

Manuals.plus /

› Cooler Master /

› Cooler Master CK721 Mechanical Gaming Keyboard User Manual

Cooler Master CK-721-GKTR1-FR

Cooler Master CK721 Mechanical Gaming Keyboard User Manual

Model: CK-721-GKTR1-FR | Brand: Cooler Master

1. SETUP AND CONNECTIVITY

The Cooler Master CK721 keyboard offers versatile connectivity options to suit various setups and devices. It supports wired USB Type-C, 2.4 GHz wireless, and Bluetooth 5.1, allowing connection to up to three devices simultaneously. The keyboard is compatible with Mac OS, iOS, Android, and Windows 8 (or higher) operating systems.

Included Components:

- Cooler Master CK721 Mechanical Gaming Keyboard
- Comfortable foam wrist rest
- USB Type-C cable
- 2.4 GHz wireless dongle
- Keycap puller (for maintenance)

Connecting Your Keyboard:

1. **Wired Connection:** Connect the provided USB Type-C cable from the keyboard to an available USB port on your computer. The keyboard will be automatically detected.
2. **2.4 GHz Wireless Connection:** Insert the 2.4 GHz wireless dongle into a USB port on your computer. Ensure the switch on the side of the keyboard is set to the 2.4 GHz mode. The keyboard should connect automatically.
3. **Bluetooth Connection:** Ensure the switch on the side of the keyboard is set to Bluetooth mode. On your device (computer, tablet, smartphone), navigate to Bluetooth settings and search for available devices. Select 'Cooler Master CK721' from the list to pair. The keyboard can store up to three Bluetooth profiles, allowing quick switching between devices.



The Cooler Master CK721 Mechanical Gaming Keyboard shown with its included foam wrist rest. This image highlights the compact 65% layout and the overall design of the keyboard.



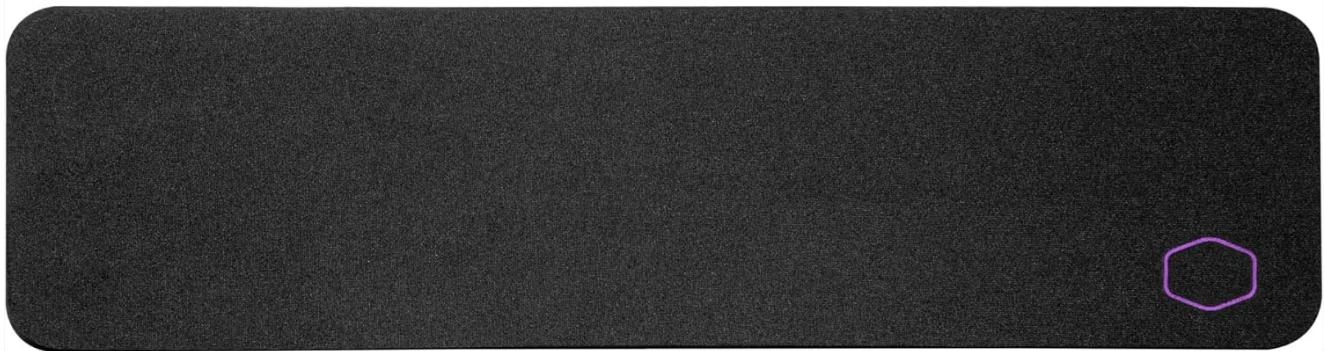
The Cooler Master CK721 keyboard is shown alongside its 2.4 GHz wireless dongle, illustrating its wireless connectivity option.

2. OPERATING INSTRUCTIONS

The CK721 is equipped with TTC Red mechanical switches, known for their linear feel, 4mm travel distance, and 2mm actuation point, providing excellent responsiveness for gaming and typing. These switches have a durability rating of over 50 million clicks. The keyboard supports a high polling rate of 1000Hz and a 1ms response time in wired and 2.4GHz modes, crucial for competitive gaming.

Key Features and Controls:

- **Hybrid Rollover:** Features N-Key Rollover (NKRO) in wired and 2.4GHz modes, and 6-Key Rollover (6KRO) in Bluetooth mode, ensuring every key press is registered accurately.
- **RGB Backlighting:** Per-key LED backlighting with up to 16.7 million colors. Lighting effects can be customized on-the-fly using keyboard commands or through the Cooler Master MasterPlus+ software for advanced personalization.
- **Precision Wheel:** A multi-function wheel with three modes allows for real-time adjustments. This can control volume, media playback, or RGB lighting brightness/effects depending on the selected mode.
- **On-the-Fly Controls:** The keyboard supports on-the-fly customization for lighting, macro recording, and switching between connected devices without needing software. Refer to the quick start guide for specific key combinations.



A top-down view of the Cooler Master CK721 keyboard, showcasing its 65% layout and the AZERTY keycap legends. The RGB backlighting is visible under the keys.



The Cooler Master CK721 keyboard is shown in a gaming setup, demonstrating its vibrant RGB backlighting in action. The compact size allows for more desk space.



A detailed close-up of the mechanical switches on the Cooler Master CK721 keyboard, highlighting the transparent switch housings that allow for bright RGB illumination.

3. MAINTENANCE AND CARE

Proper maintenance ensures the longevity and optimal performance of your Cooler Master CK721 keyboard.

Cleaning Instructions:

- **General Cleaning:** Use a soft, dry cloth to wipe down the keyboard surface regularly. For stubborn dirt, slightly dampen the cloth with water or a mild cleaning solution. Avoid harsh chemicals.
- **Keycap Cleaning:** For deeper cleaning, you can remove the keycaps using the included keycap puller. Clean the keycaps with mild soap 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 spilling liquids on the keyboard. If a spill occurs, immediately disconnect the keyboard and allow it to dry

completely before reconnecting.



The side profile of the Cooler Master CK721 keyboard, showing its ergonomic angle and the adjustable feet that can be used to set different typing heights.

4. TROUBLESHOOTING

If you encounter issues with your Cooler Master CK721 keyboard, refer to the following common troubleshooting steps:

Common Issues and Solutions:

- **Keyboard Not Responding:**
 - Ensure the USB cable is securely connected or the wireless dongle is properly inserted.
 - Check the connectivity switch on the side of the keyboard (wired, 2.4 GHz, Bluetooth) matches your desired connection method.
 - For Bluetooth, ensure the keyboard is paired correctly with your device and that Bluetooth is enabled on your device.
- **Specific Keys Not Functioning or Incorrect Input:**
 - This can sometimes be resolved by updating the keyboard's firmware. Visit the official Cooler Master support website for the latest firmware updates for the CK721, especially if you have the AZERTY layout. Some users have reported specific keys (e.g., 'chevron' key) requiring a firmware update for full functionality.
 - Ensure no debris is lodged under the affected keycap. Remove the keycap and clean the switch area.
- **RGB Lighting Issues:**
 - If RGB lighting is not working as expected or customization is problematic, ensure you have the latest version of the Cooler Master MasterPlus+ software installed.
 - Some users have reported software recognition issues with certain keys or layout discrepancies when customizing RGB. Ensure your software and firmware are up-to-date.
- **Wireless Connection Instability:**
 - Ensure the keyboard is within range of the wireless dongle or Bluetooth device.
 - Minimize interference from other wireless devices.
 - Check the keyboard's battery level if using wireless modes.

If these steps do not resolve the issue, please contact Cooler Master customer support for further assistance. You can find contact information on the official Cooler Master website.

5. SPECIFICATIONS

Below are the detailed specifications for the Cooler Master CK721 Mechanical Gaming Keyboard:

Feature	Specification
Model Number	CK-721-GKTR1-FR
Brand	Cooler Master
Keyboard Layout	65% Compact, AZERTY FR
Switch Type	TTC Red Mechanical Switches
Switch Lifespan	50 Million Clicks
Connectivity	Wired (USB Type-C), 2.4 GHz Wireless, Bluetooth 5.1
Polling Rate	1000Hz (Wired & 2.4GHz)
Response Time	1ms (Wired & 2.4GHz)
Rollover	NKRO (Wired & 2.4GHz), 6KRO (Bluetooth)
Backlighting	Per-Key RGB (16.7 Million Colors)
Operating System Compatibility	Mac OS, iOS, Android, Windows 8+
Dimensions (L x W x H)	33.4 x 11.8 x 3.7 cm (13.15 x 4.65 x 1.46 inches)
Weight	764 Grams (1.68 lbs)
Special Features	Precision Wheel, On-the-fly Controls, Adjustable Feet



The bottom view of the Cooler Master CK721 keyboard, showing the product labels, certification marks, and the adjustable feet for ergonomic positioning.

6. WARRANTY AND SUPPORT

The Cooler Master CK721 Mechanical Gaming Keyboard comes with a manufacturer's warranty of **2 years** from the date of purchase. This warranty covers defects in materials and workmanship under normal use.

For warranty claims, technical support, or additional product information, please visit the official Cooler Master

website. You can also download the latest drivers, firmware updates, and the MasterPlus+ software from their support section. The MasterPlus+ software provides advanced customization options for RGB lighting, macro programming, and other keyboard settings.

Online Resources:

- [Cooler Master Official Website](#)
- [MasterPlus+ Software Download](#)

No official product videos from the seller were found for this product.