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ROCCAT Vulcan TKL

ROCCAT Vulcan TKL Mechanical PC Gaming Keyboard

USER MANUAL

1. Introduction

This manual provides instructions for the setup, operation, maintenance, and troubleshooting of your ROCCAT Vulcan TKL Mechanical PC Gaming Keyboard. The Vulcan TKL is a tenkeyless mechanical keyboard designed for PC gaming, featuring Linear Titan Switches, per-key AIMO RGB lighting, an anodized aluminum top plate, and a detachable USB-C cable.

Key features include:

- Tenkeyless form factor for increased desk space and mouse movement.
- Titan Switch Mechanical with linear actuation for responsive keystrokes.
- Durable construction with a 50 million keystroke lifecycle.
- Ultra-low profile design to reduce wrist strain.
- Key stabilizer technology for solid and sturdy keys.
- AIMO intelligent lighting engine for customizable RGB effects.
- Mixer-style volume dial and dedicated media controls.

2. What's in the Box

Verify that all components are present in the packaging:

- ROCCAT Vulcan TKL Mechanical PC Gaming Keyboard
- Detachable USB-C Cable
- Quick Start Guide (not included in this manual)

3. Setup

Follow these steps to set up your ROCCAT Vulcan TKL keyboard:

1. **Connect the USB-C Cable:** Locate the USB-C port on the back of the keyboard. Connect the smaller

end of the provided USB-C cable to this port.

2. **Connect to PC:** Plug the standard USB-A end of the cable into an available USB port on your computer.



Image 3.1: Connecting the detachable USB-C cable to the keyboard.



Image 3.2: Close-up of the USB-C port on the keyboard.

3. **Driver Installation:** Your operating system should automatically detect and install the necessary drivers.
4. **Install ROCCAT Swarm Software:** For full customization of lighting, key assignments, and macros, download and install the ROCCAT Swarm software from the official ROCCAT website. This software allows you to configure advanced features and update firmware.

4. Operating Instructions

The ROCCAT Vulcan TKL keyboard offers a range of functions for gaming and general use.

4.1 Key Layout and Functions

The keyboard features a UK layout with standard alphanumeric keys, function keys (F1-F12), and dedicated media controls.



Image 4.1: Overview of the ROCCAT Vulcan TKL keyboard layout.

- **Function Keys (F1-F12):** These keys can have secondary functions when pressed in combination with the **FN** key. Refer to the keycaps for specific secondary functions (e.g., media playback, volume, lighting adjustments).

- **Volume Dial:** Located in the upper right corner, this dial allows for quick adjustment of system volume. Rotate clockwise to increase volume, counter-clockwise to decrease.



Image 4.2: The mixer-style volume dial for audio control.

4.2 AIMO RGB Lighting

The keyboard features per-key AIMO intelligent RGB lighting. This lighting system can be customized extensively using the ROCCAT Swarm software. AIMO reacts to your input and other compatible ROCCAT devices to create dynamic lighting effects.

- **Customization:** Use the ROCCAT Swarm software to select from various lighting effects, adjust brightness, and create custom lighting profiles.
- **On-board Storage:** The keyboard supports on-board profile storage, allowing you to save your preferred settings directly to the keyboard for use on different systems without the Swarm software.

4.3 Titan Switch Mechanical

The Vulcan TKL utilizes ROCCAT's Titan Switch Mechanical with linear actuation. This design provides a smooth and consistent keystroke, optimized for speed and responsiveness in gaming scenarios.



Image 4.3: Detailed view of the Titan Switch Mechanical.

4.4 Ergonomic Design

The keyboard features an ultra-low profile design, which helps to reduce wrist strain during extended use by allowing a more natural hand position.

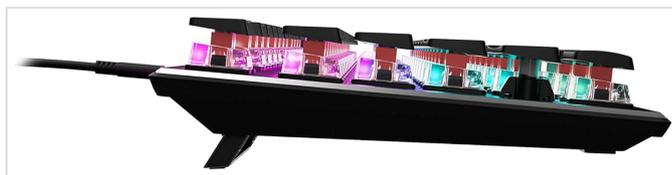


Image 4.4: Side profile of the keyboard demonstrating its low-profile design.



Image 4.5: Side view showing the keyboard's adjustable feet for ergonomic tilt.

5. Maintenance

Proper maintenance ensures the longevity and optimal performance of your keyboard.

- **Cleaning the Keyboard:** Regularly clean the keyboard surface and between keycaps to prevent dust and debris buildup. Use a soft, lint-free cloth, slightly dampened with water or a mild cleaning solution. For deeper cleaning, you may carefully remove keycaps (refer to online guides for safe keycap removal for your specific switch type) and use compressed air to clear debris. Ensure the keyboard is disconnected from your PC before cleaning.
- **Cable Care:** The detachable USB-C cable should be handled with care. Avoid sharp bends or excessive pulling to prevent damage to the cable or the keyboard's port.
- **Storage:** When not in use for extended periods, store the keyboard in a clean, dry environment away from extreme temperatures.

6. Troubleshooting

If you encounter issues with your ROCCAT Vulcan TKL keyboard, try the following troubleshooting steps:

- **Keyboard Not Responding:**
 - Ensure the USB-C cable is securely connected to both the keyboard and your PC.
 - Try connecting the keyboard to a different USB port on your PC.
 - Test the keyboard on another computer to determine if the issue is with the keyboard or your PC.
 - Restart your computer.
- **Keys Double-Typing or Not Registering:**
 - Ensure the keyboard firmware is up to date via the ROCCAT Swarm software.
 - Clean the affected key switches using compressed air to remove any debris.
 - If the issue persists, it may indicate a hardware fault. Refer to the Warranty and Support section.
- **RGB Lighting Issues:**
 - Verify that the ROCCAT Swarm software is running and the keyboard is detected.
 - Check lighting settings within Swarm to ensure desired effects are enabled.
 - Update the keyboard's firmware through Swarm.
- **ROCCAT Swarm Software Not Detecting Keyboard:**
 - Ensure the keyboard is properly connected to your PC.
 - Restart the Swarm software.
 - Reinstall the ROCCAT Swarm software.
 - Check for any conflicting software or drivers.

7. Specifications

Brand	ROCCAT
Model Name	Vulcan TKL
Model Number	ROC-12-274

Connectivity Technology	USB-C (Detachable)
Keyboard Description	Mechanical Gaming Keyboard
Switch Type	Titan Switch Mechanical (Linear)
Lighting	Per-key AIMO RGB Lighting
Material	Anodized Aluminum Top Plate
Dimensions (LxWxH)	14.17 x 5.25 x 1.34 inches (36 x 13.3 x 3.4 cm)
Item Weight	2.2 pounds (1 kg)
Compatible Devices	PC
Special Feature	Ergonomic, Tenkeyless Design

8. Warranty Information

ROCCAT products are covered by a manufacturer's warranty against defects in materials and workmanship. The specific terms and duration of your warranty may vary by region and product. Please retain your proof of purchase for warranty claims.

For detailed warranty information, please visit the official ROCCAT support website.

9. Support

For further assistance, technical support, or to download the latest drivers and software, please visit the official ROCCAT support website:

www.roccat.com/support

You can also find FAQs and community forums on the support page.