surmen V200

surmen V200 Full Size RGB Wired Mechanical Gaming Keyboard User Manual

Model: V200

1. INTRODUCTION

Thank you for choosing the surmen V200 Full Size RGB Wired Mechanical Gaming Keyboard. This manual provides detailed instructions for setting up, operating, and maintaining your new keyboard. Designed for both typing enthusiasts and gamers, the V200 features 104 keys, PBT keycaps, and linear red switches for a smooth and responsive experience.

Image 1.1: The surmen V200 Full Size RGB Wired Mechanical Gaming Keyboard.

2. PACKAGE CONTENTS

Please check the package contents to ensure all items are present:

- surmen V200 Mechanical Gaming Keyboard
- USB Cable
- Keycap Puller (often included with PBT keycaps for customization)
- Additional Keycaps (if applicable, for customization)

Image 2.1: The surmen V200 keyboard and its accessories, including a USB cable and keycap puller.

3. SETUP

1. **Connect the Keyboard:** Plug the USB-A connector of the included cable into an available USB port on your computer (Laptop, PC, or Tablet).

2. **Operating System Recognition:** Your operating system should automatically detect and install the necessary drivers. No additional software installation is typically required.

3. **Adjust Ergonomics:** Utilize the two foldable rear kickstands on the underside of the keyboard to adjust the typing angle for optimal comfort.

Image 3.1: The ergonomic design of the surmen V200 keyboard, highlighting the adjustable rear feet and OEM profile for comfortable typing.

4. Operating Instructions

4.1. Basic Keyboard Functions

The surmen V200 is a full-size 104-key keyboard, providing all standard keys including a number pad. It supports full-key rollover (anti-ghosting) to ensure every keypress is registered accurately, even during rapid typing or complex gaming commands.
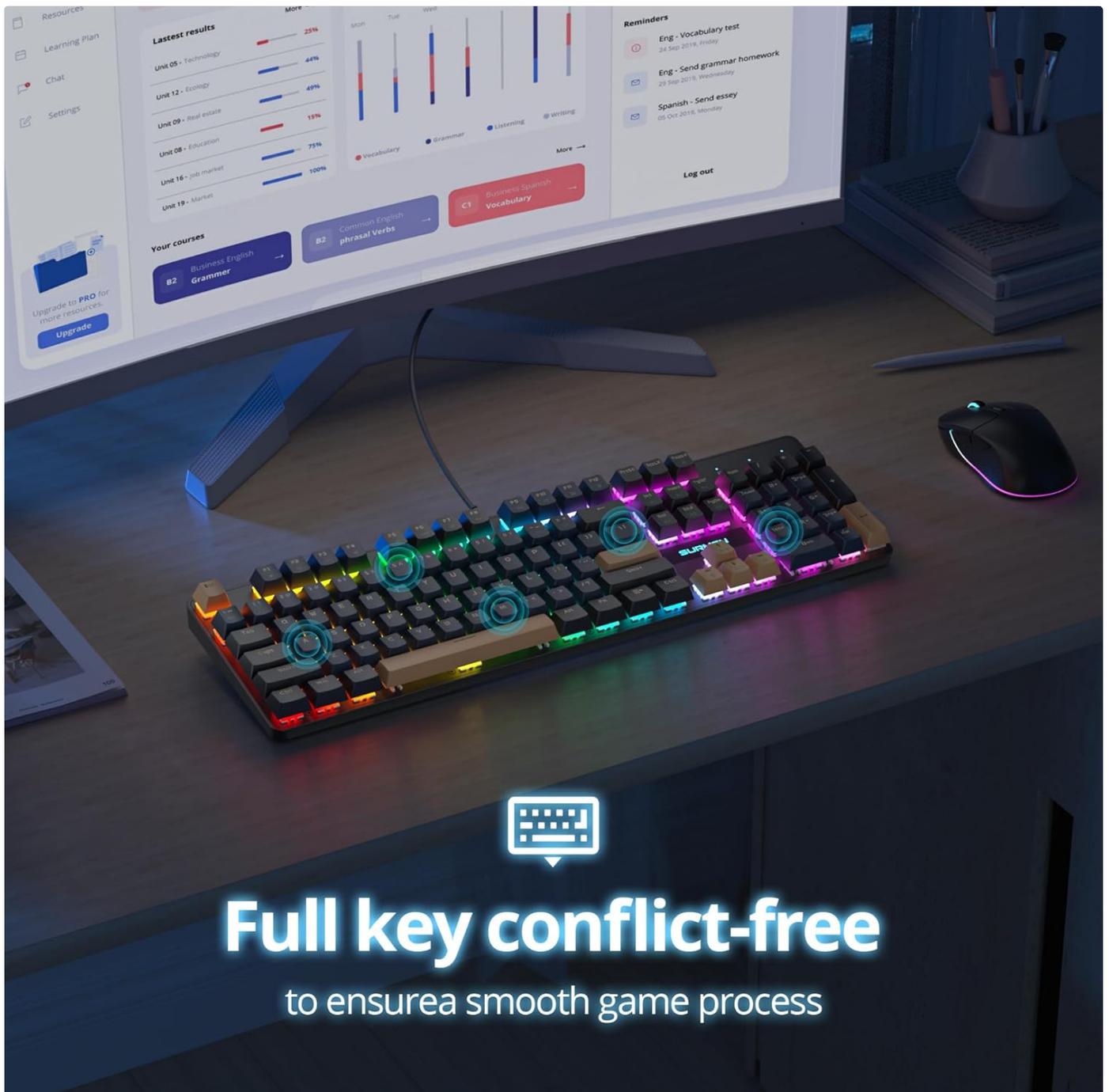
Image 4.1: Illustration of the full key anti-ghosting capability, ensuring all key presses are registered simultaneously.

4.2. Multimedia and Shortcut Keys

The keyboard features various multimedia and shortcut functions accessible via the **FN** key in combination with the F1-F12 keys. Refer to the table below for specific functions:

FN Key Combination	Function
FN + F1	Media Player
FN + F2	Volume Down
FN + F3	Volume Up
FN + F4	Mute
FN + F5	Stop Playback

FN Key Combination	Function
FN + F6	Previous Track
FN + F7	Play/Pause
FN + F8	Next Track
FN + F9	Email
FN + F10	Web Home
FN + F11	My Computer
FN + F12	Calculator

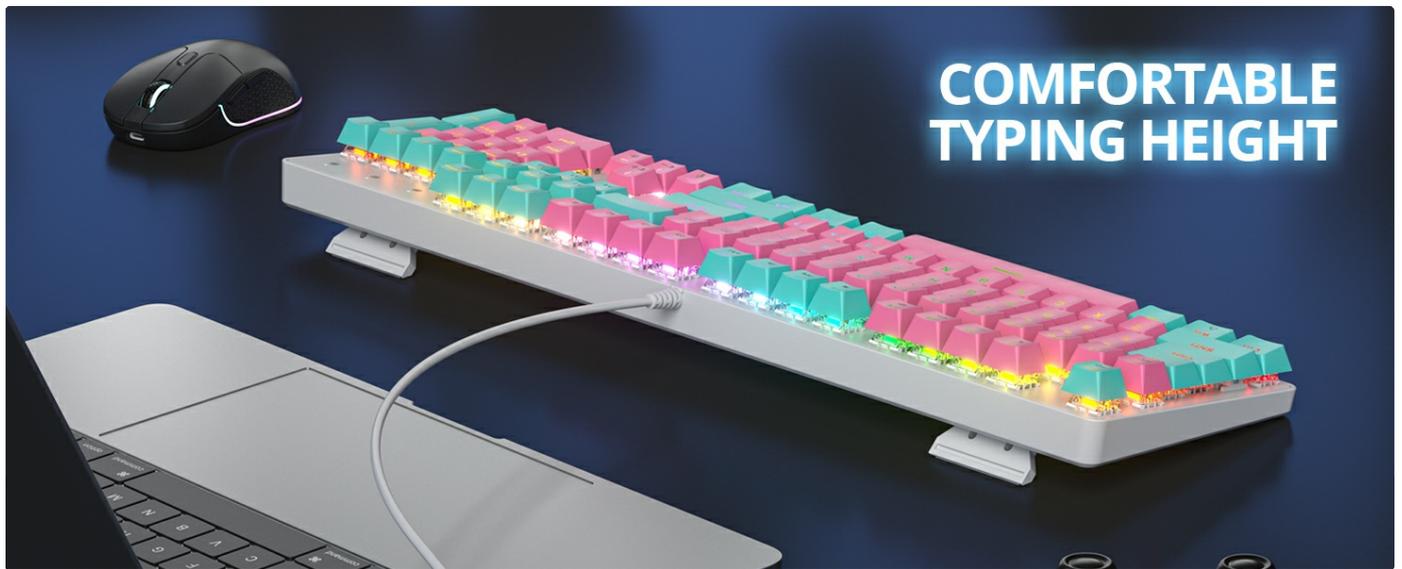To restore default settings, press **FN + ESC** for 3 seconds, then press **FN + F1 F3 F5**.

Image 4.2: Visual guide to the multimedia functions activated by FN key combinations.

4.3. RGB Backlighting Control

The surmen V200 keyboard features dynamic RGB backlighting with 18 different modes. You can customize the lighting to suit your preference.

- **Turn On/Off Backlight:** Press **FN + Pause**.
- **Switch Backlight Modes:** Press **FN + INSERT / DELETE / HOME / END** to cycle through the 18 available RGB modes.
- **Adjust Brightness:** Use **FN + Page Up** (increase) and **FN + Page Down** (decrease).
- **Adjust Speed:** Use **FN + Arrow Keys** (left/right) to adjust the speed of dynamic lighting effects.

Image 4.3: Demonstrates the FN + Pause key combination for controlling the keyboard backlight.

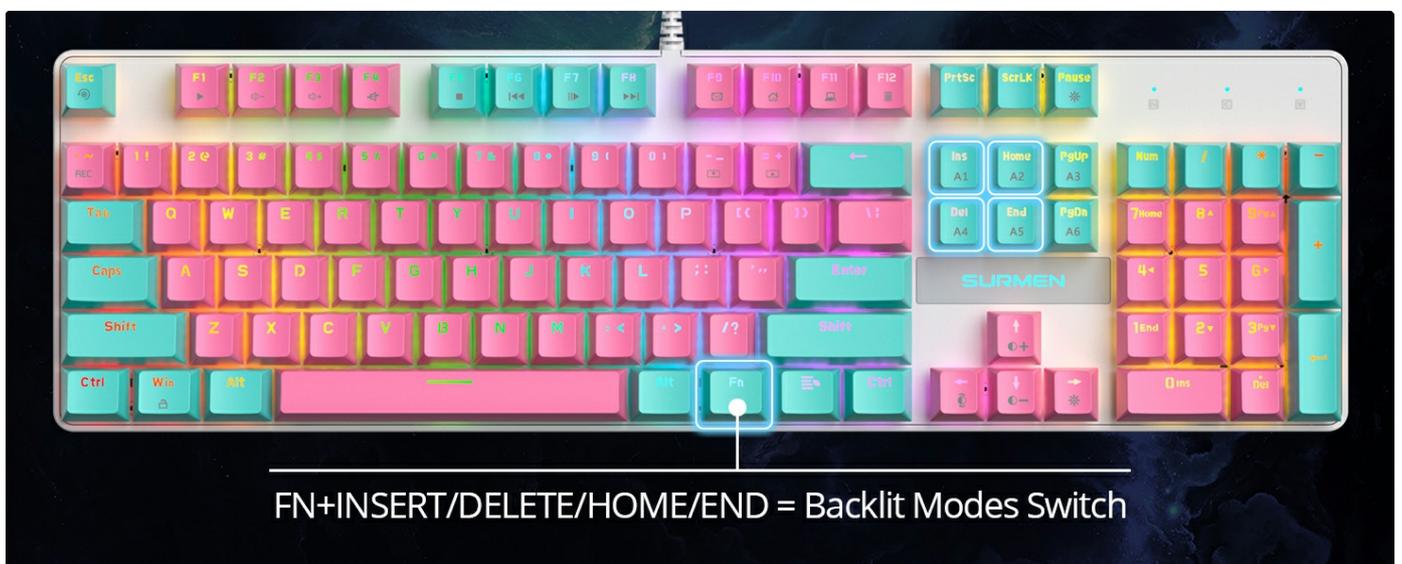FN+INSERT/DELETE/HOME/END = Backlit Modes Switch

Image 4.4: Visual guide for switching between various backlight modes using FN key combinations.

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Video 4.1: This video demonstrates the various RGB lighting modes available on the surmen V200 keyboard, showcasing the dynamic effects and color options.

4.4. Windows Key Lock

To prevent accidental interruptions during gaming or other critical tasks, you can lock the Windows key. Press **FN + Win** to toggle the Windows key lock on or off. The WinLock indicator light will illuminate when the Windows key is locked.

Image 4.5: Close-up of the indicator lights for Num Lock, Caps Lock, and Win Lock, located above the number pad.

5. MAINTENANCE

- **Cleaning:** Regularly clean the keyboard with a soft, dry cloth. For deeper cleaning, use a keycap puller to remove keycaps and clean dust or debris from underneath. Avoid using harsh chemicals or abrasive materials.

- **PBT Keycaps:** The PBT keycaps are designed for durability and resistance to shine and fading. They can be cleaned with a damp cloth if necessary.
- **Storage:** When not in use, store the keyboard in a clean, dry environment away from direct sunlight and extreme temperatures.

Image 5.1: Close-up of the PBT keycaps, known for their durability and resistance to wear over time.

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Video 5.1: This video highlights the durability of PBT keycaps, emphasizing their resistance to fading and wear, which contributes to the keyboard's longevity.

6. TROUBLESHOOTING

- **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 rule out a computer-specific issue.
  - If using a USB hub, try connecting directly to the computer.

- **Specific Keys Not Working or Sticking:**
  - Carefully remove the affected keycap using a keycap puller.
  - Inspect the switch for any visible debris or damage. Clean if necessary.
  - Re-seat the keycap firmly. If the issue persists, the switch may be faulty.

- **RGB Backlighting Not Working or Incorrect:**
  - Ensure the backlight is turned on using **FN + Pause**.
  - Cycle through different lighting modes using **FN + INSERT / DELETE / HOME / END**
  - Adjust brightness using **FN + Page Up** / **Page Down**
  - Perform a factory reset by pressing **FN + ESC** for 3 seconds, then **FN + F1 F3 F5**.

- **Windows Key is Disabled:**
  - Press **FN + Win** to toggle the Windows key lock. The WinLock indicator light should turn off.

7. SPECIFICATIONS

Feature	Detail
Brand	surmen
Model	V200
Keyboard Description	Mechanical
Switch Type	Linear Red Switch (approx. 45g actuation force, 50-million keystroke lifespan)
Keycaps	PBT Keycaps, OEM Profile
Layout	Full Size (104 Keys) with Number Pad
Backlighting	RGB (18 modes)
Connectivity Technology	Wired (USB-A)
Compatible Devices	Laptop, PC, Tablet
Special Features	Hotkeys and Media Keys, Full-Key Anti-Ghosting, Windows Key Lock, Adjustable Typing Angle
Material	Plastic
Item Weight	2.71 pounds
Package Dimensions	17.95 x 6.77 x 1.77 inches

Your browser does not support the video tag.

Video 7.1: This video demonstrates the smooth and linear keystrokes of the red mechanical switches, highlighting their responsiveness and quiet operation.

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Video 7.2: This video illustrates the quiet nature of the red linear switches, making them suitable for various environments without excessive noise.

8. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the documentation included with your product or contact the manufacturer directly. You can also reach out to the seller, GTSP, through the Amazon platform for assistance.

Related Documents - V200

[FCC Test Report: Wireless Keyboard GT61 (FCC ID: 2A3SW-GT61)](#)
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.

[Surmen GT61 Mechanical Keyboard User Manual](#)
User manual for the Surmen GT61 Mechanical Keyboard, detailing connection modes, charging instructions, key functions, and FCC compliance.

[FCC Test Report for SURMEN GT61 Wireless Keyboard - FCC ID: 2A3SW-GT61](#)
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.

[Unitronics PLC и HMI: Полный каталог продукции для автоматизации](#)
Обзор продукции Unitronics, включая серии UniStream, Vision, Samba и Jazz. Узнайте о программируемых логических контроллерах (ПЛК) и человеко-машинных интерфейсах (HMI), их возможностях, технических характеристиках и программном обеспечении UniLogic.

[Rapoo V200 PRO 4K Wired/Wireless Gaming Mouse Quick Start Guide](#)
Official quick start guide for the Rapoo V200 PRO 4K gaming mouse, detailing setup, connection modes, indicator lights, and safety information. This guide covers wired and wireless connectivity, DPI adjustment, and essential product features.