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› Redragon M711 Cobra Gaming Mouse User Manual

Redragon M711

Redragon M711 Cobra Gaming Mouse User Manual

Model: M711

INTRODUCTION

This manual provides detailed instructions for the Redragon M711 Cobra Gaming Mouse. It covers setup, operation, maintenance, and troubleshooting to ensure optimal performance and longevity of your device. The Redragon M711 Cobra is designed for precision and comfort, featuring adjustable DPI, programmable buttons, and customizable RGB backlighting to enhance your gaming and computing experience.



Figure 1: Redragon M711 Cobra Gaming Mouse. This image shows the overall design of the black gaming mouse with its vibrant RGB lighting strip along

the sides and the Redragon logo illuminated on the palm rest.

KEY FEATURES

- **Adjustable DPI:** 5 adjustable DPI levels (500, 1000, 2000, 3000, 5000) with on-the-fly switching, freely adjustable from 100 to 10000 DPI.
- **Programmable Buttons:** 7 out of 9 programmable buttons for enhanced productivity and gaming efficiency.
- **RGB Backlighting:** 16.8 million color backlight with 'breathing' RGB LED and 7 distinct lighting modes.
- **Memory Profiles:** 5 memory profiles, each with a dedicated light color for quick identification of settings.
- **Professional Programming Software:** Utilizes the AVAGO gaming chip for precise control, offering 5000 FPS, 100 IPS Maximum Tracking Speed, and 20G acceleration.
- **Ergonomic Design:** Engineered for comfort during extended use, suitable for various grip styles.
- **Durability:** Built with robust materials for long-lasting performance.
- **Compatibility:** Compatible with Windows 2000/ME/XP/03/VISTA/7/8/10 for programmable functions and Mac OS for normal use.



Figure 2: Labeled diagram of the Redragon M711 Cobra mouse. This image highlights key components such as the Left Button, Right Button, Scroll Wheel, Programmable DPI Adjustment buttons, Lighting Switch Button, and Ergonomic Thumb Button.

SETUP

1. **Unpacking:** Carefully remove the Redragon M711 Cobra Gaming Mouse from its packaging.
2. **Connection:** Plug the USB connector of the mouse into an available USB port on your computer.
3. **Driver Installation:** For basic functionality, the mouse is plug-and-play. For advanced customization and programmable features, install the dedicated professional programming software from the Redragon website. Refer to the "Software Installation & Customization" section for more details.



Figure 3: The Redragon M711 Cobra mouse positioned on a desk next to a keyboard and monitor, illustrating a typical setup for use.

OPERATING INSTRUCTIONS

DPI Adjustment

The Redragon M711 Cobra features on-the-fly DPI switching. Use the dedicated DPI adjustment buttons (typically located behind the scroll wheel) to cycle through the preset DPI levels (500, 1000, 2000, 3000, 5000). For fine-tuning, the DPI can be adjusted in increments of ± 100 from 100 to 10000 using the software.



Figure 4: Visual representation of the 5 adjustable DPI levels (500, 1000, 2000, 3000, 5000) available on the Redragon M711 Cobra mouse, each with a distinct color indicator.

RGB Lighting Control

The mouse offers 7 different RGB lighting modes and 16.8 million customizable colors. Use the lighting switch button (as indicated in Figure 2) to cycle through the available modes. Further customization, including specific colors and effects, can be achieved through the professional programming software.



Figure 5: Display of the 16.8 million colors and 7 RGB lighting modes available for the Redragon M711 Cobra mouse, along with a screenshot of the software interface for customization.

Programmable Buttons

The 7 programmable buttons can be assigned various functions, macros, or key binds using the professional programming software. This allows for personalized control and efficiency in different applications or games. Save your custom configurations to one of the 5 onboard memory profiles for quick access.

SOFTWARE INSTALLATION & CUSTOMIZATION

To unlock the full potential of your Redragon M711 Cobra Gaming Mouse, install the professional programming software. This software allows for:

- Precise DPI adjustment from 100 to 10000.
- Customizing button assignments and creating macros.
- Configuring RGB lighting effects and colors.
- Managing and switching between 5 memory profiles.
- Adjusting mouse point speed and polling rate (125Hz/250Hz/500Hz/1000Hz).

The software can typically be downloaded from the official Redragon website. Follow the on-screen instructions for installation. Once installed, launch the software to begin customizing your mouse settings.



Figure 6: Illustration demonstrating the adjustable polling rates (125Hz, 250Hz, 500Hz, 1000Hz) of the Redragon M711 Cobra mouse, indicating its responsiveness for gaming.

MAINTENANCE

To ensure the longevity and optimal performance of your Redragon M711 Cobra Gaming Mouse, follow these maintenance guidelines:

- **Cleaning:** Regularly clean the mouse surface with a soft, dry cloth. For stubborn dirt, a slightly damp cloth can be used, ensuring no moisture enters the internal components.
- **Sensor:** Keep the optical sensor on the underside of the mouse clean and free from dust or debris to maintain tracking accuracy.
- **Cable:** Avoid excessive pulling or bending of the USB cable to prevent damage.
- **Storage:** Store the mouse in a clean, dry environment when not in use.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Mouse not responding	Loose USB connection, faulty USB port, driver issue.	Ensure USB cable is securely plugged in. Try a different USB port. Reinstall mouse drivers or software.
Inaccurate tracking or cursor lag	Dirty optical sensor, unsuitable mouse pad surface, incorrect DPI setting.	Clean the optical sensor. Use a clean, uniform mouse pad. Adjust DPI settings.
RGB lighting not working or stuck	Software glitch, incorrect lighting mode selected.	Restart the mouse software. Cycle through lighting modes using the button on the mouse. Ensure software is up to date.
Programmable buttons not working	Software not running, incorrect button assignment.	Ensure the Redragon software is running in the background. Verify button assignments within the software.

SPECIFICATIONS

- **Brand:** Redragon
- **Model:** M711 Cobra
- **Connectivity:** Wired USB
- **DPI:** 500/1000/2000/3000/5000 (Adjustable up to 10000 via software)
- **Tracking Speed:** 100 IPS (Inches Per Second)
- **Acceleration:** 20G
- **Polling Rate:** 125Hz/250Hz/500Hz/1000Hz
- **Buttons:** 7 Programmable Buttons
- **Backlight:** 16.8 Million RGB Colors, 7 Lighting Modes
- **Sensor:** Optical (AVAGO gaming chip)
- **Cable Length:** Approximately 1.8 meters (Braided)
- **Dimensions (LxWxH):** Approximately 5 x 2.6 x 1.6 inches (130 x 60 x 40.6 mm)
- **Weight:** Approximately 7.2 ounces (204 grams)
- **Operating System Compatibility:** PC/Mac/Linux/Unix (Windows 2000/ME/XP/03/VISTA/7/8/10 for programmable features)



Figure 7: Technical drawing illustrating the dimensions of the Redragon M711 Cobra mouse, showing its length (130mm / 5.12 inches), width (60mm / 2.36 inches), and height (40.6mm / 1.6 inches).



Figure 8: This image highlights the ergonomic design and durability features of the Redragon M711 Cobra mouse, including its soft finish coated surface and a 10 million keystroke test rating.

WARRANTY AND SUPPORT

For detailed warranty information and technical support, please refer to the official Redragon website or the comprehensive User Guide (PDF) provided with your product. The User Guide contains specific terms and conditions regarding product warranty and contact information for customer service.

You can access the User Guide PDF [here](#).