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Cooler Master MM712

Cooler Master MM712 Wireless Gaming Mouse User Manual

Model: MM712 Wireless White

1. INTRODUCTION

The Cooler Master MM712 Wireless Gaming Mouse is an advanced peripheral designed for optimal gaming performance and versatility. It features a lightweight, seamless design, offering both 2.4GHz wireless and Bluetooth 5.1 connectivity. Equipped with a high-precision 19,000 DPI optical sensor, durable optical micro switches, and low-friction PTFE feet, the MM712 provides responsive and agile control. The included Ultraweave cable ensures minimal drag when used in wired mode or for charging.



Figure 1: Cooler Master MM712 Wireless Gaming Mouse (White)

2. KEY FEATURES

- **Hybrid Wireless Technology:** Seamlessly switch between 2.4GHz wireless for low-latency gaming and Bluetooth 5.1 for broader device compatibility.

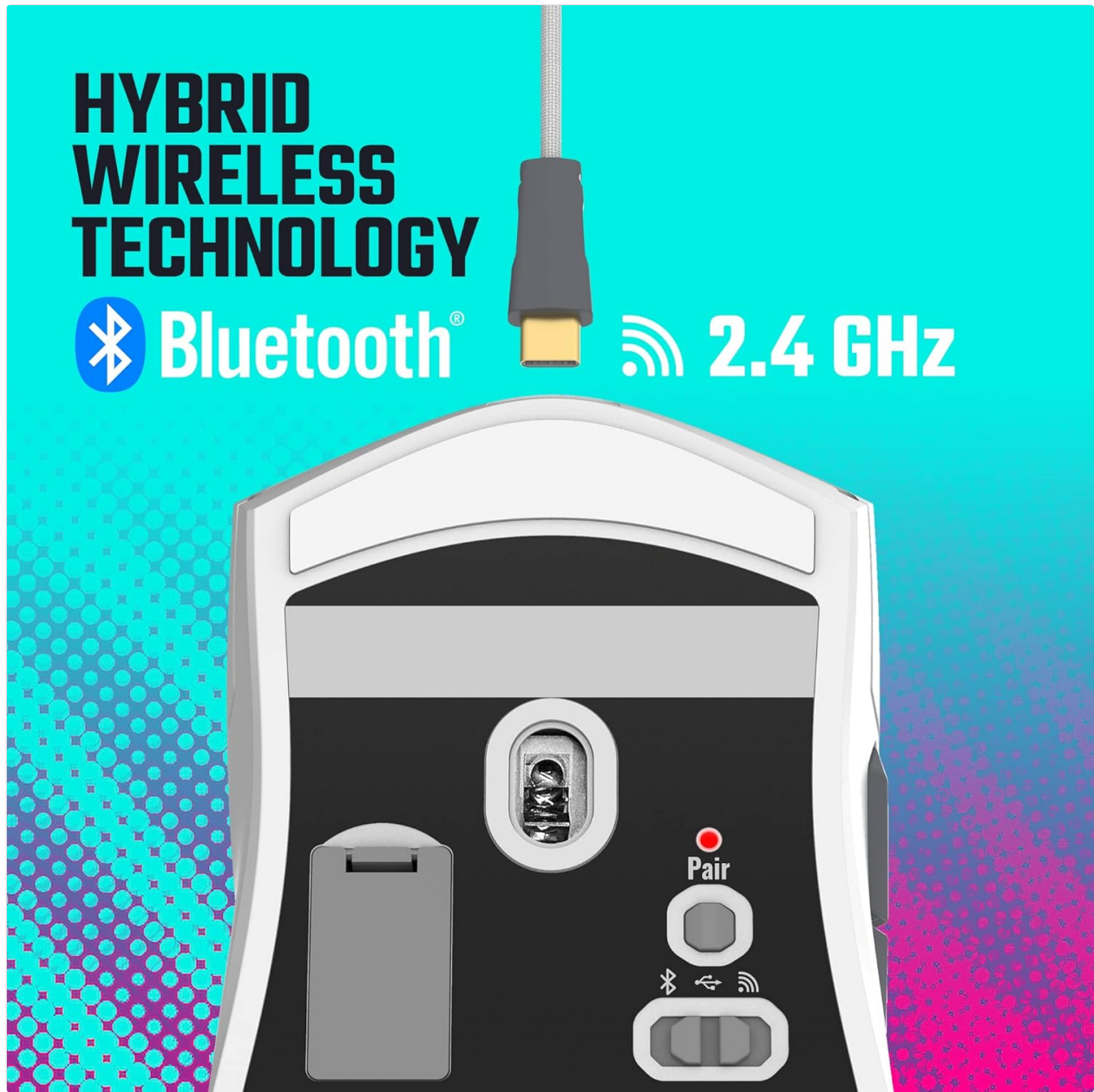


Figure 2: Hybrid Wireless Connectivity Switch on the underside of the mouse.

- **Seamless Lightweight Design:** Engineered with a solid, hole-less chassis that maintains an ultra-light weight of less than 58g, providing a comfortable and durable grip.



Figure 3: The MM712's seamless lightweight design compared to previous perforated models.

- **Gaming-Grade Hardware:** Features a pro-grade optical sensor adjustable up to 19,000 DPI for precise tracking, and optical micro switches rated for 70 million clicks, ensuring near-instantaneous input.

GAMING-GRADE HARDWARE

19K DPI



Figure 4: Detail of the high-performance optical sensor.

- **Ultraweave Cable:** A super lightweight, in-house engineered cable designed to prevent snagging and minimize drag during intense gaming sessions.



Figure 5: The flexible and lightweight Ultraweave cable.

- **Pure PTFE Mouse Feet:** New-and-improved PTFE material feet provide exceptionally low friction and high durability for a smooth, fast glide.



Figure 6: Detachable PTFE feet for superior glide.

- **MasterPlus+ Software:** Customize RGB lighting, button assignments, DPI settings, and more through the intuitive MasterPlus+ software.

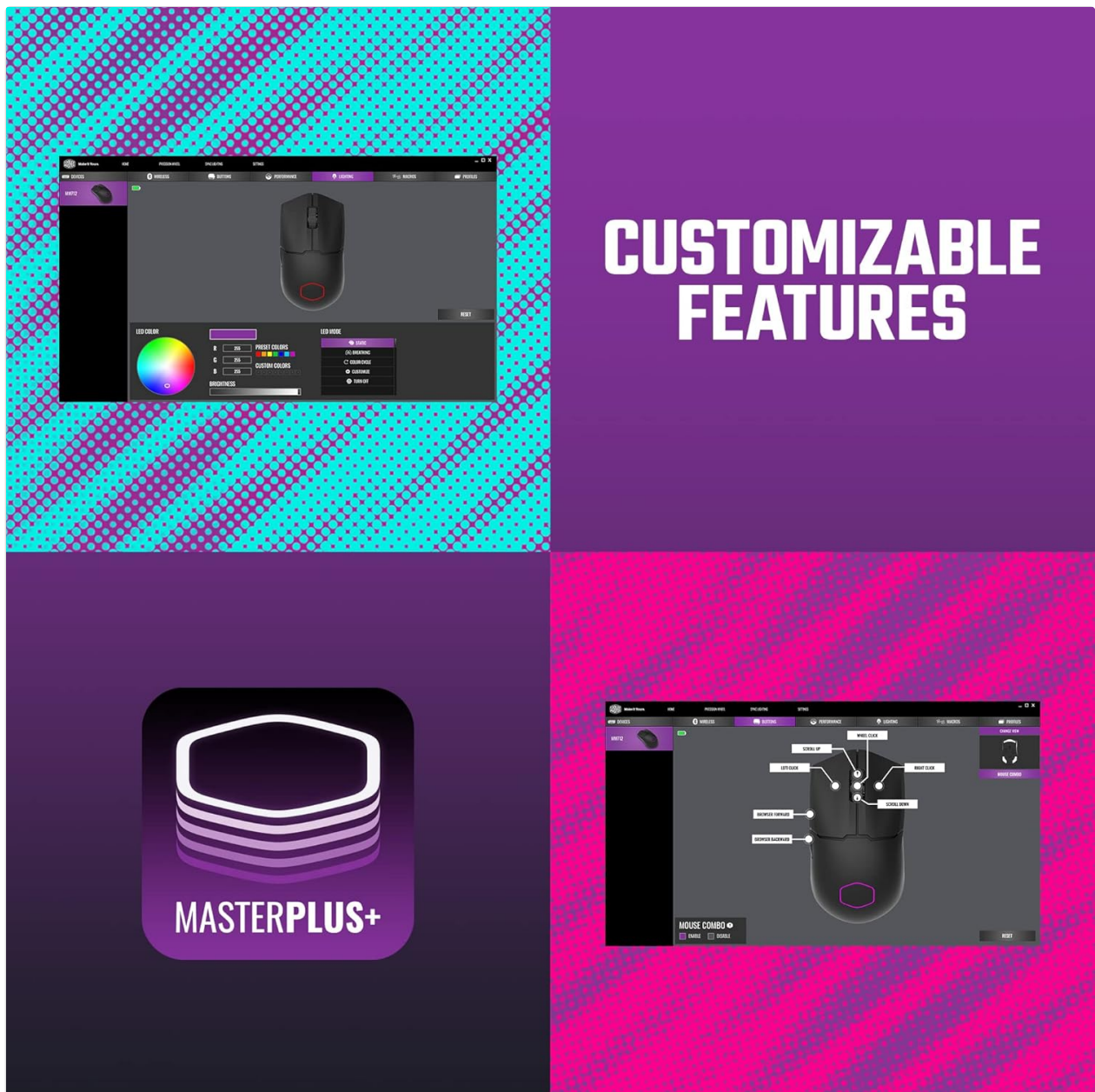


Figure 7: MasterPlus+ software interface for customization.

3. SETUP GUIDE

3.1. Package Contents

- Cooler Master MM712 Wireless Gaming Mouse
- Detachable Ultraweave Cable (USB-C to USB-A)
- 2.4GHz Wireless Dongle
- USB-A to USB-C Adapter (for dongle extension)
- Additional PTFE Mouse Feet (optional)
- Grip Tape Set (optional)



Figure 8: All components included with the MM712 mouse.

3.2. Initial Connection

The MM712 offers three connection modes: Wired, 2.4GHz Wireless, and Bluetooth 5.1.

1. Wired Mode:

- Connect the detachable Ultraweave Cable to the USB-C port on the front of the mouse.
- Plug the USB-A end of the cable into an available USB port on your computer.
- The mouse will automatically power on and be ready for use.

2. 2.4GHz Wireless Mode:

- Locate the 2.4GHz wireless dongle (USB receiver) on the underside of the mouse. It is typically stored in a small compartment.



Figure 9: Location of the 2.4GHz wireless dongle.

- Remove the dongle and plug it into an available USB port on your computer. For optimal signal, use the included USB-A to USB-C adapter and Ultraweave cable to position the dongle closer to the mouse.
- On the underside of the mouse, slide the switch to the 2.4GHz wireless icon.
- The mouse will connect automatically.

3. Bluetooth 5.1 Mode:

- On the underside of the mouse, slide the switch to the Bluetooth icon.
- Press and hold the "Pair" button (located near the switch) for 3 seconds until the mouse's RGB lighting starts blinking, indicating pairing mode.
- On your computer or device, navigate to Bluetooth settings and search for "Cooler Master MM712".

- Select the mouse to complete the pairing process.

4. OPERATING INSTRUCTIONS

4.1. DPI Adjustment

The MM712 features an on-the-fly DPI adjustment button, typically located behind the scroll wheel. Press this button to cycle through preset DPI levels. Default DPI levels can be customized using the MasterPlus+ software.



Figure 10: Top view of the MM712, highlighting the DPI adjustment button.

4.2. Charging the Mouse

To charge the MM712, connect the Ultraweave Cable to the mouse and a powered USB port on your computer or a USB wall adapter. The mouse can be used in wired mode while charging.

4.3. MasterPlus+ Software

For advanced customization, download and install the Cooler Master MasterPlus+ software from the official Cooler Master website. This software allows you to:

- Customize DPI stages and sensitivity.
- Program button functions and macros.
- Adjust RGB lighting effects and colors.

- Update mouse firmware.

Your browser does not support the video tag.

Video 1: Official Cooler Master MM712 product overview, demonstrating features and design.

5. MAINTENANCE

5.1. Cleaning

To maintain optimal performance and appearance, regularly clean your MM712 mouse:

- Use a soft, lint-free cloth slightly dampened with water or a mild cleaning solution to wipe the surface of the mouse.
- Avoid using harsh chemicals, abrasive cleaners, or solvents.
- For the optical sensor, use a cotton swab lightly dampened with isopropyl alcohol to gently clean the lens. Ensure no liquid enters the sensor opening.

5.2. PTFE Feet Replacement

Over time, the PTFE feet may wear down. Replacement feet are included in the package. To replace:

1. Carefully peel off the old PTFE feet using a thin, non-abrasive tool.
2. Ensure the surface is clean and free of adhesive residue.
3. Align the new PTFE feet with the recesses on the underside of the mouse and press firmly to secure them.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Mouse not responding (Wired)	Loose cable connection, faulty USB port.	Ensure cable is securely plugged into both mouse and computer. Try a different USB port.
Mouse not responding (Wireless/Bluetooth)	Low battery, incorrect mode selected, dongle not connected/paired.	Charge the mouse. Check the mode switch on the underside. For 2.4GHz, ensure dongle is plugged in. For Bluetooth, re-pair the mouse.
Erratic cursor movement	Dirty optical sensor, unsuitable mouse pad surface.	Clean the optical sensor. Use a clean, uniform-colored mouse pad.
RGB lighting not working	Software settings, firmware issue.	Check RGB settings in MasterPlus+ software. Update mouse firmware.
Cannot connect via MasterPlus+	Software not installed, mouse not connected, driver issue.	Ensure MasterPlus+ is installed. Connect mouse via wired or 2.4GHz mode. Reinstall mouse drivers if necessary.

7. TECHNICAL SPECIFICATIONS

Model Name	MM712 Wireless White
Brand	Cooler Master

Connectivity	2.4GHz Wireless, Bluetooth 5.1, Wired (USB-C)
Sensor	Optical
DPI Range	Up to 19,000 DPI (Adjustable)
Switches	Optical Micro Switches (70 million click lifespan)
Mouse Feet	Pure PTFE
Cable Type	Ultraweave Cable (Detachable)
Weight	Approximately 58g (excluding cable)
Dimensions (LxWxH)	4.6 x 2.5 x 0.1 inches
Operating System Compatibility	Windows 8+, macOS, Android, iOS

8. WARRANTY AND SUPPORT

For warranty information, technical support, or to download the latest MasterPlus+ software and firmware updates, please visit the official Cooler Master website:

www.coolermaster.com

You can also refer to the official User Guide PDF for more detailed instructions: [Download User Guide \(PDF\)](#)