Redragon GM211

Redragon Nebula GM211 USB Condenser Gaming Microphone User Manual

Model: GM211

Introduction

Thank you for choosing the Redragon Nebula GM211 USB Condenser Gaming Microphone. This manual provides detailed instructions for setting up, operating, and maintaining your microphone to ensure optimal performance. The GM211 is designed for gaming, streaming, and content creation, featuring high-quality audio capture and customizable LED lighting.



Figure 1: Redragon Nebula GM211 Microphone showcasing its vibrant red and purple LED lighting. This image highlights the microphone's aesthetic design and illuminated elements.

Package Contents

Please verify that all items are present in your package:

- Redragon Nebula GM211 USB Condenser Microphone
- Desktop Stand
- USB Type-C Cable
- 3/8 to 1/4 British Thread Adapter (if applicable for external mounts)

- User Manual (this document)

Setup

1. **Assemble the Microphone:**

   Attach the microphone unit to the desktop stand. Ensure it is securely fastened.



Figure 2: The Redragon Nebula GM211 Microphone securely mounted on its desktop stand, ready for connection. This view shows the microphone's structure without active lighting.

2. **Connect to Computer:**

   Connect the provided USB Type-C cable to the microphone's USB port and the other end to an available USB port on your computer.

   The microphone is plug-and-play and should be automatically recognized by your operating system

(Windows, macOS).

3. **Select as Input Device:**

   After connecting, navigate to your computer's sound settings:

   - **Windows:** Right-click the speaker icon in the taskbar, select "Sound Settings," then go to the "Recording" tab. Choose "Redragon Nebula GM211" as your default input device.
   - **macOS:** Go to "System Preferences" > "Sound" > "Input." Select "Redragon Nebula GM211" from the list.

4. **Adjust Input Level:**

   Adjust the microphone's input level (gain) using the dial located on the microphone body. Start with a moderate level and adjust as needed to avoid clipping or low volume.

Operating Instructions

Microphone Features:

- **Cardioid Capture Pattern:** The GM211 utilizes a cardioid polar pattern, which primarily picks up sound from the front of the microphone, reducing background noise from the sides and rear. Position the microphone directly towards the sound source (e.g., your mouth).
- **Mute Function:** A touch button is located on the top of the microphone. Tap this button to instantly mute or unmute the microphone. An indicator light may change to show the mute status.
- **LED Lighting Effects:** The microphone features 7 pre-programmed LED lighting effects. These effects can be cycled or controlled (if applicable, the description doesn't specify control method, so I'll keep it general) to match your setup's aesthetic.



Figure 3: A top-down view of the Redragon Nebula GM211 Microphone, illustrating the yellow LED lighting emanating from the top grille. This image highlights the customizable lighting options.

- **Luminous Logo Projection:** The Redragon logo is projected from the microphone body onto the stand base, adding a distinctive visual element to your desktop.



Figure 4: The Redragon Nebula GM211 Microphone angled, clearly displaying the illuminated Redragon logo projected onto its base. This feature adds to the microphone's unique visual appeal.

- **3.5mm Headphone Jack:** The microphone includes a 3.5mm stereo connector for direct monitoring of your audio. Connect your headphones to this jack to hear your microphone input in real-time without latency.

Maintenance

- Keep the microphone clean by wiping it with a soft, dry cloth.
- Avoid exposing the microphone to extreme temperatures, humidity, or direct sunlight.
- Do not attempt to disassemble the microphone, as this will void the warranty.

- Store the microphone in a safe place when not in use to prevent damage.

Troubleshooting

Problem	Possible Cause	Solution
No sound from microphone	◦ Microphone not properly connected. ◦ Incorrect input device selected in computer settings. ◦ Microphone is muted. ◦ Input level (gain) is too low.	◦ Ensure USB cable is securely connected to both the microphone and computer. ◦ Verify "Redragon Nebula GM211" is selected as the default input device in your sound settings. ◦ Tap the mute button on top of the microphone to unmute. ◦ Increase the input level using the dial on the microphone or in your computer's sound settings.
Distorted or unclear sound	◦ Input level (gain) is too high. ◦ Microphone positioned too close to the sound source. ◦ Background noise.	◦ Decrease the input level using the dial on the microphone or in your computer's sound settings. ◦ Maintain an appropriate distance from the microphone (e.g., 6-12 inches). ◦ Ensure you are speaking directly into the front of the microphone (cardioid pattern). ◦ Minimize ambient noise in your recording environment.
LEDs are not working	◦ Microphone not powered. ◦ LED function may be off (if controllable).	◦ Ensure the microphone is properly connected via USB and receiving power. ◦ Refer to any specific instructions for cycling or activating LED effects (not detailed in current product description).

Specifications

Feature	Detail
Capture Pattern	Cardioid
Capsule Size	14mm
Frequency Response	30 to 18000 Hz
Sensitivity	-42 ± 2 dB (at 1kHz)
Signal to Noise Ratio (Microphone)	≥ 65 dB
Max SPL	120 dB
Bit Depth	16 bit / 24 bit
Sample Rate	48 kHz / 96 kHz
LED Effects Quantity	7 Effects

Feature	Detail
Connectivity	USB Type-C
Thread Adapter	3/8 to 1/4 British
Headphone Jack	3.5mm stereo
Headphone Signal to Noise Ratio	≥ 90 dB
Headphone Frequency Response	20 to 20000 Hz
Headphone RMS Power	50 mW
Headphone Total Harmonic Distortion	<0.5% (94dB)
Headphone Connector Impedance	≥ 16 Ohms
Approximate Product Dimensions	187 x 88 x 106 mm (7.36 x 3.46 x 4.17 inches)
Net Weight	515 g (1.13 lbs)
Power Source	Electric Power (USB)

Warranty and Support

Redragon products come with a standard manufacturer's warranty. For detailed warranty information, please refer to the warranty card included with your product or visit the official Redragon website.
If you encounter any issues or have questions regarding your Redragon Nebula GM211 microphone, please contact Redragon customer support through their official website or the contact information provided in your product packaging.

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