFire TK is equipped with durable CHERRY MX Brown mechanical switches, known for their tactile feedback and quiet operation. These switches have a lifespan of over 50 million keystrokes, ensuring long-term reliability and consistent performance.

Integrated Numeric Keypad and Navigation Keys

The keyboard's compact design integrates the numeric keypad with the arrow and navigation keys (Home, End, Page Up, Page Down, Insert, Delete). To switch between these functions, use the **Num Lock** key located above the numeric keypad.

- When **Num Lock** is active (indicated by an LED), the keys in this block function as a standard numeric keypad.
- When **Num Lock** is inactive, these keys function as arrow keys and navigation keys.



Image: Angled view of the Cooler Master CM Storm QuickFire TK, showing the combined numeric keypad and navigation key cluster on the right side.

White LED Backlighting

The keyboard features full white LED backlighting with multiple modes and 5 adjustable brightness levels. Use the **FN** (Function) key in combination with the F-keys to control the backlighting:

- **FN + F1**: Decrease backlight brightness.
- **FN + F2**: Increase backlight brightness.
- **FN + F3**: Cycle through backlight modes (e.g., Full Backlight, WASD only, Gaming Cluster, Breathing, Off).
- **FN + F4**: Adjust backlight effect speed (for modes like Breathing).

Multimedia Shortcut Keys

Access multimedia controls quickly using the **FN** key in combination with the F-keys:

- **FN + F5**: Play/Pause media.
- **FN + F6**: Stop media.
- **FN + F7**: Previous track.
- **FN + F8**: Next track.
- **FN + F9**: Mute audio.
- **FN + F10**: Decrease volume.
- **FN + F11**: Increase volume.

Windows Key Lock

To prevent accidental interruptions during gaming, the Windows key can be disabled. Press **FN + F12** (or the key with the Windows logo and lock icon) to toggle the Windows key lock function. An indicator LED will illuminate when the Windows key is locked.

N-Key Rollover (NKRO)

The QuickFire TK supports N-Key Rollover (NKRO) via USB, allowing for unlimited simultaneous key presses. This ensures that every keystroke is registered accurately, even during intense gaming sessions.

MAINTENANCE

Proper maintenance helps extend the lifespan and performance of your keyboard:

- **Cleaning:** Use a soft, dry cloth to wipe down the keyboard surface. For deeper cleaning, you may use a can of compressed air to remove dust and debris from between the keycaps. For stubborn grime, a slightly damp cloth with a mild cleaning solution can be used, ensuring no liquid enters the switches.
- **Keycap Removal:** If necessary, keycaps can be carefully removed using a keycap puller (not included) for thorough cleaning. Exercise caution to avoid damaging the switches.
- **Avoid Liquids:** Do not spill liquids on the keyboard. If a spill occurs, immediately disconnect the keyboard from your computer and allow it to dry completely before reconnecting.
- **Storage:** When not in use for extended periods, store the keyboard in a clean, dry environment away from extreme temperatures.

TROUBLESHOOTING

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

- **Keyboard Not Responding:** Ensure the USB cable is securely connected to both the keyboard and the computer. Try connecting the keyboard to a different USB port. Restart your computer.
- **Backlighting Not Working:** Check if the backlighting is turned off or set to the lowest brightness level using **FN + F1/F2/F3**. Ensure the keyboard is receiving sufficient power from the USB port.
- **Keys Not Registering:** Clean the affected key area to remove any debris that might be obstructing the switch. If the issue persists, it may indicate a hardware fault.
- **Numpad/Arrow Keys Not Switching:** Ensure the **Num Lock** key is functioning correctly. Press it to toggle between numeric and navigation modes.
- **Windows Key Locked:** If the Windows key is unresponsive, press **FN + F12** to unlock it.

If these steps do not resolve your issue, please contact Cooler Master customer support for further assistance.

SPECIFICATIONS

Manufacturer	Cooler Master
Item Model Number	SGK-4020-GKCM3-US
Product Dimensions	37.85 x 13.72 x 3.3 cm
Weight	798.32 grams
Compatible Devices	Laptop, Desktop PC
Connectivity Technology	Wired (USB)
Keyboard Description	Gaming
Special Features	Backlit, Ergonomic, Integrated Steel Backplate, Super-grip Rubber Feet

Color	Black (TK - Cherry MX Brown)
Style	Compact layout with integrated numeric keypad
Included Components	USB Cable
Hand Orientation	Ambidextrous

WARRANTY INFORMATION

Cooler Master products are covered by a manufacturer's warranty. For specific warranty terms, duration, and conditions applicable to your region, please refer to the warranty card included with your product or visit the official Cooler Master website. Keep your proof of purchase for warranty claims.

SUPPORT

For technical support, driver downloads, FAQs, or to register your product, please visit the official Cooler Master support website:

www.coolermaster.com/support/

You may also find helpful resources and community forums on the Cooler Master website.