Mad Catz R.A.T. 8+

Mad Catz R.A.T. 8+ Wired Gaming Mouse User Manual

Model: R.A.T. 8+ (MR05DCINWH0000)

1. INTRODUCTION

The Mad Catz R.A.T. 8+ is a high-performance wired gaming mouse designed for precision and customization. It features an adjustable design, a high-accuracy optical sensor, and programmable buttons to enhance your gaming experience. This manual provides instructions for setup, operation, customization, and maintenance of your R.A.T. 8+ gaming mouse.

2. PRODUCT FEATURES

- **High-Performance Optical Sensor:** Equipped with a Pixart PMW 3389 optical sensor, offering up to 16000 DPI and tracking speeds of 400 inches per second.

- **Durable Switches:** Features switches with a life expectancy exceeding 50 million clicks for long-term reliability.

- **Precision Aim Button:** Instantly adjusts sensor sensitivity for precise aiming in critical moments.

- **Barrel Scroll:** Unique barrel scroll design for enhanced control, particularly in FPS games.

- **11 Programmable Buttons:** Customize commands and macros across 11 buttons, saving up to 4 individual user profiles directly on the mouse.

- **Fully Adjustable Design:** Ergonomic adjustments for palm rest length, thumb rest, and pinky rest to fit various grip styles.

- **Tunable Weight System:** Allows for adjustment of the mouse's weight to suit individual preferences.

- **Customizable RGB LED:** Personalize the mouse's lighting with various RGB effects.

Figure 2.1: Overview of the Mad Catz R.A.T. 8+ mouse highlighting its key features including 11 programmable buttons, 16000 DPI adjustment, precision macro, included software, adjustable palm rest, and variable weight system.

3. PACKAGE CONTENTS

Please verify that all items are present in your package:

- Mad Catz R.A.T. 8+ Wired Gaming Mouse
- Adjustable Weights (pre-installed or separate)
- Additional Palm and Pinky Rests (if included with your specific model)
- Quick Start Guide (physical or digital)

4. SETUP

4.1 Hardware Connection

1. Unpack the Mad Catz R.A.T. 8+ gaming mouse from its packaging.
2. Connect the USB cable of the mouse to an available USB port on your computer.
3. The operating system will typically detect and install basic drivers automatically.

4.2 Software Installation

To unlock the full customization potential of your R.A.T. 8+, including programmable buttons, DPI settings, RGB lighting, and profile management, download and install the official Mad Catz software from the Mad Catz website. Follow the on-screen instructions for installation.

5. CUSTOMIZATION AND SOFTWARE

The R.A.T. 8+ offers extensive physical and software-based customization options.

5.1 Physical Adjustments

The mouse features adjustable components to optimize ergonomics:

- **Palm Rest:** Adjust the length of the palm rest by loosening the screw at the rear of the mouse and sliding the rest to your desired position. Tighten the screw to secure.
- **Thumb Rest:** The thumb rest can be adjusted horizontally and vertically. Loosen the relevant screws, position the rest, and tighten.
- **Pinky Rest:** Similar to the thumb rest, the pinky rest can be adjusted or swapped with alternative rests provided (if applicable).
- **Weight System:** Remove the weights from the designated compartment (usually at the rear or underside) to lighten the mouse, or add them to increase its mass.

Figure 5.1: A hand demonstrating the adjustment of a component on the Mad Catz R.A.T. 8+ gaming mouse.

Figure 5.2: The Mad Catz R.A.T. 8+ mouse with an illustration indicating the location and function of removable weights for customizable feel.

5.2 Software Configuration

The Mad Catz software allows for detailed configuration:

- **Button Programming:** Assign custom functions, macros, or keyboard shortcuts to each of the 11 programmable buttons.

- **DPI Settings:** Create multiple DPI stages and assign them to the DPI switch button for on-the-fly sensitivity adjustments.
- **Profile Management:** Create and save up to 4 unique user profiles, each with its own button assignments, DPI settings, and RGB lighting. Profiles can be switched directly from the mouse.
- **RGB Lighting:** Customize the color and effects of the integrated RGB LED lighting.

6. OPERATION

6.1 Basic Functions

The R.A.T. 8+ operates as a standard mouse for basic navigation. Left-click, right-click, and scroll wheel functions are immediately available upon connection.

6.2 Using Programmable Buttons

Once configured via the software, the 11 programmable buttons will execute their assigned functions. Refer to your software settings for specific button assignments.

Figure 6.1: Side view of the Mad Catz R.A.T. 8+ mouse, indicating the placement of its 11 programmable buttons.

6.3 DPI Switching

Press the dedicated DPI button (usually located near the scroll wheel or thumb rest) to cycle through your pre-configured DPI stages. An indicator (often LED-based) on the mouse will show the current DPI profile.

6.4 Precision Aim Button

Hold down the Precision Aim button (typically a red button on the thumb rest) to temporarily reduce the mouse's DPI to a pre-set low sensitivity, allowing for more precise cursor control, ideal for sniping in games.

Figure 6.2: The Mad Catz R.A.T. 8+ mouse with an icon indicating the precision macro feature, often activated by a dedicated button.

6.5 Profile Switching

Use the dedicated profile button (often labeled 'PROFILE') to cycle through the 4 onboard profiles. Each profile retains its unique button assignments, DPI settings, and RGB lighting.

Figure 6.3: Top view of the Mad Catz R.A.T. 8+ mouse, highlighting the 'PROFILE' button and the DPI indicator lights.

7. MAINTENANCE

To ensure the longevity and optimal performance of your R.A.T. 8+ mouse, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry, lint-free cloth to wipe the surface of the mouse. For stubborn dirt, slightly dampen the cloth with water. Avoid harsh chemicals or abrasive materials.
- **Sensor Cleaning:** Periodically clean the optical sensor lens on the underside of the mouse with a cotton swab lightly dampened with isopropyl alcohol. Ensure no liquid enters the mouse body.

- **Cable Care:** Avoid sharply bending or twisting the USB cable. Store the mouse in a way that prevents cable damage.
- **Storage:** When not in use, store the mouse in a clean, dry environment away from extreme temperatures.

8. TROUBLESHOOTING

If you encounter issues with your Mad Catz R.A.T. 8+ mouse, refer to the following common solutions:

Problem	Possible Solution
Mouse not responding	Ensure the USB cable is securely connected to a working USB port. Try connecting the mouse to a different USB port or another computer to rule out port issues. Restart your computer.
Cursor movement is erratic or jumpy	Clean the optical sensor lens on the underside of the mouse. Ensure you are using the mouse on a clean, non-reflective, and uniform surface (e.g., a mouse pad). Check for any debris obstructing the sensor.
Programmable buttons not working	Ensure the Mad Catz software is installed and running. Verify that the correct profile is active on the mouse. Check button assignments within the software. Update the mouse firmware and software to the latest versions.
RGB lighting not functioning	Check RGB settings within the Mad Catz software. Ensure the software is detecting the mouse correctly.

9. SPECIFICATIONS

Feature	Detail
Brand	Mad Catz
Model Number	MR05DCINWH0000
Connectivity Technology	USB (Wired)
Movement Detection Technology	Optical (Pixart PMW 3389)
Max DPI	16000 DPI
Max IPS (Inches Per Second)	400 IPS
Acceleration	50G
Programmable Buttons	11
Onboard Profiles	4

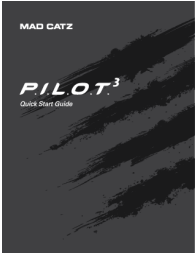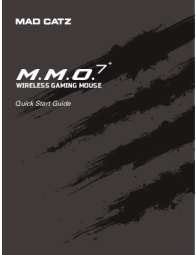| Feature	Detail
Switch Durability	50 Million Clicks
Color	White
Item Weight	4.3 ounces (approx. 122 grams)
Product Dimensions (LxWxH)	4.66 x 3.44 x 1.51 inches (approx. 11.84 x 8.74 x 3.84 cm)
Hardware Platform	PC
Operating System Compatibility	Windows, Linux (basic functionality)
Power Source	Corded Electric (USB)

10. WARRANTY AND SUPPORT

For warranty information, technical support, or further assistance, please visit the official Mad Catz website or contact their customer support directly. Keep your proof of purchase for warranty claims.

Mad Catz Official Website: www.madcatz.com

Related Documents - R.A.T. 8+

	Mad Catz R.A.T. 6+ Optical Gaming Mouse Quick Start Guide Official quick start guide and product information for the Mad Catz R.A.T. 6+ optical gaming mouse, detailing button functions, adjustments, and software installation.
	Mad Catz RAT 8 Optical Gaming Mouse Product Guide A comprehensive product guide for the Mad Catz RAT 8 Optical Gaming Mouse, detailing its features, setup, software, and customization options.

[Mad Catz P.I.L.O.T. 3 Gaming Headset Quick Start Guide](#)

Quick start guide for the Mad Catz P.I.L.O.T. 3 gaming headset, detailing product features, setup instructions for PC, consoles, and mobile devices, system requirements, and compliance information.

[Mad Catz R.A.T. 8+ ADV Gaming Mouse Quick Start Guide](#)

A quick start guide for the Mad Catz R.A.T. 8+ ADV gaming mouse, detailing product information, button functions, and adjustments.

[Mad Catz R.A.T. DWS Wireless Gaming Mouse Quick Start Guide](#)

Quick start guide for the Mad Catz R.A.T. DWS modular gaming mouse, covering product overview, package contents, system requirements, and pairing instructions for 2.4GHz and Bluetooth modes.

[Mad Catz M.M.O. 7+ Wireless Gaming Mouse Quick Start Guide](#)

Get started with your Mad Catz M.M.O. 7+ Wireless Gaming Mouse. This guide covers product overview, packing list, system requirements, setup for wired and wireless modes, DPI settings, troubleshooting, and important precautions.