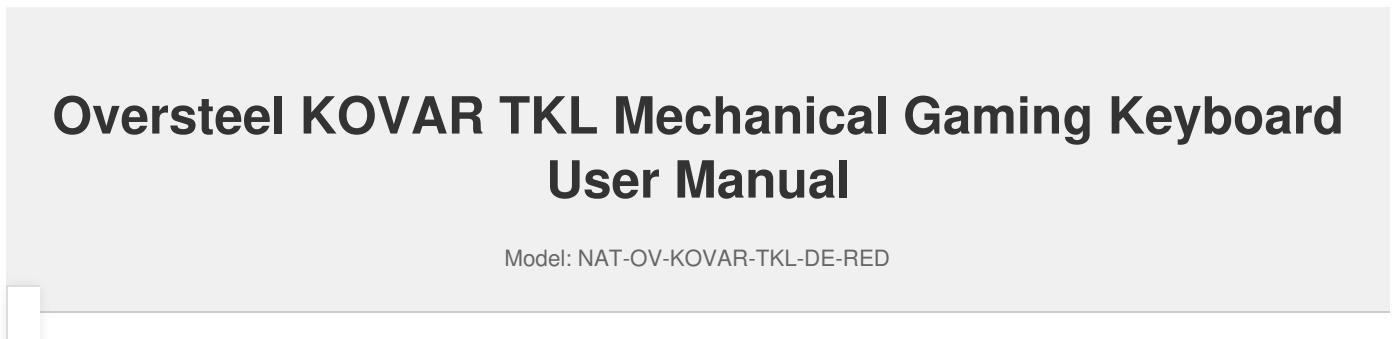


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› [Oversteel KOVAR TKL Mechanical Gaming Keyboard User Manual](#)

Oversteel NAT-OV-KOVAR-TKL-DE-RED



1. INTRODUCTION

Thank you for choosing the Oversteel KOVAR TKL Mechanical Gaming Keyboard. This compact, tenkeyless (TKL) keyboard is engineered for gaming performance, featuring durable Outemu Red mechanical switches, vibrant RGB backlighting, and advanced anti-ghosting technology. This manual provides essential information for setting up, operating, and maintaining your keyboard to ensure optimal performance and longevity.

2. PACKAGE CONTENTS

- Oversteel KOVAR TKL Mechanical Gaming Keyboard
- USB-C to USB-A Cable
- User Manual (this document)

3. PRODUCT OVERVIEW

The Oversteel KOVAR TKL keyboard is designed for gamers who require a compact form factor without compromising on performance. Its key features include:

- Tenkeyless (TKL) Design:** A compact layout that removes the numeric keypad, saving desk space and improving ergonomics for mouse movement.
- Outemu Red Mechanical Switches:** Known for their linear and smooth keystrokes, ideal for rapid key presses in gaming. These switches have a lifespan of over 55 million keystrokes.
- Dynamic RGB Backlighting:** Offers 22 distinct lighting modes and customizable color combinations via integrated software. Side lighting strips enhance the aesthetic.
- Anti-Ghosting & Full Key Rollover (NKRO):** Ensures every key press is registered accurately, even during simultaneous key inputs, crucial for competitive gaming.
- Detachable USB-C Cable:** Provides convenient connectivity and portability.
- Durable Construction:** Built with quality materials for longevity and stability.



Figure 3.1: Top-down view of the Oversteel KOVAR TKL keyboard, showcasing its compact layout and RGB backlighting.

4. SETUP INSTRUCTIONS

- Unpack the Keyboard:** Carefully remove the keyboard and USB-C cable from its packaging.
- Connect the Cable:** Insert the USB-C end of the provided cable into the port on the back of the keyboard.
- Connect to Computer:** Plug the USB-A end of the cable into an available USB port on your computer (PC, Mac) or Android device.
- Automatic Installation:** Your operating system should automatically detect and install the necessary drivers. No additional software is typically required for basic functionality.
- Optional Software:** For advanced RGB customization and macro programming, download the dedicated Oversteel software from the official Oversteel website (if available).

5. OPERATING INSTRUCTIONS

5.1. RGB Backlighting Control

The KOVAR TKL keyboard features extensive RGB backlighting with various effects.

- Changing Lighting Modes:** Use specific key combinations (often involving the **Fn** key) to cycle through the 22 available RGB lighting modes, such as wave, breathing, ripple, and static color effects. Refer to the keyboard's keycaps for specific function indicators.
- Adjusting Brightness:** The backlight brightness can typically be adjusted in four levels using dedicated function key combinations.
- Customization Software:** For advanced customization, including creating custom color profiles and effects, install the Oversteel software.
- Side Lighting:** The keyboard features side lighting strips that can also be adjusted for static colors or dynamic effects. While the main backlight can be fully turned off, the side lighting may not have a direct off function via keyboard shortcuts.



Figure 5.1: Angled view showing the RGB backlighting and side lighting of the KOVAR TKL keyboard.

5.2. Function Key Combinations

The **Fn** key (Function key) allows access to secondary functions printed on various keycaps.

- **Media Controls:** Typically found on the F-keys (F1-F12), these allow control over media playback (play/pause, stop, next/previous track) and volume (mute, volume up/down).
- **Application Shortcuts:** Some F-keys may have shortcuts for common applications or system functions.
- **Lighting Adjustments:** As mentioned in Section 5.1, lighting modes and brightness are often controlled via Fn key combinations.

Note: Specific Fn key combinations may vary. Refer to the legends printed on your keycaps for exact functions.

6. MAINTENANCE

Proper maintenance ensures the longevity and performance of your keyboard.

- **Cleaning:**
 - Disconnect the keyboard before cleaning.
 - Use a soft, lint-free cloth slightly dampened with water or a mild cleaning solution to wipe the keycaps and chassis.
 - For dust and debris between keys, use compressed air.
 - Avoid harsh chemicals or abrasive materials.
- **Storage:** Store the keyboard in a dry, cool place away from direct sunlight and extreme temperatures.
- **Handling:** Avoid dropping the keyboard or exposing it to liquids.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Keyboard not responding	Loose USB connection, faulty port, driver issue.	<ol style="list-style-type: none"> 1. Ensure USB cable is securely connected to both keyboard and computer. 2. Try a different USB port on your computer. 3. Test the keyboard on another computer if possible. 4. Restart your computer.
Backlighting not working or incorrect	Lighting mode off, brightness too low, software conflict.	<ol style="list-style-type: none"> 1. Use Fn key combinations to cycle through lighting modes and adjust brightness. 2. Ensure the keyboard is not in a "lighting off" mode. 3. If using software, ensure it is running correctly and settings are applied. 4. Reinstall keyboard software if issues persist.
Keys not registering or ghosting	Software conflict, physical obstruction, faulty switch.	<ol style="list-style-type: none"> 1. Ensure no debris is lodged under the keycap. 2. Update or reinstall keyboard drivers. 3. Test the keyboard on another system to rule out software issues. 4. If a specific key is consistently failing, it may indicate a faulty switch requiring professional service.

8. SPECIFICATIONS

Feature	Detail
Brand	Oversteel
Model	KOVAR TKL (NAT-OV-KOVAR-TKL-DE-RED)
Keyboard Layout	Tenkeyless (TKL), German Layout
Switch Type	Outemu Red Mechanical Switches
Backlighting	RGB (22 modes, customizable)
Connectivity	Wired USB (Detachable USB-C cable)
Anti-Ghosting	Full Key Rollover (NKRO)
Compatible Devices	PC, Mac, Android
Color	Black
Material	Plastic
Origin	Spain (Manufacturer: Oversteel)

9. WARRANTY AND SUPPORT

Oversteel products are designed for reliability and performance. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official Oversteel website.

- Technical Support:** For technical assistance, troubleshooting beyond this manual, or inquiries about replacement parts, please contact Oversteel customer support through their official channels.
- Software Updates:** Information regarding software updates for the keyboard's customization utility may be found on the official Oversteel website.

Note: Information regarding spare parts availability and guaranteed software updates is not explicitly provided at the time of this manual's publication.

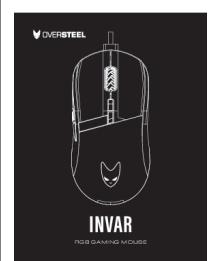
10. SAFETY INFORMATION

- Do not expose the keyboard to water or excessive moisture.
- Avoid extreme temperatures, direct sunlight, and high humidity.
- Do not attempt to disassemble or modify the keyboard. This may void your warranty and cause damage.
- Keep out of reach of small children.
- Dispose of electronic waste responsibly according to local regulations.

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Related Documents - NAT-OV-KOVAR-TKL-DE-RED

	<p>Oversteel KRYPTO 24" Gaming Monitor User Manual Full HD 165Hz</p> <p>Explore the Oversteel KRYPTO 24-inch gaming monitor. This user manual provides detailed information on setup, operation, safety precautions, and technical specifications for the Full HD 165Hz display.</p>
	<p>Oversteel Bulat Full HD Webcam - Specifications and Setup Guide</p> <p>Detailed specifications, setup instructions, and troubleshooting Q&A for the Oversteel Bulat Full HD Webcam, featuring 1080p resolution and 60FPS.</p>
	<p>Oversteel Magnox RGB Gaming Mouse User Manual</p> <p>User manual for the Oversteel Magnox RGB Gaming Mouse, covering system requirements, technical specifications, and software features for lighting, key assignment, DPI, and macro customization.</p>
	<p>Oversteel Quantum ARGB Full Modular Power Supply User Manual</p> <p>User manual for the Oversteel Quantum ARGB Full Modular Power Supply series (650W, 750W, 850W). Details specifications, safety guidelines, installation steps, and important user information for efficient and reliable PC power.</p>



[Oversteel INVAR RGB Gaming Mouse User Manual](#)

Learn how to configure and use the Oversteel INVAR RGB Gaming Mouse. This manual covers button functions, profiles, DPI settings, lighting customization, and macro editing.



[Oversteel Azurite Gaming PC Case: User Manual and Technical Specifications](#)

Comprehensive guide for the Oversteel Azurite Gaming PC Case, featuring technical specifications, component diagrams, and installation instructions in multiple languages.