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Cooler Master SGK-4030-GKCL3-US

CM Storm QuickFire XT - Full Size Mechanical Gaming Keyboard

USER MANUAL

Product Overview

The CM Storm QuickFire XT is a high-grade mechanical keyboard designed for both gamers and professionals. It features Cherry MX key switches for optimal responsiveness and comfort, a slim bezel, and an embedded steel plate for enhanced stability and durability.
Key features include:

- Mechanical Cherry MX Blue key switches with a lifespan of up to 50 million keystrokes, providing light resistance and tactile "clicky" feedback.
- Super slim profile for ergonomic typing.
- Embedded steel plate for extreme stability and durability.
- N-Key rollover for unlimited simultaneous key presses in PS/2 Mode.
- Multimedia shortcut keys for easy control of audio and video playback.
- Windows keys can be disabled to prevent accidental interruptions during use.
- Detachable high-quality braided USB cable with full-size USB connector.



Figure 1: Top-down view of the CM Storm QuickFire XT Mechanical Gaming Keyboard.

Package Contents

Verify that all items are present in the package:

- QuickFire XT Mechanical Gaming Keyboard
- 6 replacement keycaps

- Keycap remover tool
- USB A Cable with gold plated connectors
- Quick Start Guide (physical document)
- USB to PS/2 Adapter (for PS/2 mode functionality)



Figure 2: The QuickFire XT keyboard shown with its detachable USB cable and included accessories.

Setup

System Requirements

- PC with available USB 2.0 port (500mA)
- Operating System: Windows XP / Vista / 7 / 8 / 10

Connecting the Keyboard

1. Locate the detachable USB cable. Connect one end of the cable to the mini-USB port on the back of the QuickFire XT keyboard.



Figure 3: Side view illustrating the detachable USB cable connection point on the keyboard.

2. For USB connection: Connect the other end of the USB cable to an available USB 2.0 port on your computer. The keyboard is plug-and-play; no additional drivers are typically required.
3. For PS/2 connection (optional, for N-Key Rollover): Attach the included USB to PS/2 adapter to the USB end of the cable, then connect it to your computer's PS/2 keyboard port. Ensure the computer is powered off before connecting

via PS/2, then power on.

Operation

Cherry MX Blue Switches

The QuickFire XT utilizes Cherry MX Blue mechanical switches, known for their distinct tactile bump and audible click feedback. This provides clear confirmation of key actuation, which is beneficial for both typing and gaming accuracy.



Figure 4: Close-up view of a keycap removed, revealing the Cherry MX Blue switch mechanism.

N-Key Rollover (NKRO)

In PS/2 mode, the QuickFire XT supports N-Key Rollover, allowing for an unlimited number of simultaneous key presses to be registered accurately. This prevents "ghosting" or missed inputs, which is crucial for fast-paced gaming or rapid typing.
In USB mode, the keyboard supports 6-Key Rollover (6KRO), which is sufficient for most applications and gaming scenarios.

Game Mode (Windows Key Disable)

To prevent accidental interruptions during gaming sessions, you can disable the Windows keys. This function is typically activated by pressing the **Fn** key in combination with a designated function key (often F9 or a key with a Windows logo icon). Refer to the Quick Start Guide for the exact key combination.

Multimedia Shortcuts

The QuickFire XT includes multimedia shortcut keys, accessible by pressing the**Fn** key in combination with the F-keys (F5-F12). These allow you to control media playback (play, pause, stop, skip tracks) and adjust volume directly from the keyboard.

- **Fn + F5:** Play/Pause
- **Fn + F6:** Stop
- **Fn + F7:** Previous Track
- **Fn + F8:** Next Track

- **Fn + F9:** Mute Volume
- **Fn + F10:** Volume Down
- **Fn + F11:** Volume Up



Figure 5: Angled view of the left side of the keyboard, highlighting the F-keys and their potential multimedia functions.



Figure 6: Angled view of the right side of the keyboard, showing the numeric keypad and navigation keys.

Keycap Customization

The QuickFire XT comes with extra keycaps and a keycap tool for customization. To replace a keycap:

1. Gently attach the keycap remover tool to the keycap you wish to remove, ensuring it grips securely on opposite

sides.
2. Pull straight up with steady force until the keycap detaches from the switch.
3. Align the new keycap with the switch stem and press down firmly until it clicks into place.

Maintenance

Cleaning the Keyboard

To maintain optimal performance and appearance, regular cleaning is recommended. The matte black finish is designed to be easy to clean.

- Disconnect the keyboard from your computer before cleaning.
- Use a soft, lint-free cloth slightly dampened with water or a mild, non-abrasive cleaning solution to wipe down the keycaps and chassis.
- For dust and debris between keys, use compressed air or a small brush.
- Avoid spraying liquids directly onto the keyboard.

Cable Care

The detachable braided USB cable is designed for durability. Avoid sharp bends or excessive pulling on the cable to prevent damage to the internal wires or connectors.

Troubleshooting

Keyboard Not Responding

- Ensure the USB cable is securely connected to both the keyboard and the computer's USB port.
- Try connecting the keyboard to a different USB port on your computer.
- If using the PS/2 adapter, ensure the computer was powered off before connecting the keyboard. Restart the computer.
- Test the keyboard on another computer to determine if the issue is with the keyboard or the computer's USB/PS/2 ports.

Inconsistent Key Presses or Double Inputs

- Ensure the keycaps are properly seated on their switches. Gently press down on the affected keycap until it clicks into place.
- Dust or debris under the keycap can sometimes interfere with switch operation. Use compressed air to clear any obstructions.
- If the issue persists, it may indicate a switch malfunction. Contact Cooler Master support for further assistance.

Windows Key Disabled Unexpectedly

- You may have accidentally activated Game Mode. Press the**Fn** key in combination with the designated Windows key disable function key (e.g., F9) to toggle it off.

Specifications

Model Number	SGK-4030-GKCL3-US
Switch Type	Cherry MX Blue (Clicky)

Number of Keys	104
Connectivity	USB (with PS/2 adapter included)
Key Rollover	N-Key Rollover (PS/2), 6-Key Rollover (USB)
Polling Rate	1000Hz / 1ms response time
Dimensions (LxWxH)	17.3 x 5.2 x 1.1 inches (43.9 x 13.2 x 2.8 cm)
Item Weight	2.4 pounds (1.09 kg)
Operating System Compatibility	Windows XP / Vista / 7 / 8 / 10
Power Source	USB power

Warranty and Support

For detailed warranty information and technical support, please refer to the official Cooler Master website or the Quick Start Guide included with your product.
An electronic version of the User Guide is available for download:
Download User Guide (PDF)

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