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› DELUX RTS1 Wired One-Handed Gaming Keyboard User Manual

## DELUX RTS1

# DELUX RTS1 Wired One-Handed Gaming Keyboard User Manual

Model: RTS1

## INTRODUCTION

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The DELUX RTS1 is a wired one-handed gaming keyboard designed for enhanced gaming performance. It features advanced Hall Effect magnetic switches, a high 8000Hz polling rate, customizable RGB lighting, and a web-based driver for personalized settings. This manual provides instructions for setup, operation, maintenance, and troubleshooting to ensure optimal use of your keyboard.



Image: The DELUX RTS1 one-handed gaming keyboard with RGB backlighting and an ergonomic palm rest.

## PACKAGE CONTENTS

- RTS1 One-handed Gaming Keyboard
- 1.6m Paracord Type-C Charging Cable
- User Manual (this document)

## SETUP INSTRUCTIONS

1. **Connect the Keyboard:** Plug the USB Type-C cable into the keyboard and the standard USB-A end into an available USB port on your computer. The keyboard is plug-and-play and should be recognized

automatically by your operating system.

2. **Positioning:** Place the keyboard on a stable surface. The integrated palm rest is designed for comfortable support during extended gaming sessions. The five silicone anti-slip pads on the bottom ensure stability.
3. **Web Driver Access:** For customization of lighting, sensitivity, and key actuation, open a web browser and navigate to the official DELUX web driver portal. The specific URL can typically be found in the included quick start guide or on the DELUX official website. No software download is required.



Image: The DELUX RTS1 keyboard connected via its USB cable, positioned on a desk next to a gaming mouse.

## OPERATING INSTRUCTIONS

### Magnetic Switches and Rapid Trigger

The RTS1 keyboard utilizes advanced Hall Effect magnetic switches, offering adjustable actuation from 0.1 to 4.0 mm. This allows for precise control, enabling faster keypresses or more accurate typing based on your preference.

The **Rapid Trigger** feature allows for instant key release and reset, facilitating quick "stop and go" movements in games without lag. This is achieved through the magnetic axis technology, which eliminates physical contact

for key registration.

# Rapid Trigger Quickly Stop and Go

Magnetic axis macro function, support for custom macros, a key release moves fast trigger fast reset.

**0 dead zones, 0 broken contacts**

**RT Accuracy**  
0.1mm

**Trigger key range**  
xxmm

4mm

xxmm

ON Free Adjustment

OFF Free Adjustment

Magnetic axis adjustable trigger termination area

An exploded view of a keyboard key mechanism is shown on the left, featuring a pink keycap, a metal stem, a grey key housing, a spring, and a grey base. To the right, a diagram illustrates the adjustable magnetic axis. It consists of two vertical blue bars. The left bar is labeled 'RT Accuracy' with '0.1mm' at the top and '4mm' at the bottom. The right bar is labeled 'Trigger key range' with 'xxmm' at the top and 'xxmm' at the bottom. Two circular markers labeled 'ON' and 'OFF' are positioned on the right bar, each with 'Free Adjustment' text and arrows indicating movement. A small upward-pointing triangle is located below the right bar, with the text 'Magnetic axis adjustable trigger termination area' underneath it.

Image: A diagram showing the internal components of a magnetic switch and visual representations of adjustable actuation range (0.1mm to 4mm) and rapid trigger functionality.

## 8000Hz Polling Rate

The keyboard operates at an 8000Hz polling rate, which means it reports key presses to your computer 8000 times per second. This ultra-low latency ensures minimal delay between your input and the on-screen action, providing a competitive edge in fast-paced scenarios.

# 8K Hz Polling Rate

8 times faster response than conventional keyboards



Image: A visual comparison demonstrating the significantly faster response time of an 8000Hz polling rate compared to a 1000Hz polling rate.

## Customizable RGB Lighting Effects

The RTS1 keyboard features over 10 RGB backlit modes with 16.8 million color options. These lighting effects can be customized to match your personal style or gaming environment through the web driver.

## Web Driver Customization

The keyboard's settings can be modified directly through a web browser. This includes:

- Lighting settings (modes, colors, brightness)
- Sensitivity parameters
- Dynamic simulation of magnetic axis test
- Debugging trigger key stroke
- Customizable macros for complex in-game combos



Image: A screenshot showing the graphical user interface of the DELUX web driver, accessible via a browser, for customizing keyboard settings.

### **Customized Textured Keycaps**

The keycaps are designed with a non-slip texture to enhance finger grip and prevent slips during intense gameplay. This tactile design also aids in quick key positioning without needing to look at the keyboard.

# Customised Textured Keycaps

The non-slip textures on the gaming keys allow you to quickly position the keys without having to look at the keyboard, so you can always enjoy superior control, no matter how intense the battle.



Image: A close-up view of several individual keycaps, highlighting their customized textured surfaces.

## MAINTENANCE

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To ensure the longevity and optimal performance of your DELUX RTS1 keyboard, follow these maintenance guidelines:

- **Cleaning:** Regularly clean the keyboard with a soft, dry cloth. For dust and debris between keycaps, use compressed air. Avoid using harsh chemicals or abrasive materials.
- **Cable Care:** Handle the USB cable gently. Avoid sharp bends or excessive pulling, which can damage the cable or connectors.
- **Storage:** When not in use, store the keyboard in a clean, dry environment away from extreme temperatures and direct sunlight.

## TROUBLESHOOTING

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### Keyboard Not Responding:

- Ensure the USB cable is securely connected to both the keyboard and the computer.

- Try connecting the keyboard to a different USB port on your computer.
- Test the keyboard on another computer to determine if the issue is with the keyboard or your system.

#### **Web Driver Customization Issues:**

- Verify that your internet connection is stable.
- Ensure you are using a compatible and updated web browser.
- Clear your browser's cache and cookies, then try accessing the web driver again.
- Confirm you are using the correct URL for the DELUX web driver, typically found on the official DELUX website or in the product's quick start guide.

#### **RGB Lighting Not Working/Customizing:**

- Check the web driver settings to ensure RGB lighting is enabled and configured as desired.
- Ensure the keyboard is properly connected and receiving power.

## **SPECIFICATIONS**

<b>Feature</b>	<b>Detail</b>
Model Number	RTS1
Keys	34 Keys
Switch Type	Hall Effect Magnetic Switches (Outemu)
Actuation Range	0.1 to 4.0 mm (Adjustable)
Polling Rate	8000Hz
Connectivity	Wired (USB Type-C)
Backlighting	RGB (10+ modes, 16.8 million colors)
Special Features	Rapid Trigger, Customizable Textured Keycaps, 5 Silicone Anti-slip Pads, Web Driver Customization
Product Dimensions	9.04 x 6.58 x 1.44 inches
Item Weight	13.9 ounces
Material	Plastic

## **WARRANTY AND SUPPORT**

DELUX products are manufactured to high-quality standards. For warranty information, please refer to the warranty card included with your product or visit the official DELUX website. If you encounter any issues or require technical assistance, please contact DELUX customer service through their official support channels. Details for customer service can typically be found on the DELUX website or in the product packaging.

