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surmen GS61

surmen 60% Mechanical Gaming Keyboard User Manual

Model: GS61 (61 Miami)

1. INTRODUCTION

This manual provides detailed instructions for the surmen 60% Mechanical Gaming Keyboard, model GS61. This compact 61-key keyboard features linear red switches, LED backlighting, and PBT keycaps, designed for an optimal gaming and typing experience across various operating systems.

2. PACKAGE CONTENTS

- surmen 60% Mechanical Gaming Keyboard (GS61)
- USB-C Cable
- User Manual (this document)

3. SETUP

3.1 Connecting the Keyboard

The surmen GS61 keyboard connects via a wired USB-C connection. Ensure your computer or device has a compatible USB port.

1. Locate the USB-C port on the back of the keyboard.
2. Insert the smaller end of the provided USB-C cable into the keyboard's USB-C port.
3. Insert the larger USB-A end of the cable into an available USB port on your computer.
4. The keyboard will automatically be recognized by your operating system. No additional drivers are typically required.



Figure 3.1: Surmen 61-key mechanical gaming keyboard connected via USB-C cable.

Streamlined key layout design

Comfortable and unobstructed hand feeling
in line with the hand typing motion.



Figure 3.2: Close-up view of the USB-C port on the keyboard.

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Video 3.1: Demonstration of the OEM Profile and ergonomic typing angle of the keyboard.

4. OPERATING INSTRUCTIONS

4.1 Key Functions and Layout

The surmen GS61 is a 60% layout keyboard, meaning it is compact and some functions are accessed via combination keys using the **Fn** key.

PBT Material Shine-through



Figure 4.1: PBT keycaps with shine-through letters.

Quiet Linear Red Switch



Figure 4.2: Quiet Linear Red Switch mechanism.

4.2 Lighting Modes and Control

The keyboard features LED backlighting with multiple modes. Use the **Fn** key in combination with other keys to control the lighting.

- **Fn + P**: Toggles the LED backlight on/off.
- **Fn + [Key]**: Specific keys may have secondary functions for lighting effects. Refer to the keycap legends for details.

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Video 4.1: Demonstration of the shine-through letters on the keycaps.

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Video 4.2: Overview of various single light modes available on the keyboard.

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Video 4.3: Instructions on how to turn the keyboard backlight on and off using Fn+P.

5. MAINTENANCE

5.1 Cleaning the Keyboard

- Disconnect the keyboard from your computer before cleaning.
- Use a soft, lint-free cloth slightly dampened with water or a mild cleaning solution to wipe down the keycaps and chassis.
- For dust and debris between keys, use compressed air.
- Avoid using harsh chemicals, abrasive cleaners, or excessive moisture.

5.2 Storage

When not in use for extended periods, store the keyboard in a cool, dry place away from direct sunlight and extreme temperatures.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Keyboard not responding	Loose USB connection; Driver issue; Keyboard malfunction.	Ensure USB cable is securely connected. Try a different USB port or computer. Restart your computer.
Backlight not working	Backlight turned off; Software glitch.	Press Fn + P to toggle backlight. Try restoring factory settings (Fn + Backspace).
Keys not registering	Debris under keycap; Switch malfunction.	Use compressed air to clean under the keycap. If problem persists for a specific key, contact support.

6.1 Restoring Factory Settings

To restore the keyboard to its default factory settings, press and hold **Fn + Backspace** simultaneously.

7. SPECIFICATIONS

- **Model:** GS61
- **Layout:** 60% (61 Keys)
- **Switch Type:** Linear Red Switch
- **Keycap Material:** PBT
- **Backlight:** Single LED Light
- **Connectivity:** Wired USB-C
- **Anti-Ghosting:** Full N-Key Rollover (61 keys)
- **Compatibility:** Windows 2000/Vista/Win7/Win8/Win10/MAC/Linux
- **Dimensions:** Approximately 32.99 x 16.61 x 5.21 cm
- **Weight:** Approximately 721 g

8. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the product packaging or contact surmen customer service directly. Keep your purchase receipt for warranty claims.

Customer Service: Please visit the official surmen website or contact your retailer for support.



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Related Documents - GS61

	<p>FCC Test Report: Wireless Keyboard GT61 (FCC ID: 2A3SW-GT61)</p> <p>Comprehensive FCC Part 15 test report for the surmen Wireless Keyboard (models GT61, G1000, GS61, SM61, GM61, GT63, GT64, GT68, GT71, GT69, GT85, GT87, GS87, GT102, GT108, GS108, V200, V300, V400, B200, B300, B400), detailing compliance testing for radiated and conducted emissions, bandwidth, output power, and other RF parameters. Performed by Dongguan Precise Testing & Certification Co., Ltd. for Hefei Chenduan Network Technology Co., Ltd.</p>
	<p>Surmen GT61 Mechanical Keyboard User Manual</p> <p>User manual for the Surmen GT61 Mechanical Keyboard, detailing connection modes, charging instructions, key functions, and FCC compliance.</p>
	<p>FCC Test Report for SURMEN GT61 Wireless Keyboard - FCC ID: 2A3SW-GT61</p> <p>Official FCC test report for the SURMEN GT61 Wireless Keyboard (FCC ID: 2A3SW-GT61), detailing conducted and radiated emissions, band edge measurements, bandwidth, peak output power, and power spectral density tests.</p>