Speedlink SL-670008-BKRD-US

ULTOR Mechanical USB-Gaming Keyboard

MODEL: SL-670008-BKRD-US

Brand: Speedlink

Introduction

The Speedlink ULTOR Mechanical USB-Gaming Keyboard is designed for professional gamers, offering advanced customization and robust performance. Featuring red mechanical Kaihua Kailh switches, customizable LED illumination, and N-key rollover, this keyboard provides precision and durability for intense gaming sessions. Its aluminium body ensures long-lasting use, while programmable macro keys and configurable settings allow for a personalized gaming experience.

Package Contents

- ULTOR Mechanical USB-Gaming Keyboard
- USB Cable (integrated)
- Quick Start Guide (not included in this manual)

Setup

1. **Unpacking:** Carefully remove the keyboard from its packaging.
2. **Connection:** Locate an available USB port on your computer. Insert the USB connector of the ULTOR keyboard firmly into the USB port.
3. **Driver Installation:** The keyboard is plug-and-play for basic functionality. For advanced features such as macro programming and detailed illumination control, ensure your operating system is Windows XP, Vista, 8, or 10. Drivers should install automatically upon connection. If not, please refer to the official Speedlink website for driver downloads.
4. **Placement:** Place the keyboard on a stable, flat surface.

Figure 1: Top-down view of the ULTOR Mechanical Gaming Keyboard. This image displays the full US-layout keyboard with its red aluminum base and black keycaps, highlighting the blue LED illumination on the main keys.

Operating Instructions

Key Features and Functions

- **Mechanical Switches:** Equipped with red mechanical Kaihua Kailh switches for tactile feedback and durability.
- **LED Illumination:** Customizable blue illumination for main keys and white illumination for critical gaming keys (WASD, arrow keys, etc.) for enhanced visibility in low-light conditions.
- **Macro Keys:** Six dedicated macro keys (M1-M6) for programming complex command sequences.
- **N-Key Rollover:** Advanced anti-ghosting technology ensuring every key press is registered, even during simultaneous multiple key presses.
- **Configurable Polling Rate:** Adjust the keyboard's response time up to 1,000Hz (1 millisecond) for optimal performance.
- **Windows Key Deactivation:** Prevents accidental interruption of gameplay by disabling the Windows key.
- **Swappable WASD/Arrow Keys:** Allows for physical swapping of WASD and arrow key functions.

Customizing LED Illumination

The ULTOR keyboard features customizable LED backlighting. Specific instructions for adjusting brightness, patterns, and key-specific illumination are typically managed through the Speedlink driver software. Install the latest driver from the official Speedlink website for full control over illumination settings.

Programming Macro Keys (M1-M6)

The six dedicated macro keys (M1, M2, M3, M4, M5, M6) located on the right side of the keyboard can be programmed to execute complex sequences of key presses, mouse clicks, or delays. Macro programming is performed using the dedicated driver software. Refer to the software's built-in help or the Speedlink website for detailed instructions on creating and assigning macros.

Figure 2: Angled view of the ULTOR Mechanical Gaming Keyboard. This perspective showcases the ergonomic keycap design and the robust red aluminum chassis.

N-Key Rollover and Anti-Ghosting

The ULTOR keyboard supports N-Key Rollover (NKRO), meaning it can accurately register an unlimited number of simultaneous key presses. This feature is crucial for fast-paced gaming where multiple commands may be issued at once, preventing "ghosting" (unregistered key presses) or "key jamming" (incorrect key presses).

Adjusting Polling Rate

The polling rate determines how frequently the keyboard reports its status to the computer. The ULTOR keyboard allows for a configurable polling rate up to 1,000Hz, providing a response time as low as 1 millisecond. This setting can typically be adjusted within the keyboard's driver software to optimize responsiveness for competitive gaming.

Windows Key Deactivation

To prevent accidental activation of the Windows Start Menu during intense gaming, the ULTOR keyboard offers a function to deactivate the Windows key. This function is usually toggled via a specific key combination (e.g., Fn + Windows key) or through the driver software. Refer to the keyboard's specific key legend or software interface for the exact method.

Maintenance

- **Cleaning:** Use a soft, dry cloth to wipe down the keyboard surface. For dust and debris between keys, use compressed air. Avoid using harsh chemicals or abrasive materials.

- **Spills:** In case of liquid spills, immediately disconnect the keyboard from your computer. Invert the keyboard to drain liquid and allow it to dry completely for at least 24-48 hours before reconnecting. Do not attempt to use the keyboard while wet.

- **Keycap Removal:** If necessary, keycaps can be carefully removed for deeper cleaning using a keycap puller (not included). Be gentle to avoid damaging the mechanical switches.
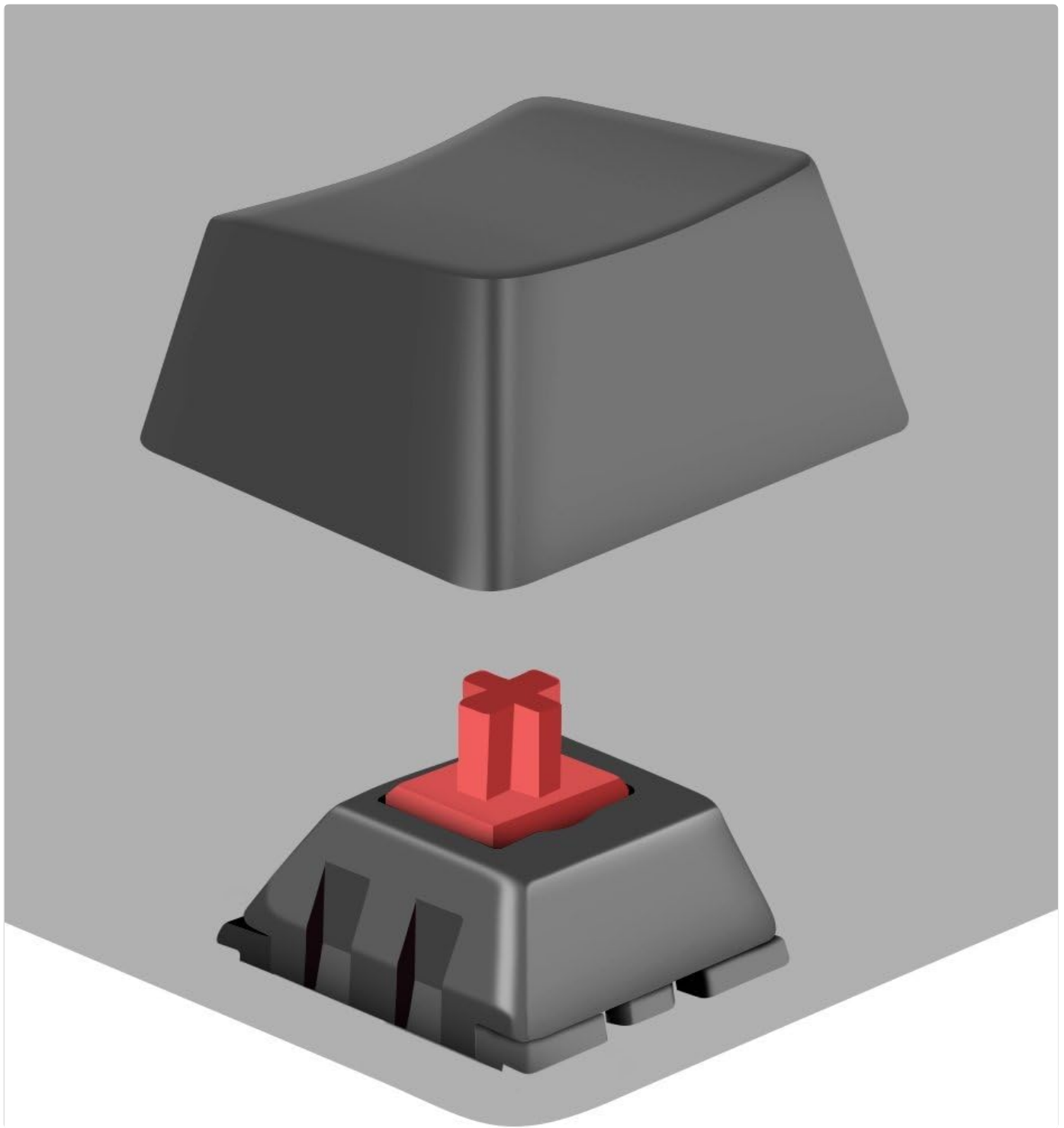
Figure 3: Close-up of a mechanical key switch. This image illustrates the red Kaihua Kailh switch mechanism beneath a keycap, demonstrating the mechanical design.

Troubleshooting

Problem	Possible Cause	Solution
Keyboard not responding	Loose USB connection, faulty USB port, driver issue.	Ensure USB cable is securely connected. Try a different USB port. Restart your computer. Reinstall keyboard drivers from the Speedlink website.
LED illumination not working	Illumination turned off, software issue, power issue.	Check if illumination is toggled off via keyboard shortcuts (e.g., Fn + F-keys) or in the driver software. Ensure the keyboard is receiving sufficient power.

Problem	Possible Cause	Solution
Macro keys not functioning	Macros not programmed, incorrect profile selected, software not running.	Ensure macros are correctly programmed using the Speedlink driver software. Verify the correct profile is active. Ensure the driver software is running in the background.
Keys are "ghosting" or not registering	Software conflict, extreme simultaneous key presses (unlikely with NKRO), physical damage.	Ensure no conflicting software is running. Test the keyboard on another computer. If the issue persists, contact customer support.

Specifications

Model Number	SL-670008-BKRD-US
Keyboard Type	Mechanical Gaming Keyboard
Switch Type	Red Kaihua Kailh Mechanical Switches
Layout	US-Layout (104 keys)
Illumination	Customizable LED (Blue for main, White for gaming keys)
Macro Keys	6 (M1-M6)
Anti-Ghosting	N-Key Rollover
Polling Rate	Up to 1,000Hz (1ms response time)
Connectivity	USB (Corded)
Cable Length	1.7m (hard-wearing sheath)
Material	Aluminium body
Dimensions (LxWxH)	4.8 x 13.8 x 1.3 inches (12.2 x 35.1 x 3.3 cm)
Weight	1.5 pounds (0.68 kg)
Operating System Compatibility	Windows XP / Vista / 8 / 10
Power Source	Corded Electric, 5 Volts

Warranty and Support

For warranty information, technical support, and driver downloads, please visit the official Speedlink website. Keep your proof of purchase for warranty claims. Contact information for customer service can typically be found on the Speedlink support page.

Official Product Videos

No official product videos are available for embedding at this time.

Related Documents

	[Speedlink TAUROX SL-680016-BK Black Gaming Mouse - 7200 DPI, RGB](#) Discover the Speedlink TAUROX SL-680016-BK Black Gaming Mouse, featuring 5 configurable buttons, 2 DPI switches, and multi-colour RGB illumination. With a 7,200 DPI sensor, internal memory, and driverless installation, it's perfect for precise gaming. Customize macros and profiles with ease.
	[Speedlink MANDAS LED Gaming Headset User Guide](#) User guide for the Speedlink MANDAS LED Gaming Headset, covering setup, wired and wireless usage, power saving, safety instructions, and conformity notices.
	[Speedlink Orios RGB Gaming Mouse User Guide](#) Official user guide for the Speedlink Orios RGB Gaming Mouse. Learn about setup, intended use, health and safety, disposal, conformity, and technical support for your Speedlink Orios RGB.
	[Speedlink TOKEN RGB Gaming Stereo Speaker User Guide and Safety Information](#) Comprehensive user guide and safety instructions for the Speedlink TOKEN RGB Gaming Stereo Speaker (model SL-810008-BK), detailing setup, intended use, compliance, and important safety precautions.