DIERYA DK98SE

DIERYA DK98SE Gaming Keyboard User Manual

Model: DK98SE

1. INTRODUCTION

This manual provides detailed instructions for the setup, operation, maintenance, and troubleshooting of your DIERYA DK98SE 98-key mechanical gaming keyboard. Please read this manual thoroughly before using the product to ensure optimal performance and longevity.

Figure 1: DIERYA DK98SE Gaming Keyboard (White Red Switch model)

2. PACKAGE CONTENTS

Verify that all items listed below are included in your product package:

- Mechanical keyboard x 1
- Type-C cable x 1

- Keycap pliers x 1
- User manual x 1

Figure 2: Included items in the DK98SE package

3. PRODUCT OVERVIEW

The DIERYA DK98SE is a compact 98-key mechanical keyboard designed for both gaming and typing, featuring durable switches and ergonomic considerations.

3.1. Compact 98-Key Layout

The DK98SE features a compact yet practical 98-key layout, which includes a numeric keypad and a separate arrow key area. This design optimizes desktop space while retaining essential functionality.

Figure 3: DK98SE 98-key layout and dimensions (378 x 120 x 45 mm)

3.2. Genuine Mechanical Switches

Equipped with independently developed mechanical switches, the DK98SE offers a consistent and durable typing experience. The Red Switches provide a linear quiet sound with fast action and minimal resistance, ideal for gaming performance. These switches are rated for a lifespan of 60 million keystrokes.

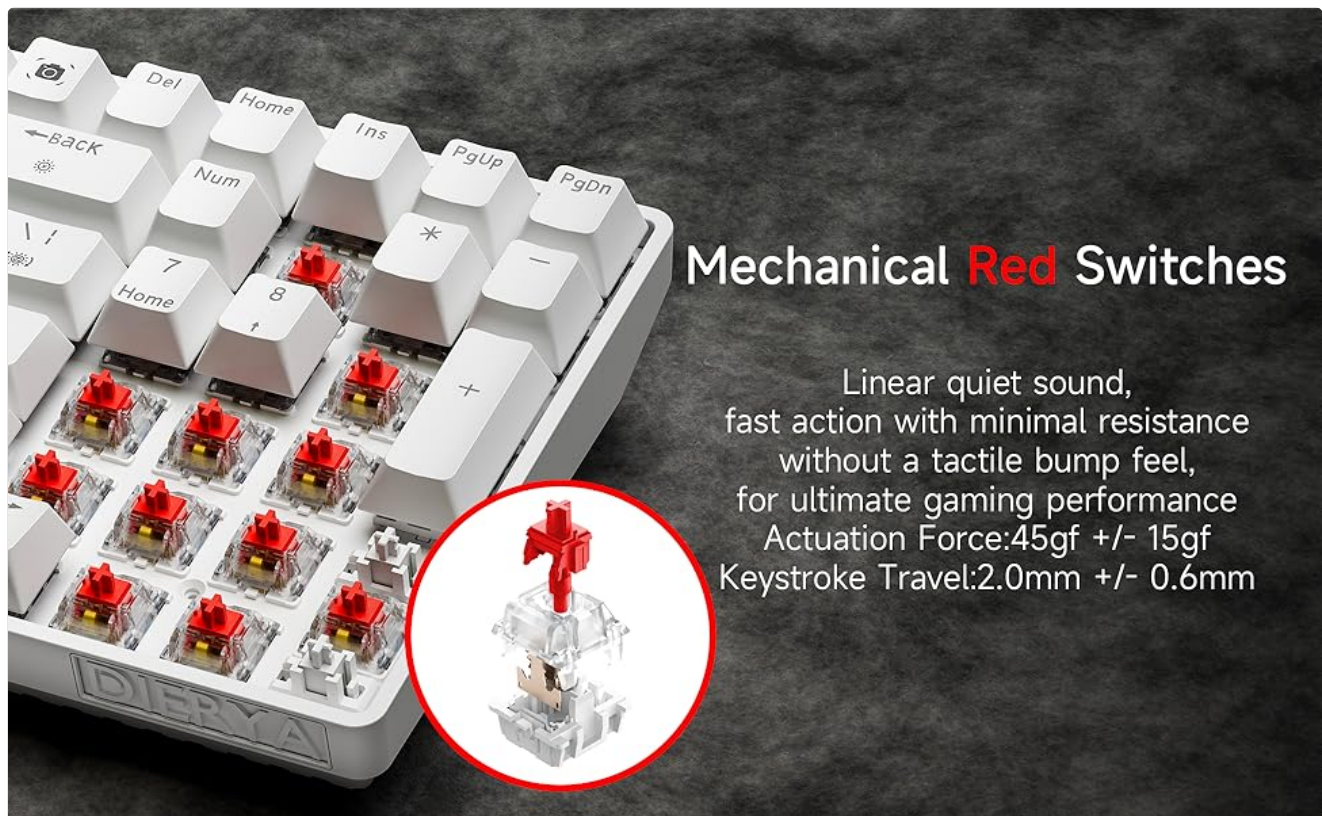Figure 4: TMBK Autonomous Mechanical Red Switches

Figure 5: Mechanical Red Switches detail with actuation force and travel

3.3. Ergonomic Design

The keyboard features an ergonomic design with anti-slip pads and two-level adjustable tilt supports, allowing users to find a comfortable typing angle. The scientific stepped keycap design further enhances comfort and minimizes hand fatigue during extended use.

Figure 6: Ergonomic design and adjustable rear feet

Figure 7: Keycap design for comfort and uniform backlighting

3.4. Full Anti-Ghosting

The DK98SE supports full anti-ghosting, ensuring that all key presses are registered accurately, even during rapid and simultaneous inputs. This feature is crucial for a smooth gaming and typing experience, complemented by a 1000Hz polling rate for zero delay.

Figure 8: Full Key Anti-Ghosting capability

4. SETUP

The DIERYA DK98SE keyboard is a plug-and-play device, requiring minimal setup.

1. **Connect the USB-C Cable:** Insert the USB-C end of the provided cable into the port on the keyboard.

2. **Connect to Computer:** Insert the USB-A end of the cable into an available USB port on your computer (Desktop/Laptop).

3. **Driver Installation:** The keyboard is plug-and-play. Your operating system (Windows 11/10/8/7/XP, Mac OS, Vista, Linux) will automatically detect and install the necessary drivers. No additional software installation is required for basic functionality.

Figure 9: USB-C Port for plug and play connectivity

5. OPERATING INSTRUCTIONS

5.1. Basic Usage

Once connected, the keyboard is ready for immediate use for typing and general computer navigation. The 98-key layout provides a full set of alphanumeric keys, a numeric keypad, and dedicated arrow keys.

5.2. Backlight Control

The DK98SE features a single color ice blue backlight with 15 different backlight modes. Use the following key combinations to control the backlight:

FN + Backspace: Turn the backlight on or off.

FN + | (Pipe/Backslash key): Switch between the 15 different backlight modes.

FN + ↑ (Up Arrow): Increase backlight brightness.

FN + ↓ (Down Arrow): Decrease backlight brightness.

FN + ← (Left Arrow): Decrease backlight speed.

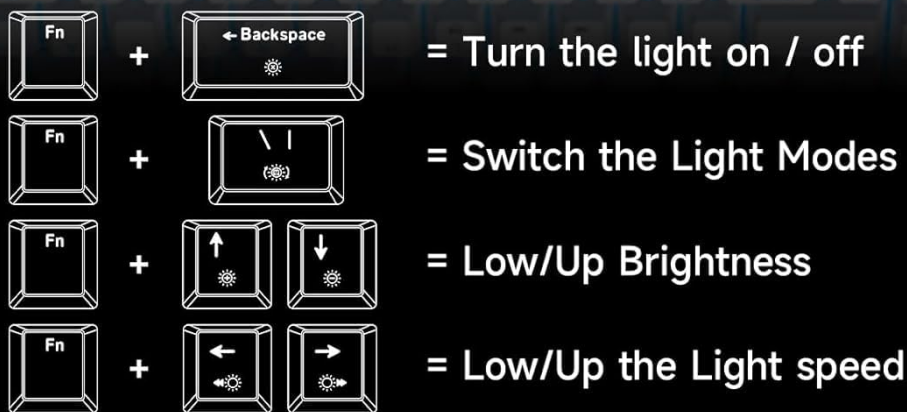**FN + → (Right Arrow):** Increase backlight speed.

Figure 10: Backlight control key combinations

5.3. Special Function Keys

The keyboard includes dedicated function keys for enhanced productivity:

- **FN + F1-F12:** Access multimedia controls and other system functions. Refer to the keycap legends for specific functions.
- **Dedicated Macro Keys:** The keyboard features specific keys that act as macros. For example, the Print Screen key is replaced by a Snipping Tool macro, and the Right Control key is replaced by a Show Desktop macro. Users should be aware of these changes from standard keyboard layouts.

6. MAINTENANCE

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

- **Cleaning:** Use a soft, dry cloth to wipe down the keyboard surface. For deeper cleaning, use a can of compressed air to remove dust and debris from between the keycaps. For stubborn dirt, a slightly damp cloth with mild soap can be used, ensuring no liquid enters the keyboard.

- **Keycap Removal:** Use the provided keycap puller to carefully remove keycaps for cleaning or switch access. Avoid excessive force to prevent damage.
- **Storage:** When not in use, store the keyboard in a clean, dry environment away from direct sunlight and extreme temperatures.
- **Cable Care:** Avoid bending or kinking the USB-C cable excessively to prevent internal wire damage.

7. TROUBLESHOOTING

If you encounter issues with your DIERYA DK98SE keyboard, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Keyboard not responding / No input	Loose USB connection, faulty cable, driver issue, or USB port problem.	- Ensure the USB-C cable is securely connected to both the keyboard and the computer. - Try connecting the keyboard to a different USB port on your computer. - Test with a different USB-C cable if available. - Restart your computer.
Backlight not working or stuck	Backlight turned off, mode selected, or software glitch.	- Press **FN + Backspace** to toggle the backlight on/off. - Press **FN +** | to cycle through backlight modes. - Adjust brightness using **FN +** ↑/↓. - Unplug and replug the keyboard.
Keys not registering consistently	Dust/debris under keycap, switch malfunction, or anti-ghosting issue.	- Use the keycap puller to remove the affected keycap and clean underneath with compressed air. - Ensure full anti-ghosting is functioning correctly (it is an automatic feature). - If the issue persists for a specific key, it may indicate a switch malfunction requiring professional service.
Keyboard recognized but not typing on Mac/Linux	Limited compatibility for certain OS features.	The keyboard is compatible with Mac OS, Vista, and Linux for typing and office use only. Advanced features or specific key mappings may not function as they do on Windows.

If the problem persists after trying these solutions, please contact DIERYA customer support for further assistance.

8. SPECIFICATIONS

Feature	Detail
Model Number	DK98SE
Layout	98-key mechanical keyboard
Switches	Linear Red Switches (60 million keystrokes lifespan)
Connectivity	USB-C (wired)
Backlight	Single Color Ice Blue (15 modes)

Feature	Detail
Anti-Ghosting	Full Anti-Ghosting
Polling Rate	1000Hz
Compatibility	Windows 11/10/8/7/XP; Mac OS, Vista, Linux (typing/office use only)
Dimensions	15.24 x 6.22 x 2.28 inches (approx. 38.7 x 15.8 x 5.8 cm)
Item Weight	2.12 pounds (approx. 0.96 kg)
Material	Plastic
Manufacturer	Dierya
Country of Origin	China

9. WARRANTY AND SUPPORT

DIERYA is committed to providing quality products and customer satisfaction.

- **Warranty:** This product supports a one-year quality warranty from the date of purchase.
- **Replacement Policy:** A 30-day replacement policy is available.
- **Customer Support:** If you have any questions, concerns, or require assistance, please feel free to contact DIERYA customer support. We aim to provide a satisfactory response within 24 hours.

Figure 11: DIERYA Customer Support and Warranty Information

Thank you for choosing DIERYA.

Related Documents - DK98SE

	[DIERYA DK61SE Mechanical Keyboard Manual](#) User manual for the DIERYA DK61SE 60% Mechanical Keyboard, detailing functions, shortcuts, and contact information.
	[Dierya DK 61SE Mechanical Keyboard Function Guide](#) A comprehensive guide to the function keys and special features of the Dierya DK 61SE mechanical keyboard, including lighting effects and media controls.
	[DIERYA DK 61SE Mechanical Keyboard Function Guide](#) Explore the full functionality of your DIERYA DK 61SE mechanical keyboard with this comprehensive manual. Learn about all FN key combinations for multimedia, system controls, lighting adjustments, and special features. Includes product specifications and support contact.
	[Dierya DK61se Mechanical Keyboard Manual - Functions and Features](#) Comprehensive user manual for the Dierya DK61se Mechanical Keyboard, detailing all FN key functions, multimedia controls, lighting effects, and support information.

[DIERYA DK63 Mechanical Keyboard User Guide](#)
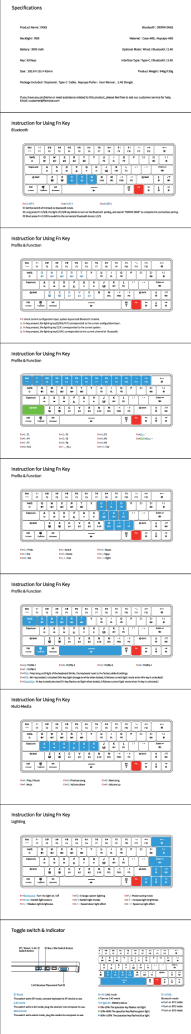
Comprehensive guide to the DIERYA DK63 mechanical keyboard, covering connection modes, RGB lighting, multimedia keys, shortcut functions, and gaming mode. Learn how to customize your keyboard experience.

[DIERYA DK63 Wireless Mechanical Gaming Keyboard User Manual](#)

Comprehensive user manual for the DIERYA DK63 Wireless Mechanical Gaming Keyboard. This guide covers product specifications, Bluetooth and 2.4G wireless connectivity, profile management, multimedia controls, RGB lighting customization, and toggle switch operations.