

## surmen B0H4GTH623

# surmen 60% Wireless Mechanical Gaming Keyboard User Manual

Model: B0H4GTH623

## 1. INTRODUCTION

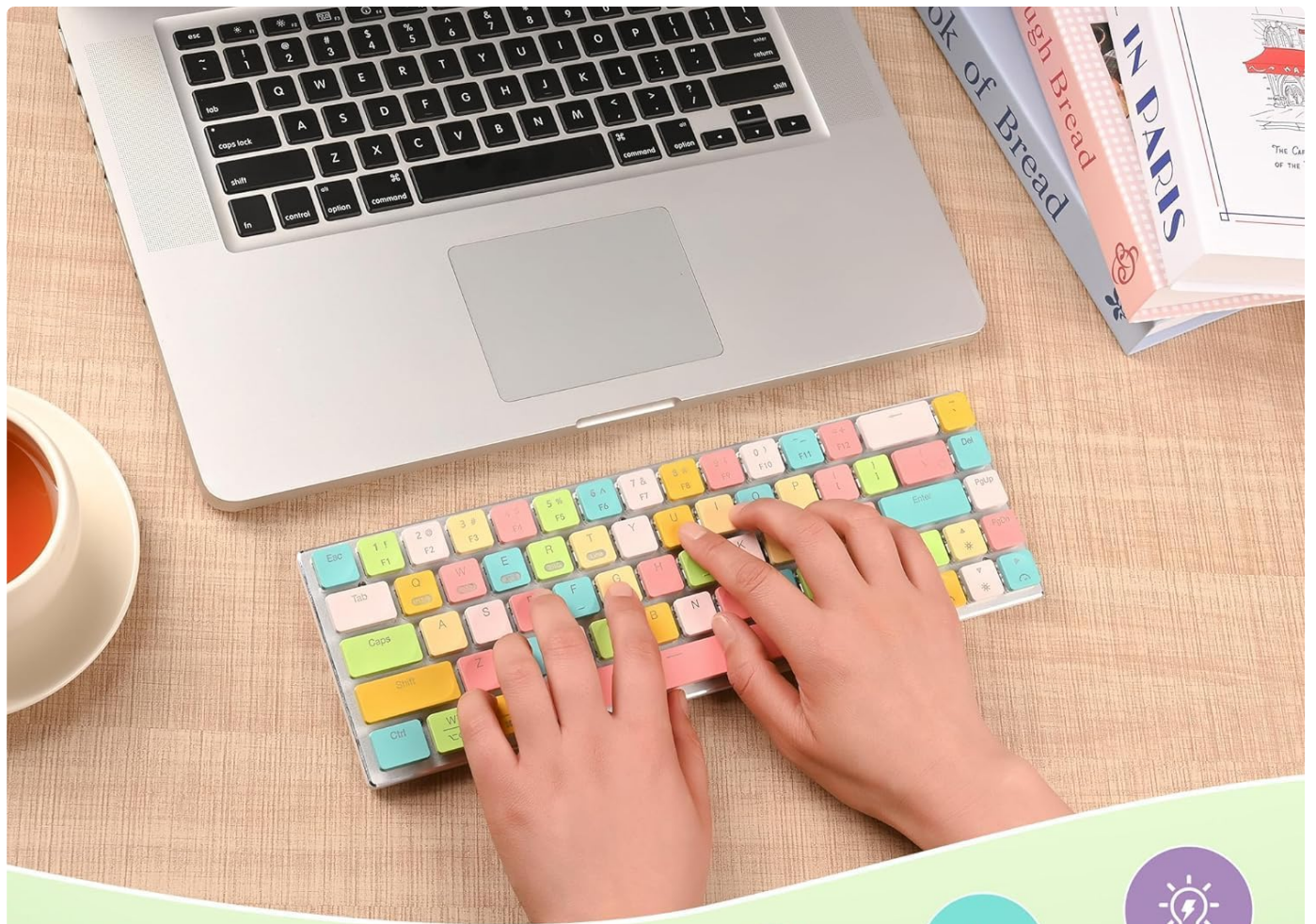
Thank you for choosing the surmen 60% Wireless Mechanical Gaming Keyboard. This ultra-thin, low-profile keyboard is designed for both gaming and office use, offering versatile connectivity and dynamic RGB backlighting. This manual provides detailed instructions for setup, operation, maintenance, and troubleshooting to ensure optimal performance.

## 2. PRODUCT OVERVIEW

The surmen 60% Mechanical Keyboard features a compact 68-key layout with independent arrow keys, making it highly portable and space-efficient. It incorporates ultra-thin low-profile blue switches for a responsive and ergonomic typing experience. The keyboard supports triple-mode connectivity (2.4G wireless, Bluetooth 5.0, and USB-C wired) and boasts vibrant RGB backlighting with 18 lighting effects.

### Key Features:

- **68-Key Layout:** Compact 65% design with dedicated arrow keys.
- **Low-Profile Blue Switches:** 40% thinner switches with 1.2mm actuation for ergonomic typing and gaming.
- **Triple-Mode Connectivity:** Seamless switching between 2.4G wireless, Bluetooth 5.0, and USB-C wired modes.
- **Dynamic RGB Backlighting:** 16.8 million colors and 18 customizable lighting effects.
- **PBT Keycaps:** Durable, fade-proof, oil-proof, and wear-resistant.
- **Full Anti-Ghosting:** Ensures all key presses are registered accurately during intense gaming or fast typing.
- **Long Battery Life:** 1500mAh battery provides up to 60 hours of standby time (lights off).



|                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |  |  |  |
| RGB lighting effect                                                                 | 2.4G connection                                                                     | 68 key layout                                                                       | Thin body                                                                           | Bluetooth connectivity                                                                | Dwarf axis body                                                                       |
|  |  |  |  |  |  |
| Multi device support                                                                | Wired                                                                               | Storage and portability                                                             | High capacity battery                                                               | Mac/Windows compatibility                                                             | The third mock examination connection                                                 |

Image: Overview of the surmen 60% Wireless Mechanical Gaming Keyboard highlighting its features such as RGB lighting, 2.4G connection, 68-key layout, thin body, Bluetooth connectivity, dwarf axis body, multi-device support, wired connection, storage and portability, high capacity battery, and Mac/Windows compatibility.

# Mechanical Blue Switch



Image: A close-up view of the mechanical blue switches on the surmen keyboard, with a keycap removed to show the switch mechanism.

## 3. SETUP INSTRUCTIONS

### Charging the Keyboard:

Before first use, fully charge the keyboard using the provided USB-C cable. Connect the USB-C end to the keyboard and the USB-A end to a power source (e.g., computer USB port, wall adapter). The charging indicator will show the charging status.

### Connecting the Keyboard:

The keyboard supports three connection modes: 2.4G Wireless, Bluetooth 5.0, and USB-C Wired. Use the switch on the back of the keyboard to select your desired mode.



Image: The surmen keyboard illustrating its three connection modes: Low-Latency Bluetooth Mode, Stable USB-C Wired Mode, and Convenient 2.4GHz Wireless Mode.

### 1. 2.4G Wireless Mode:

- Locate the 2.4G USB receiver, usually stored in a slot on the back of the keyboard.
- Plug the USB receiver into an available USB port on your computer.
- Switch the keyboard to 2.4G mode. The keyboard should connect automatically.

### 2. Bluetooth 5.0 Mode:

- Switch the keyboard to Bluetooth mode.
- On your device (PC, laptop, tablet), enable Bluetooth and search for new devices.
- Select the keyboard from the list of available devices (e.g., "SURMEN Keyboard") and pair.
- The keyboard supports fast switching between paired Bluetooth devices.

### 3. USB-C Wired Mode:

- Connect the provided USB-C cable to the keyboard's USB-C port.

- Connect the other end of the cable to a USB port on your computer.
- Switch the keyboard to wired mode. The keyboard will be recognized as a standard USB keyboard.

## 4. OPERATING INSTRUCTIONS

### RGB Backlighting Control:

The keyboard features dynamic RGB backlighting with 18 lighting effects. Use the function keys (often in combination with the Fn key) to cycle through effects, adjust brightness, and change colors.

- **Fn + [Key]:** Refer to the keyboard's keycap legends for specific RGB control functions (e.g., Fn + \ for mode, Fn + [ for brightness, Fn + ] for speed).

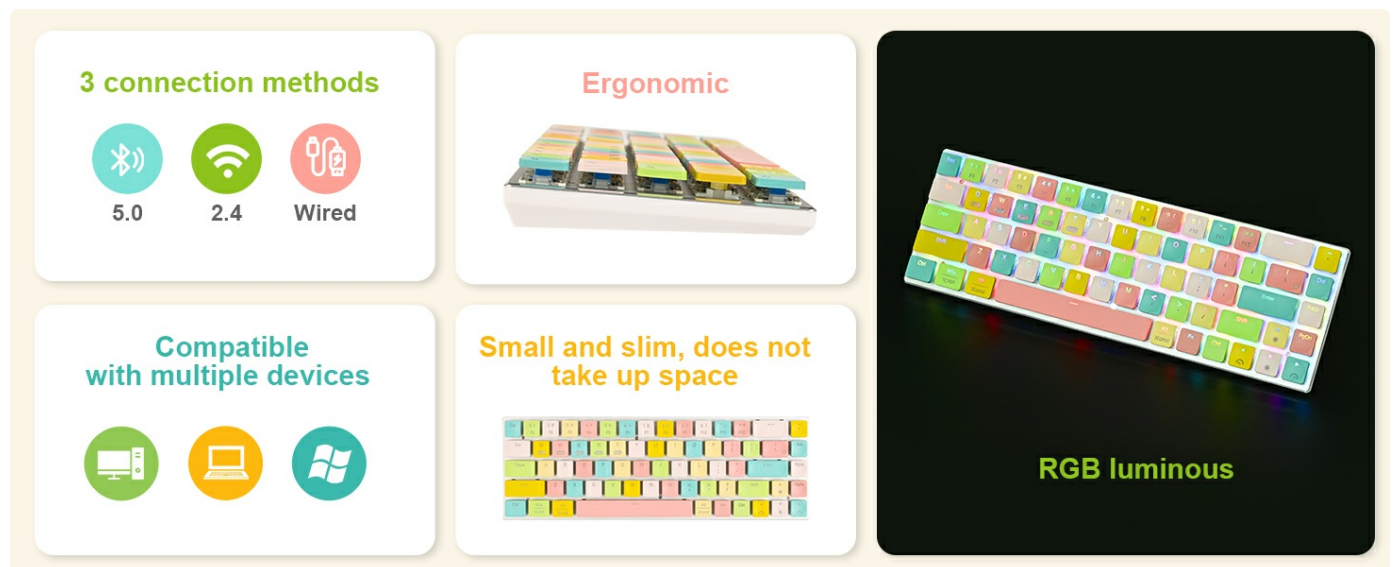


Image: Comparison of the surmen keyboard with RGB luminescence active and with backlighting off.

### Anti-Ghosting:

The keyboard supports full key anti-ghosting, ensuring that multiple simultaneous key presses are registered accurately. This is particularly beneficial for gaming and fast typing scenarios.



Image: The surmen keyboard emphasizing features like no delay, ergonomics, and full key anti-ghosting.

### Compatibility:

The keyboard is fully compatible with Windows, Mac, and Linux operating systems, making it suitable for a wide range of devices including PCs, laptops, and tablets.



Image: The surmen keyboard displayed on a desk with a laptop and monitor, indicating wide compatibility with desktop, laptop, and Windows operating systems.

Video: A demonstration of the SURMEN 60% Wireless Gaming Keyboard, showcasing its RGB lighting effects and how to restore default settings by pressing Fn+Enter.

## 5. MAINTENANCE

### Cleaning:

The keyboard's floating key design makes it dustproof and easy to clean. Use a soft brush or compressed air to remove dust and debris from between the keycaps. For stubborn dirt, gently wipe the keycaps with a damp cloth and mild cleaning solution. Ensure the keyboard is powered off and disconnected before cleaning.

### Battery Care:

To prolong battery life, avoid fully discharging the keyboard frequently. Charge the keyboard when the battery indicator is low. If storing the keyboard for an extended period, charge it to approximately 50% and store in a cool, dry place.

## 6. TROUBLESHOOTING

### • Keyboard not responding:

- Ensure the keyboard is charged.
- Check the connection mode switch (2.4G, BT, USB-C) and ensure it matches your connection method.
- For 2.4G, ensure the USB receiver is securely plugged in.
- For Bluetooth, ensure Bluetooth is enabled on your device and the keyboard is paired. Try re-pairing if necessary.
- For wired mode, ensure the USB-C cable is properly connected to both the keyboard and your device.
- Try connecting the keyboard to a different USB port or device to rule out port/device issues.

### • RGB backlighting not working or stuck:

- Ensure the keyboard is powered on.
- Press Fn + relevant keys to cycle through lighting effects or adjust brightness.
- To restore default settings, press **Fn + Enter**. This can resolve unexpected lighting behavior.

- **Keys not registering or ghosting:**
  - The keyboard features full anti-ghosting, but if issues occur, ensure the keyboard firmware is up to date (if applicable, check manufacturer website).
  - Clean any debris or dust from under the affected keycaps.
- **Short battery life:**
  - Ensure the keyboard is fully charged.
  - Using RGB backlighting at high brightness levels will consume more power. Consider reducing brightness or turning off RGB when not needed.

7. SPECIFICATIONS

|                      |                                           |
|----------------------|-------------------------------------------|
| Brand                | surmen                                    |
| Model Number         | B0H4GTH623                                |
| Keyboard Layout      | 68 Keys (65% layout), QWERTY              |
| Switch Type          | Mechanical, Low-Profile Blue (Clicky)     |
| Connectivity         | 2.4G Wireless, Bluetooth 5.0, USB-C Wired |
| Backlighting         | RGB (16.8M colors, 18 effects)            |
| Keycaps              | PBT                                       |
| Anti-Ghosting        | Full Key Anti-Ghosting                    |
| Battery Capacity     | 1500mAh                                   |
| Compatible Devices   | Laptop, PC, Tablet                        |
| Compatible OS        | Windows, Mac, Linux                       |
| Weight               | 375g                                      |
| Dimensions (Approx.) | 31cm (12.2in) Width x 10cm (3.94in) Depth |



Image: The surmen keyboard with dimensions indicated as 31cm (12.2 inches) in width and 10cm (3.94 inches) in depth, alongside a mouse and laptop for scale.

## 8. WARRANTY INFORMATION

This surmen keyboard comes with a **1-Year Warranty** from the date of purchase. This warranty covers manufacturing defects and workmanship. It does not cover damage caused by misuse, accidents, unauthorized modifications, or normal wear and tear. Please retain your proof of purchase for warranty claims.

## 9. SUPPORT

For further assistance, technical support, or warranty inquiries, please contact the manufacturer, GTSP. Refer to the product packaging or the official surmen website for the most current contact information and support resources.

### ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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#### Question

#### Details

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