Cooler Master CK-721

Cooler Master CK721 65% Hybrid Wireless Mechanical Gaming Keyboard User Manual

Model: CK-721

Brand: Cooler Master

INTRODUCTION

This manual provides comprehensive instructions for the setup, operation, maintenance, and troubleshooting of your Cooler Master CK721 65% Hybrid Wireless Mechanical Gaming Keyboard. The CK721 is designed for versatile use, offering both wired and wireless connectivity options, customizable RGB lighting, and a compact layout.

SETUP

Package Contents

- Cooler Master CK721 Keyboard
- USB Cable
- Wrist Rest

Connecting the Keyboard

The CK721 supports three connectivity modes: wired (USB Type-C), 2.4 GHz wireless, and Bluetooth 5.1. Use the switch located on the side of the keyboard to select your preferred mode.

Image: The Cooler Master CK721 keyboard highlighting its USB-C port and the 2.4 GHz wireless dongle, illustrating its hybrid wireless technology.

Wired Connection (USB Type-C)

1. Connect the provided USB Type-C cable to the keyboard's port.
2. Connect the other end of the cable to an available USB port on your computer.
3. Ensure the mode switch on the keyboard is set to the wired (USB) position.
4. The keyboard will be automatically detected and ready for use.

2.4 GHz Wireless Connection

1. Locate the 2.4 GHz wireless dongle (USB receiver) included with your keyboard.
2. Plug the dongle into an available USB port on your computer.
3. Set the mode switch on the keyboard to the 2.4 GHz wireless position.
4. The keyboard should automatically connect to the dongle.

Bluetooth 5.1 Connection

1. Set the mode switch on the keyboard to the Bluetooth position.

2. On your computer or device, enable Bluetooth and search for new devices.
3. Select "Cooler Master CK721" from the list of available devices to pair.
4. Follow any on-screen prompts to complete the pairing process.

Attaching the Wrist Rest

The low-friction cloth wrist rest can be magnetically attached to the front edge of the keyboard for enhanced comfort during extended use.

Image: The Cooler Master CK721 keyboard shown with its soft wrist rest attached, emphasizing ergonomic design.

Software Installation (MasterPlus+)

For advanced customization of RGB lighting, key remapping, and macro creation, download and install the Cooler Master MasterPlus+ software from the official Cooler Master website. The software is compatible with Windows 8 and above.

Image: A visual representation of the MasterPlus+ software interface, demonstrating options for lighting and macro customization.

Operating Instructions

Key Functions and Layout

The CK721 features a 65% layout, providing a compact form factor while retaining essential keys. Many functions are accessible via the Function (Fn) key combinations.

Image: A full top-down view of the Cooler Master CK721 keyboard, showcasing its 65% layout and RGB backlighting.

3-Way Customizable Dial

The precision dial located on the top right of the keyboard offers tactile controls for various functions. It can be customized via the MasterPlus+ software to control volume, RGB brightness, and other settings.

- **Turn:** Adjusts selected parameter (e.g., volume up/down).
- **Press:** Toggles function (e.g., mute/unmute, change RGB mode).

3-WAY CUSTOMIZABLE DIAL

The precision dial gives you the tactile controls of a turn or a press, customizable via software.

Image: A detailed view of the 3-way customizable dial, illustrating its functionality for controlling various settings.

Switching Operating Systems

The CK721 is compatible with Windows, macOS, iOS, and Android. You can easily switch between device profiles with a simple keypress, as indicated by the universal compatibility feature.
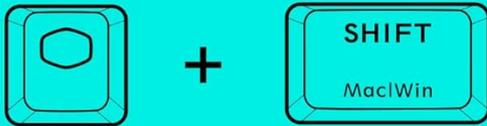
Image: A graphic illustrating the keyboard's universal compatibility across Windows, macOS, iOS, and Android operating systems.

RGB Lighting and Customization

The keyboard features customizable RGB lighting. You can adjust lighting modes and colors directly on the keyboard using Fn key combinations or through the MasterPlus+ software for more detailed control.

MAINTENANCE

Cleaning the Keyboard

- Disconnect the keyboard from your computer before cleaning.
- Use a soft, dry cloth to wipe down the keycaps and chassis.
- For deeper cleaning, use compressed air to remove dust and debris from between the keys.
- Avoid using harsh chemicals or abrasive materials.

Keycap and Switch Replacement

The CK721 features a removable aluminum top plate, which simplifies access for routine maintenance, including

changing keycaps and hot-swappable mechanical switches.

EASY-TO-USE SOFTWARE & ON-THE-FLY CONTROLS

Map 16.7 million colors to any key, customize lighting modes, and fine-tune macros while making real-time adjustments to lighting and macros with no software necessary.

Image: The Cooler Master CK721 keyboard with its removable aluminum top plate, demonstrating ease of access for maintenance.

Image: A close-up view of the mechanical switches on the Cooler Master CK721 keyboard, highlighting their design.

1. Carefully remove the aluminum top plate.
2. Use the provided keycap puller to remove keycaps.
3. Use the switch puller to remove mechanical switches.
4. Insert new switches and keycaps, ensuring they are properly seated.
5. Reattach the aluminum top plate.

Battery Care (for Wireless Use)

- Charge the keyboard using the USB Type-C cable when the battery is low.
- Avoid fully discharging the battery frequently to prolong its lifespan.
- Store the keyboard in a cool, dry place if not used for extended periods.

TROUBLESHOOTING

Keyboard Not Responding

- **Wired:** Ensure the USB cable is securely connected to both the keyboard and the computer. Try a different USB port or cable.
- **2.4 GHz Wireless:** Verify the dongle is plugged in and the keyboard switch is in 2.4 GHz mode. Re-pair if necessary.
- **Bluetooth:** Check if Bluetooth is enabled on your device and the keyboard is paired. Try unpairing and re-pairing the device.
- Ensure the keyboard battery is charged.

RGB Lighting Issues

- Check RGB settings via Fn key combinations or MasterPlus+ software.
- Ensure the MasterPlus+ software is up to date.
- Perform a factory reset if issues persist (refer to software or Cooler Master support for specific instructions).

Software Not Detecting Keyboard

- Ensure the keyboard is connected via wired USB Type-C for initial software detection.
- Update MasterPlus+ software to the latest version.
- Restart your computer and try again.

S<small>PECIFICATIONS</small>

Feature	Detail
Brand	Cooler Master
Series	CK721
Model Number	CK-721
Connectivity Technology	Bluetooth, USB-C, 2.4 GHz Wireless
Keyboard Description	Mechanical Gaming Keyboard
Switch Type	Click Blue Switches (Hot-swappable)
Layout	65%
Backlighting	RGB
Special Features	3-Way Customizable Dial, Removable Aluminum Top Plate, Wrist Rest
Operating System Compatibility	Android, iOS, Mac OS, Windows 8 and above
Item Weight	2.66 pounds
Product Dimensions	13.15 x 4.65 x 3.7 inches

Key Features

- **Reliable Mechanical Switches:** Durable switches rated for 50 million keystrokes, offering responsiveness and tactile feedback.
- **Hybrid Wireless Technology:** Seamless switching between wired Type-C, 2.4 GHz for low-latency, and Bluetooth 5.1 for broad compatibility.
- **Universal Compatibility:** Works with Windows, Mac OS, iOS, and Android devices.

- **3-Way Customizable Dial:** Precision control for media, lighting, and other functions, configurable via software.
- **Portable 65% Layout & Soft Wrist Rest:** Compact design with an included low-friction cloth wrist rest for comfort and portability.

PRODUCT OVERVIEW VIDEO

Video: An official product video from Cooler Master showcasing the CK721 keyboard's features, including its design, connectivity options, and customizable dial. This video highlights the keyboard's versatility for home, work, and play environments.

WARRANTY INFORMATION

Cooler Master products are covered by a limited warranty. Please refer to the official Cooler Master website or your product's packaging for specific warranty terms and conditions applicable to your region.

SUPPORT

For technical assistance, driver downloads, or further product information, please visit the official Cooler Master support website:

www.coolermaster.com/support/

You can also find FAQs and community forums on the support page.