

ROCCAT ROC-14-910

ROCCAT Torch USB Microphone Instruction Manual

Model: ROC-14-910

1. INTRODUCTION

The ROCCAT Torch is a studio-grade USB microphone designed for high-quality audio capture. It features 24-bit audio quality, a dual condenser design, and integrated pop guard for clear sound. The microphone offers three distinct pick-up patterns, contactless quick-mute functionality, and reactive RGB lighting. It is compatible with various accessories, including boom arms, to adapt to different setups.

2. SETUP

Follow these steps to set up your ROCCAT Torch USB Microphone:

1. **Unpack Components:** Carefully remove the microphone, base, and USB cables from the packaging.
2. **Connect Microphone to Base:** Attach the microphone unit to its base. Ensure it is securely fastened.
3. **Connect to Computer:** Use the provided USB cable to connect the microphone base to an available USB port on your PC. The microphone is compatible with Windows 7, 8.1, 10, and 11 (USB 1.1/2.0/3.0).
4. **Driver Installation:** Your operating system should automatically detect and install the necessary drivers. No additional software is typically required for basic functionality.
5. **Optional Boom Arm Setup:** The microphone can be detached from its base and mounted on a compatible boom arm. Connect the microphone to the boom arm and then connect the boom arm's USB cable to the base. The base controls remain functional in this configuration.



Figure 2.1: The ROCCAT Torch USB Microphone on its desktop base, illuminated with green RGB lighting. This image shows the microphone ready for use in a standard desktop configuration.



Figure 2.2: The ROCCAT Torch USB Microphone mounted on a boom arm, showcasing its adaptability for various setups. The microphone is illuminated with blue RGB lighting, and a computer monitor is visible in the background.

3. OPERATING INSTRUCTIONS

The ROCCAT Torch offers intuitive controls and features for optimal audio performance.

3.1 Mixer-Style Controls

The microphone base features dedicated controls for easy adjustments during use:

- **Pattern Knob:** Rotate to select between different pick-up patterns.
- **Volume Knob:** Adjusts the headphone monitoring volume. Press to physically mute/unmute the microphone.
- **Gain Slider:** Controls the microphone's input sensitivity. Adjust as needed to prevent clipping or to boost quiet signals.



Figure 3.1: A detailed view of the ROCCAT Torch microphone base, highlighting the pattern knob, volume knob, and gain slider. The 'LIVE' indicator is also visible.

3.2 Pick-Up Patterns

The ROCCAT Torch features three selectable pick-up patterns:

- **Cardioid:** Captures sound primarily from the front, reducing background noise. Ideal for solo streaming, gaming, and podcasting.
- **Stereo:** Captures sound from both left and right channels, providing a wider soundstage. Suitable for music recording or capturing ambient sounds.
- **Whisper:** An exclusive pattern designed to pick up even very quiet speech clearly, useful for low-volume conversations or specific recording scenarios.



Figure 3.2: A visual representation of the Cardioid pickup pattern, indicating that the microphone primarily captures sound from the front, minimizing noise from other directions.

3.3 Contactless Quick-Mute

The microphone features a gesture-activated mute function. Simply wave your hand over the top of the microphone to instantly mute or unmute. The RGB lighting on the microphone and the 'LIVE' indicator on the base will change to show the current mute status.



Figure 3.3: An illustration demonstrating the contactless quick-mute feature, where a hand gesture above the microphone activates the mute function.

3.4 Reactive RGB Lighting

The ROCCAT Torch incorporates three distinct RGB lighting zones. These lights change color based on the selected pick-up pattern or the microphone's mode (e.g., live or muted). They also serve as a visual indicator to assist in fine-tuning the gain level.

4. MAINTENANCE

To ensure the longevity and optimal performance of your ROCCAT Torch USB Microphone, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to wipe down the microphone and base. Avoid abrasive cleaners or solvents.
- **Storage:** Store the microphone in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Handle the microphone with care to avoid dropping or impacting it, which could damage internal components.
- **Cable Management:** Avoid sharp bends or kinks in the USB cables to prevent damage.

5. TROUBLESHOOTING

If you encounter issues with your ROCCAT Torch microphone, refer to the following common solutions:

Problem	Possible Cause	Solution
Microphone not detected by PC	Incorrect USB connection, driver issue, or incorrect pickup pattern setting.	Ensure the USB cable is securely connected to both the microphone base and the PC. Try a different USB port. Check your PC's sound settings to ensure the ROCCAT Torch is selected as the input device. Rotate the pattern knob to cycle through Cardioid, Stereo, or Whisper modes, as some systems may require a specific pattern to be active for initial detection.

Problem	Possible Cause	Solution
Low or no audio output	Low gain setting, incorrect pickup pattern, or muted microphone.	Adjust the gain slider on the base to increase input sensitivity. Ensure the microphone is not muted (check the 'LIVE' indicator). Select the appropriate pickup pattern for your environment. Check your PC's sound settings for input volume levels.
Distorted audio (clipping)	Gain setting is too high.	Reduce the gain slider on the base. The reactive RGB lighting can help indicate optimal gain levels.
Contactless quick-mute not responding	Obstruction or incorrect gesture.	Ensure there are no obstructions above the microphone. Perform a clear, swift hand wave over the top of the microphone. If issues persist, try the physical mute button on the volume knob.
RGB lighting not functioning	Power issue or internal fault.	Ensure the microphone is properly connected and receiving power. Restart your computer. If the issue persists, contact ROCCAT support.

6. SPECIFICATIONS

Feature	Detail
Model Number	ROC-14-910
Brand	ROCCAT
Connectivity Technology	USB
Connector Type	USB
Microphone Form Factor	Table Array
Pick-Up Patterns	Cardioid, Stereo, Whisper
Audio Quality	24-Bit, up to 48kHz sampling
Audio Sensitivity	110 Decibels
Signal-to-Noise Ratio	80 dB
Frequency Response	20 Hz - 20 kHz (implied from 2E+1 Hz)
Hardware Platform	PC
Compatible Devices	Windows 7, 8.1, 10 & 11 USB 1.1/2.0/3.0
Special Features	Mute Function (Contactless Quick-Mute), RGB AIMO Lighting
Material	Metal
Color	Black

Feature	Detail
Item Weight	1.1 Pounds (approx. 0.5 kg)
Product Dimensions (LxWxH)	3.74 x 5.43 x 8.19 inches (approx. 9.5 x 13.8 x 20.8 cm)
Power Source	Corded Electric (USB powered)
Included Components	Microphone, Base, USB Cables

7. WARRANTY AND SUPPORT






For warranty information and technical support, please refer to the official ROCCAT website or contact their customer service directly. Keep your proof of purchase for any warranty claims.

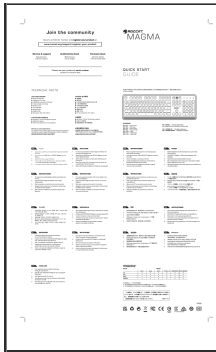
ROCCAT Official Website: www.roccat.com



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Related Documents - ROC-14-910

	<p>ROCCAT Kone XTD Optical Gaming Mouse - Features, Specifications, and Installation Guide</p> <p>Comprehensive guide to the ROCCAT Kone XTD Optical gaming mouse, detailing its advanced Pro-Optic sensor, versatile Easy-Shift[+]™ technology, customizable 16.8 million color lighting, technical specifications, button assignments, and installation steps.</p>
	<p>ROCCAT Kain 200/202 Quick Installation Guide</p> <p>This guide provides quick installation instructions for the ROCCAT Kain 200/202 wireless gaming mouse, including setup, button assignments, and technical specifications.</p>
	<p>ROCCAT Kain 200/202 Quick Installation Guide</p> <p>A quick installation guide for the ROCCAT Kain 200/202 wireless gaming mouse, detailing connection steps, technical specifications, and safety information.</p>
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[ROCCAT Magma Gaming Keyboard Quick Start Guide](#)

Get started quickly with your ROCCAT Magma gaming keyboard. This guide provides essential information on setup, technical specifications, and additional FN-layer functionality for optimal gaming performance.