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> ROCCAT Vulcan TKL Pro Gaming Keyboard User Manual

ROCCAT ROC-12-642

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Model: ROC-12-642

PRODUCT OVERVIEW

The ROCCAT Vulcan TKL Pro is a high-performance tenkeyless gaming keyboard designed for precision and speed. It features ROCCAT's linear Titan Switch Optical, AIMO RGB lighting, and a low-profile ergonomic design for enhanced comfort during extended use. Its compact form factor provides more desk space for mouse movement, which is beneficial for gaming.



Image: Front view of the ROCCAT Vulcan TKL Pro keyboard, showcasing its white keys and vibrant RGB illumination.

PACKAGE CONTENTS

Verify that all items are present in the package:

- ROCCAT Vulcan TKL Pro Gaming Keyboard
- USB-C to USB-A Cable

- Quick Start Guide (not included in this manual)

SETUP INSTRUCTIONS

1. **Connect the Keyboard:** Locate the USB-C port on the back of the ROCCAT Vulcan TKL Pro keyboard. Insert the smaller end of the provided USB-C cable into this port.
2. **Connect to Computer:** Insert the larger USB-A end of the cable into an available USB port on your computer.
3. **Driver Installation:** Your operating system (Windows 7, 8, 10) should automatically detect and install the necessary drivers. Allow a few moments for this process to complete.
4. **Software Installation (Optional):** For full customization of lighting (AIMO RGB) and key assignments (Easy-Shift[plus]), download and install the ROCCAT Swarm software from the official ROCCAT website. This software provides advanced control over the keyboard's features.

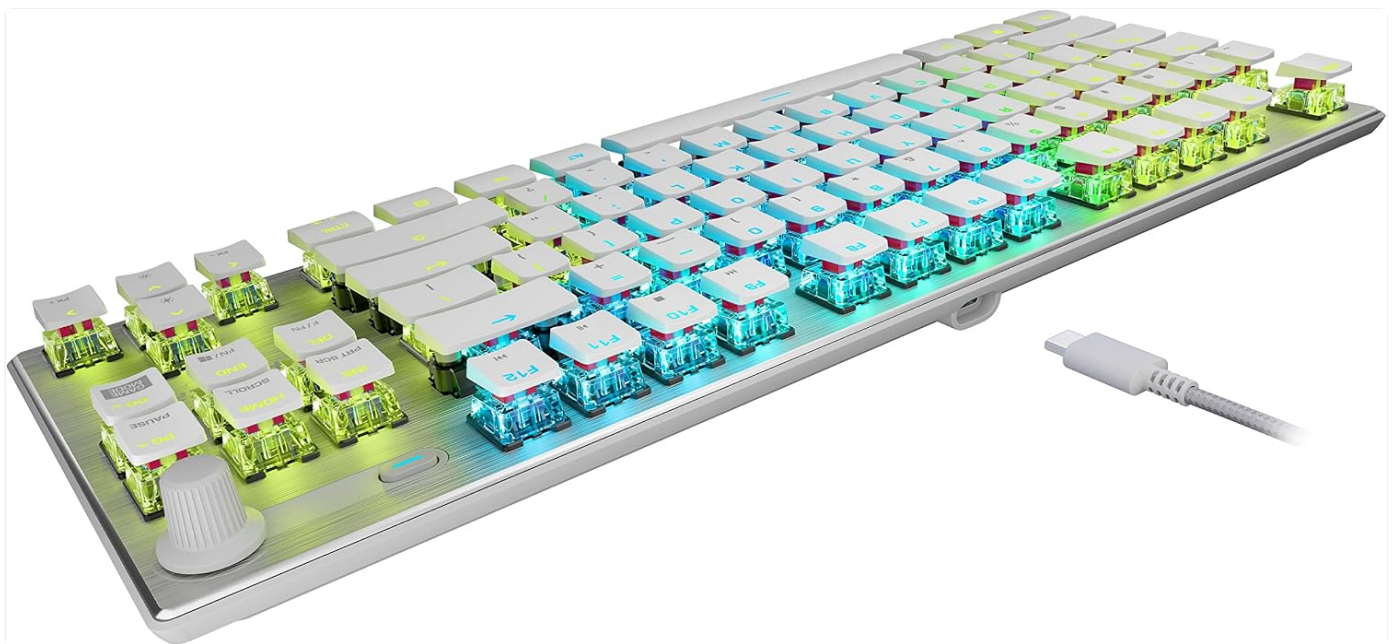


Image: The ROCCAT Vulcan TKL Pro keyboard with its detachable USB-C cable, illustrating the connection point.

OPERATING INSTRUCTIONS

Key Features and Functions

- **Titan Switch Optical:** The linear optical switches provide rapid actuation and a consistent mechanical feel. These switches are designed for durability, rated for 100 million keystrokes.
- **Tenkeyless Form Factor:** The compact design removes the numeric keypad, offering more space for mouse movement and an ergonomic setup.
- **AIMO RGB Lighting:** Per-key customizable RGB illumination. This intelligent lighting system reacts to your actions and integrates with other AIMO-compatible devices. Customization is available via ROCCAT Swarm software.
- **Mixer-Style Media Controls:** A dedicated tactile volume dial and mute button are located on the top right of the keyboard for convenient audio adjustments.



Image: Detailed view of the mixer-style media controls, including the volume dial and mute button.

- **Easy-Shift[plus] Technology:** This feature allows you to assign a secondary function to compatible keys by holding down a designated modifier key. This effectively doubles the command power of your keyboard. Configuration is done through the ROCCAT Swarm software.
- **Advanced Anti-Ghosting:** Ensures that every keystroke is registered accurately, even during rapid and complex key combinations.
- **Low-Profile Design:** Engineered to reduce wrist fatigue during prolonged use.

ULTRA-LOW PROFILE DESIGN

resists wrist strain

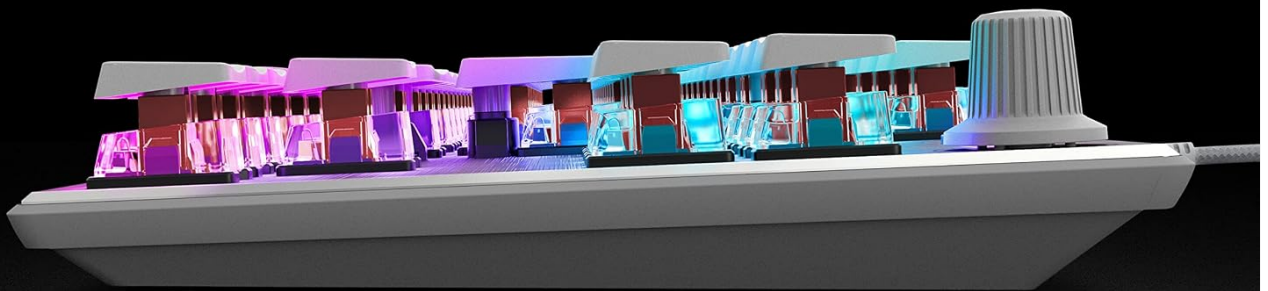


Image: Side view of the keyboard highlighting its ultra-low profile design, intended to minimize wrist strain.

Function Key Combinations

The keyboard utilizes the **FN** key for various secondary functions. Press and hold the **FN** key, then press the corresponding function key:

- **FN + F1-F4:** Profile switching (configurable in Swarm).
- **FN + F5-F8:** Macro keys (configurable in Swarm).
- **FN + F9-F12:** Default media controls (Play/Pause, Stop, Previous, Next). These can be dedicated to media keys by pressing FN+DEL.
- **FN + PGUP (Game Mode):** Activates Game Mode, which typically disables the Windows key to prevent accidental presses during gameplay.
- **FN + PGDN (Pause):** Pause function.
- **FN + INS (Insert):** Insert function.
- **FN + DEL (Delete):** Delete function. Also used to toggle F9-F12 to dedicated media keys.
- **FN + HOME (Home):** Home function.
- **FN + END (End):** End function.

- **FN + Scroll (Scroll Lock):** Scroll Lock function.
- **FN + Print Screen (Print Screen):** Print Screen function.

MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your ROCCAT Vulcan TKL Pro keyboard.

- **Cleaning the Keyboard:**
 - Disconnect the keyboard from your computer before cleaning.
 - Use a soft, lint-free cloth slightly dampened with water or a mild, non-abrasive cleaning solution to wipe down the keycaps and the aluminum top plate.
 - For dust and debris between keys, use compressed air.
 - Avoid using harsh chemicals, solvents, or abrasive materials, as these can damage the keyboard's finish or components.
- **Cable Management:** Ensure the USB cable is not excessively bent or strained, which can lead to damage over time.
- **Storage:** When not in use for extended periods, store the keyboard in a clean, dry environment away from extreme temperatures and direct sunlight.

TROUBLESHOOTING

This section addresses common issues you might encounter with your keyboard.

Problem	Possible Cause	Solution
Keyboard is not responding.	Loose USB connection, faulty USB port, driver issue.	<p>Ensure the USB cable is securely connected to both the keyboard and the computer.</p> <p>Try connecting the keyboard to a different USB port on your computer.</p> <p>Restart your computer.</p> <p>Check Device Manager for any driver errors and reinstall drivers if necessary.</p>
RGB lighting is not working or is incorrect.	Software issue, incorrect settings, AIMO synchronization.	<p>Ensure ROCCAT Swarm software is installed and up to date.</p> <p>Check lighting settings within the Swarm software.</p> <p>Verify AIMO synchronization settings if you have other ROCCAT AIMO devices.</p> <p>Try resetting the keyboard settings in Swarm.</p>
Keys are not registering or double-typing.	Dust/debris under keycap, software conflict, switch issue.	<p>Use compressed air to clear any debris around and under the affected keycap.</p> <p>Ensure ROCCAT Swarm software is not conflicting with other keyboard software.</p> <p>If the issue persists, contact ROCCAT support.</p>

Problem	Possible Cause	Solution
Media controls are not functioning.	Software issue, incorrect key combination.	Ensure media player software is active. Verify that the F9-F12 keys are not locked to standard function mode (toggle with FN+DEL). Check ROCCAT Swarm for any custom assignments overriding default media functions.

SPECIFICATIONS

Feature	Detail
Model Name	ROCCAT Vulcan TKL Pro
Model Number	ROC-12-642
Switch Type	Linear Titan Switch Optical
Actuation Point	Optical speed actuation
Keystroke Lifespan	100 million keystrokes
Form Factor	Tenkeyless (TKL)
Lighting	AIMO RGB (Per-key illumination)
Connectivity	USB-C (Detachable cable)
Top Plate Material	Anodized Aluminum
Operating System Compatibility	Windows 7, Windows 8, Windows 10
Dimensions (LxWxH)	14.17 x 5.24 x 1.34 inches (360 x 133 x 34 mm)
Weight	2.09 pounds (0.95 kg)

WARRANTY AND SUPPORT

The ROCCAT Vulcan TKL Pro keyboard comes with a 2-year limited manufacturer warranty. For warranty claims, technical support, or further assistance, please visit the official ROCCAT support website or contact their customer service directly.

ROCCAT Support Website: www.roccat.com/support

