surmen 104 Ying

surmen Full Size Pink Keyboard User Manual

Model: 104 Ying

Brand: surmen

INTRODUCTION

This manual provides comprehensive instructions for the setup, operation, maintenance, and troubleshooting of your surmen 104-key RGB Wired Mechanical Gaming Keyboard. This full-size keyboard features PBT keycaps, linear red switches, and dynamic RGB backlighting, designed for both typing and gaming applications.

Image: The surmen 104-key RGB Wired Mechanical Gaming Keyboard, showcasing its full layout with pink and white PBT keycaps and visible RGB backlighting.

SETUP

1. **Unpacking:** Carefully remove the keyboard and any included accessories from the packaging.

2. **Connection:** Connect the USB-A cable from the keyboard to an available USB-A port on your computer (PC compatible).

3. **Driver Installation:** The keyboard is typically plug-and-play and does not require specific driver installation for basic functionality. Your operating system should automatically recognize the device.

4. **Placement:** Position the keyboard on a stable, flat surface. Utilize the adjustable rear kickstands for a preferred typing angle.

OPERATING INSTRUCTIONS

Key Features

- **Linear Red Switches:** These mechanical switches offer a smooth, linear keystroke with a low actuation force of approximately 45g. They are designed for quick response and reduced finger fatigue, suitable for both typing and gaming. Red switches are also relatively quiet compared to other mechanical switch types.

Image: A close-up view of a red mechanical switch, highlighting its linear design and transparent housing.

- **PBT Keycaps:** The keyboard features PBT (Polybutylene Terephthalate) keycaps, known for their durability and resistance to shine over time. The legends on these keycaps are designed to be long-lasting.

- **Full-Key Anti-Ghosting (N-Key Rollover):** This feature ensures that every keypress is registered accurately, even when multiple keys are pressed simultaneously. This is crucial for fast-paced gaming and typing.

Image: A visual representation illustrating the full key conflict-free capability of the keyboard, ensuring all simultaneous key presses are registered.

RGB Backlighting Control

The keyboard offers 18 dynamic RGB backlight modes to customize your experience.

- **Turn On/Off Backlight:** Press **FN + Pause** to toggle the backlight on or off.

Turn on/off the Backlight

Image: The keyboard displaying the FN and Pause keys, indicating their use for turning the backlight on or off.

- **Switch Backlight Modes:** Press **FN + INSERT** / **DELETE** / **HOME** / **END** to cycle through the various RGB backlight modes.

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

Multimedia and Shortcut Keys

Access various functions using the **FN** key in combination with the F1-F12 keys.

Key Combination	Function
FN + F1	Media Player
FN + F2	Volume Down
FN + F3	Volume Up
FN + F4	Mute
FN + F5	Stop Playback
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 settings, press **FN + ESC** for 3 seconds, then **F1 F3 F5**.

Windows Key Lock: Activate Windows Key Lock mode to prevent accidental interruptions during gaming or other critical tasks. This function is typically toggled by pressing **FN + Win** key.
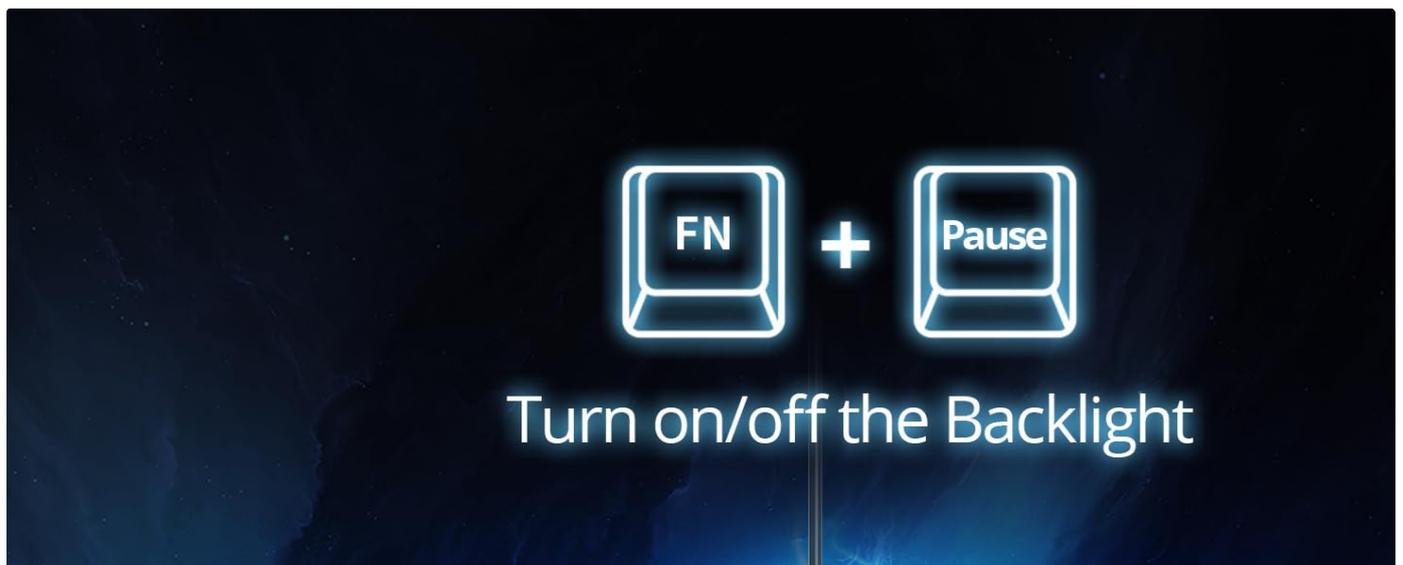
Image: A circular diagram illustrating the various multimedia functions accessible via FN key combinations (F1-F12).

Ergonomic Design

The keyboard is designed with user comfort in mind:

- **Adjustable Rear Kickstands:** Two foldable kickstands on the rear allow you to adjust the typing angle for optimal comfort.

- **Stair-Step Keycap Design (OEM Profile):** This design helps maintain a natural arm and wrist position, reducing strain during

prolonged use.

- **Rubber Pads:** Four rubber pads on the base provide stability and prevent the keyboard from sliding during use.
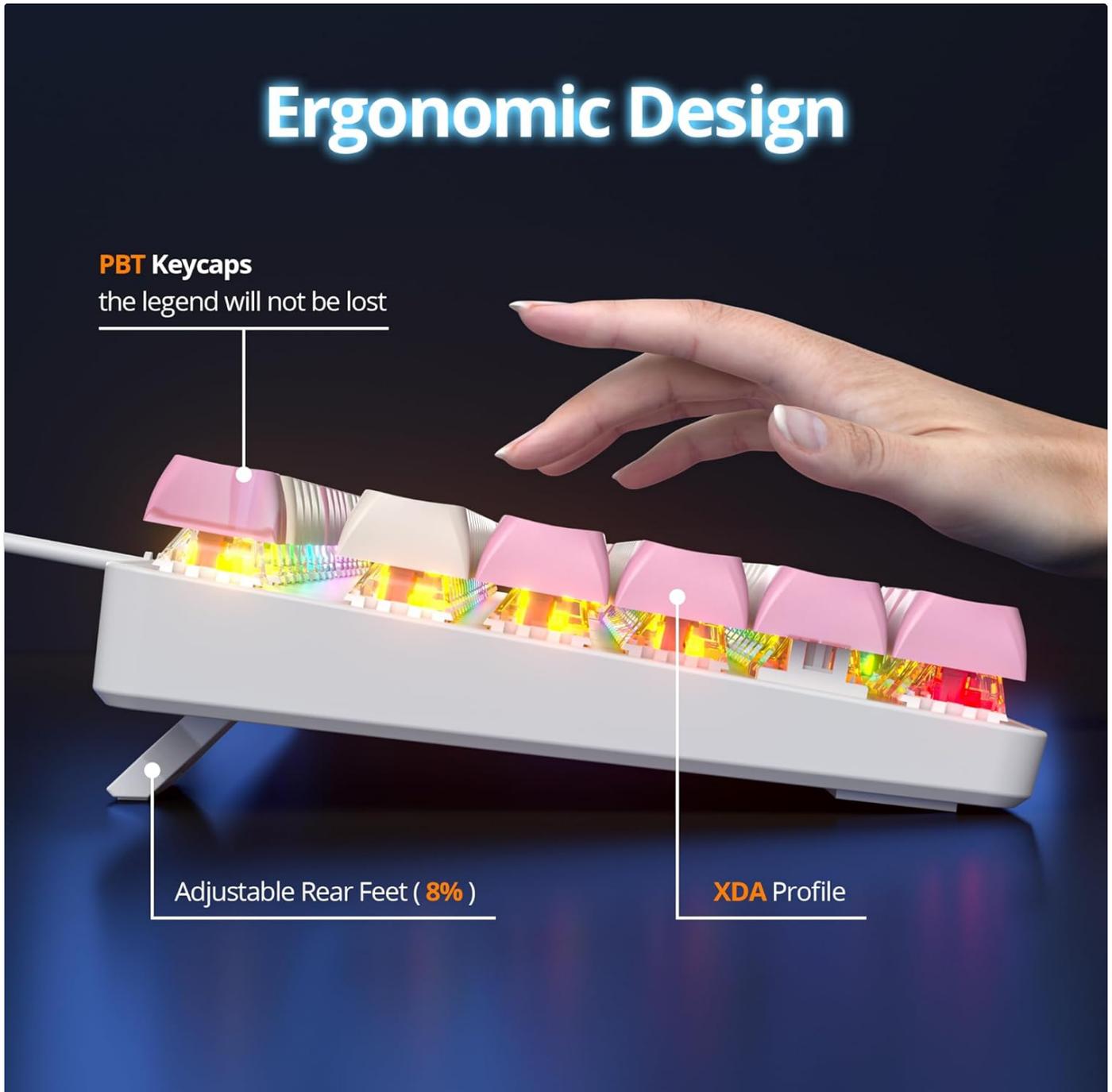

Image: A side profile of the keyboard, illustrating the adjustable rear feet and the ergonomic XDA keycap profile.

MAINTENANCE

- **Regular Cleaning:** Use a soft brush or compressed air to remove dust and debris from between the keycaps.

- **Keycap Cleaning:** For deeper cleaning, keycaps can be carefully removed using the included keycap puller. Clean them with a mild soap solution and a soft cloth, ensuring they are completely dry before reattaching.

- **Surface Cleaning:** Wipe the keyboard surface with a slightly damp, lint-free cloth. Avoid using harsh chemicals or abrasive materials.

- **Cable Care:** Avoid sharp bends or kinks in the USB cable to prevent damage.

TROUBLESHOOTING

Problem	Possible Cause / Solution
Keyboard not responding / No input	- Ensure the USB-A cable is securely connected to both the keyboard and the computer. - Try connecting the keyboard to a different USB port on your computer. - Restart your computer. - Test the keyboard on another computer to rule out system-specific issues.
Backlight not working or flickering	- Press **FN + Pause** to ensure the backlight is not turned off. - Cycle through backlight modes using **FN + INSERT** / **DELETE** / **HOME** / **END**. - Ensure the keyboard is receiving sufficient power from the USB port.
Specific keys not working or sticking	- Check for any debris or foreign objects under the keycap. Carefully remove the keycap with the puller and clean the switch area. - If a key is sticking, it might be due to a damaged switch. While switches are generally durable, excessive force or impact can cause issues. - For persistent issues with individual keys, contact customer support.
Multimedia keys not functioning	- Ensure you are pressing the **FN** key simultaneously with the desired F-key (F1-F12). - Some software or operating system settings might override keyboard shortcuts. Check your system's keyboard settings.

SPECIFICATIONS

Feature	Detail
Brand	surmen
Model	104 Ying
Keyboard Description	Mechanical
Switch Type	Linear Red Switch
Keycap Material	PBT
Number of Keys	104
Connectivity Technology	USB-A (Wired)
Compatible Devices	PC
Backlighting	RGB (18 modes)
Special Features	Backlit, Hotkeys and Media Keys, Full-Key Anti-Ghosting, Adjustable Typing Angle
Dimensions (L x W x H)	44.78 x 18.29 x 4.6 cm (approx.)
Weight	1.33 kg (approx.)
Included Components	Keycap Puller

WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the documentation included with your purchase or contact the manufacturer directly. Keep your proof of purchase for warranty claims.
Manufacturer: GTSP