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› [surmen](#) /

› surmen GT61 60% Mechanical Gaming Keyboard User Manual

surmen GT61

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1. INTRODUCTION

This manual provides comprehensive instructions for the surmen GT61 60% Mechanical Gaming Keyboard. This compact keyboard features RGB backlighting, hot-swappable switches, and versatile connectivity options including both wireless Bluetooth 5.0 and wired USB-C. It is designed for optimal gaming performance and efficient typing across multiple devices.



Image: The surmen GT61 60% Mechanical Gaming Keyboard, showcasing its compact design and RGB backlighting.

2. SETUP

2.1 Wired Connection

To use the keyboard in wired mode, connect the provided USB-C cable from the keyboard to an available USB port on your computer. The keyboard will be automatically recognized and ready for use.

2.2 Bluetooth Wireless Connection

The GT61 keyboard supports connecting up to 3 devices via Bluetooth 5.0. Follow these steps to pair your device:

1. Ensure the keyboard is charged or connected via USB-C.
2. Toggle the switch on the back of the keyboard to the 'ON' position for Bluetooth mode.

3. Press **FN + E**, **FN + R**, or **FN + T** to select one of the three Bluetooth channels. The corresponding key will flash, indicating pairing mode.
4. On your device (PC, laptop, tablet, or smartphone), search for Bluetooth devices and select 'surmen GT61' to connect.
5. Once connected, the key will stop flashing and remain steadily lit.

Bluetooth



For a marter
working way



For a no-worries
Gaming Vibe



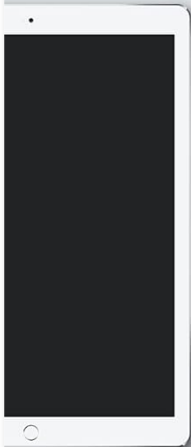
Detachable
USB-C Wired



Image: Underside view of the surmen GT61 keyboard, highlighting the Bluetooth ON/OFF switch and USB-C port.

60% MINI KEYBOARD

FN + E / R / T to switch



Connects with up to 3 sevicees via Bluetooth



Image: Diagram illustrating the surmen GT61 keyboard connecting to multiple devices (laptop, tablet, smartphone) via Bluetooth using FN+E/R/T keys.

2.3 Charging

Connect the USB-C cable to the keyboard and a power source (e.g., computer USB port, wall adapter) to charge the internal 3000 mAh battery. The keyboard can be used while charging.

Video: An official product video demonstrating the wireless and hot-swappable features of the surmen 60% Mechanical Gaming Keyboard.

3. OPERATING INSTRUCTIONS

3.1 Basic Operation

The surmen GT61 is a 60% layout keyboard, meaning some functions are accessed via the **FN** key in combination

with other keys.

3.2 FN Key Combinations

- **FN + E/R/T**: Switch between paired Bluetooth devices.
- **FN + W**: Switch to wired mode (when connected via USB-C).
- **FN + Q**: Switch to wireless mode.
- **FN + Backspace**: Toggle RGB backlight on/off.
- **FN + Enter**: Restore default keyboard settings.
- **FN + Right Shift**: Activate arrow key functions (U, I, O, J, K, L, M, <, >, ?, /).
- **FN + F1-F12**: Access multimedia and system functions (specific functions may vary based on operating system).

Video: An official product video demonstrating the Bluetooth and programmable features of the GT61 Mini Mechanical Keyboard.

3.3 RGB Backlighting

The keyboard features multiple RGB lighting modes. Use **FN + ** to cycle through different lighting effects. Use **FN + [** and **FN +]** to adjust brightness, and **FN + ;** and **FN + ' "** to adjust lighting speed.

Video: An official product video showcasing the RGB lighting modes of the SURMEN 60% Wireless Gaming Keyboard.

4. FEATURES

- **Hot-Swappable Switches**: The PCB allows for easy replacement of 3-pin switches, compatible with any MX-style switch. This enables customization of typing feel and sound without soldering.

Hot-Swappable Switch

Yellow/Red/Blue/Black Gateron Switch



Image: Close-up view of the surmen GT61 keyboard demonstrating its hot-swappable switch capability, showing switches being removed and inserted.

- **Gateron Red Switches:** Equipped with Gateron Red switches, offering a quiet sound and fast action with minimal resistance, ideal for gaming.

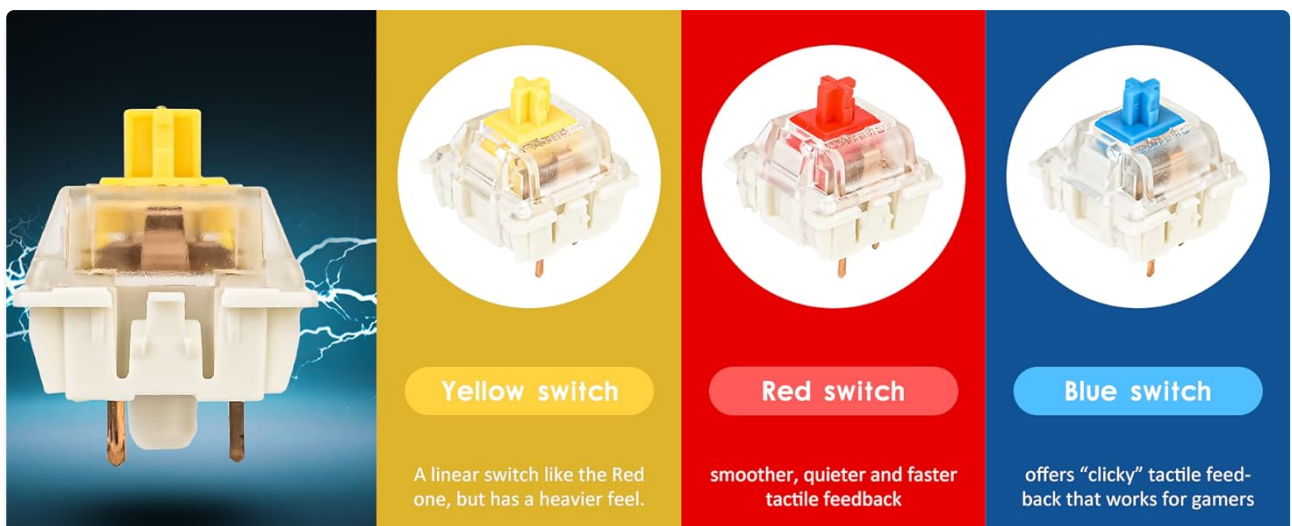


Image: Illustration of different Gateron switch types, including Yellow, Red, and Blue, highlighting their

characteristics.

- **Oil-Resistant PBT Keycaps:** Features durable PBT keycaps with an OEM profile, providing uniform backlighting and ergonomic curves. The dye-sublimation process ensures lettering that resists wear.



Image: Close-up of the surmen GT61 keyboard highlighting the PBT keycaps and their oil-resistant properties.

- **Full Keys Anti-ghosting:** Advanced anti-ghosting technology ensures all 61 keys register simultaneously for fast and accurate typing response.
- **Multi-Device Connectivity:** Connects to up to 3 devices via Bluetooth, making it ideal for seamless switching between PC, laptop, tablet, and smartphone.

Video: An official product video showcasing the RGB backlit and hot-swappable features of the SURMEN Small Keyboard.

5. MAINTENANCE

5.1 Cleaning

Regular cleaning helps maintain keyboard performance and appearance. Use a soft brush or compressed air to remove dust and debris from between the keycaps. For deeper cleaning, gently remove keycaps using the provided keycap puller and wipe them with a damp cloth. Ensure the keyboard is disconnected before cleaning.

5.2 Keycap and Switch Replacement

To remove keycaps, use the keycap puller by gently hooking it onto the keycap and pulling upwards. To remove switches, use the switch puller to grasp the switch from the top and bottom clips, then pull straight up. When inserting new switches, ensure the pins align correctly with the PCB sockets to avoid bending. Press firmly until the switch clicks into place.

6. TROUBLESHOOTING

6.1 Keyboard Not Responding

- Check if the keyboard is properly connected via USB-C or if the Bluetooth connection is active.
- Ensure the keyboard battery has sufficient charge.
- Try restarting your computer or device.
- If in wireless mode, try switching to wired mode to rule out Bluetooth issues.

6.2 Bluetooth Connectivity Issues

- Ensure the keyboard's Bluetooth switch is in the 'ON' position.
- Delete the keyboard from your device's Bluetooth settings and attempt to re-pair it.
- Make sure the keyboard is within range of your device.
- Try pairing to a different Bluetooth channel (FN+E/R/T).

6.3 RGB Backlight Not Working

- Press **FN + Backspace** to toggle the backlight.
- Ensure the keyboard battery is not critically low.
- Press **FN + Enter** to restore default settings, which may reactivate the backlight.

7. SPECIFICATIONS

Feature	Detail
Brand	surmen
Model Name	GT61
Connectivity Technology	Bluetooth, USB-C
Compatible Devices	Laptop, PC, Tablet, Smart Phone

Recommended Uses For Product	Gaming
Color	Sun-Red Switch
Material	Polybutylene Terephthalate (PBT)
Power Source	Battery Powered
Number of Keys	61
Switch Type	Gateron Red Switch (Hot-swappable)
Backlight	RGB
Anti-Ghosting	Full Keys Anti-ghosting

8. WARRANTY AND SUPPORT

Specific warranty details for the surmen GT61 keyboard are not provided in the product information. For warranty claims, technical support, or any product-related inquiries, please refer to the contact information provided with your product packaging or visit the official surmen website.