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› BlueEnss Aula S100 Pro Wireless Gaming Keyboard User Manual

BlueEnss S100

BlueEnss Aula S100 Pro Wireless Gaming Keyboard User Manual

Model: S100

INTRODUCTION

Thank you for choosing the BlueEnss Aula S100 Pro Wireless Gaming Keyboard. This mechanical keyboard offers versatile tri-mode connectivity, customizable RGB backlighting, and durable red switches for an enhanced typing and gaming experience. This manual provides detailed instructions to help you set up, operate, and maintain your new keyboard.

S100 Pro MECHANICAL KEYBOARD

GASKET 3 IN1 KEYBOARD



Full RGB Backlit



Ergonomic Design



2.4G/BT5.0/Wired



Multi-function knob



Hot swappable



4000mAh Battery



85% Layout
space-saving



Custom Driver



Five-Layer Padding



PBT Keycap

Image: The Aula S100 Pro Mechanical Keyboard, showcasing its 85% layout, full RGB backlit keys, ergonomic design, 2.4G/BT5.0/Wired tri-mode connectivity, multi-function knob, hot-swappable switches, 4000mAh battery, custom driver support, five-layer padding, and PBT keycaps.

KEY FEATURES

- **Tri-Mode Connectivity:** Seamlessly switch between Bluetooth 5.0, 2.4GHz wireless, and USB-C wired modes.
- **Tactile Red Switches:** Linear mechanical switches designed for smooth, consistent keystrokes with minimal noise.
- **Immersive RGB Lighting:** Dynamic RGB backlighting with multiple built-in modes and software customization (Windows only).
- **Full-Size Layout:** 104-key layout including a dedicated number pad for productivity and gaming.
- **Extended Battery Life:** High-capacity rechargeable battery for prolonged use.
- **Premium Build Quality:** Durable ABS keycaps and solid metal plate construction.
- **Hot-Swappable Sockets:** Supports 3-pin switches for easy customization.

1. Unboxing and Initial Inspection

Carefully remove the keyboard and its accessories from the packaging. Ensure all components are present:

- Aula S100 Pro Keyboard
- USB-C Cable
- 2.4GHz USB Receiver
- Keycap Puller
- Switch Puller
- Extra Switches
- User Manual

Inspect the keyboard for any physical damage before proceeding.

Your browser does not support the video tag.

Video: An unboxing and initial review of the Aula S100 Pro keyboard, demonstrating its contents and initial feel. The video highlights the inclusion of extra switches, a keycap and switch puller, and the USB-C cable.

2. Charging the Keyboard

Before first use, it is recommended to fully charge the keyboard. Connect the provided USB-C cable to the keyboard's USB-C port and the other end to a computer's USB port or a standard 5V USB charger. Avoid using fast chargers to prevent potential damage.

3. Connecting the Keyboard

The Aula S100 Pro supports three connection modes:

- **2.4GHz Wireless Mode:** Insert the 2.4GHz USB receiver into an available USB port on your device. The keyboard should automatically connect.
- **Bluetooth 5.0 Mode:**
 - a. Toggle the switch on the keyboard to Bluetooth mode.
 - b. On your device (PC, Mac, smartphone, tablet), enable Bluetooth and search for "Aula S100 Pro".
 - c. Select the keyboard to pair. You can pair up to three Bluetooth devices.
- **USB-C Wired Mode:** Connect the keyboard directly to your device using the provided USB-C cable. This mode also charges the keyboard.

TRIPLE MODE CONNECTION



Image: The Aula S100 Pro keyboard connected via USB-C to a laptop, 2.4GHz wireless to a tablet, and Bluetooth 5.0 to a smartphone, illustrating its versatile triple-mode connectivity.

OPERATING INSTRUCTIONS

1. RGB Backlighting Control

The keyboard features dynamic RGB backlighting. Use the following key combinations to control the lighting effects:

- **Fn + \|**: Switch light effects of keys or turn off backlighting.
- **Fn + Tab**: Switch light colors of keys.
- **Fn + ?**: Switch light colors of LED strips.
- **Fn + Shift**: Switch light effects of LED strips.

16.8 Million RGB Backlit

 +		Switch light effects of keys/turn off
		Switch light colors of keys
		Switch light colors of strips
		Switch light effects of strips



Image: The Aula S100 Pro keyboard displaying its 16.8 million RGB backlit keys, with instructions for using the Fn key in combination with other keys to switch light effects and colors.

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Video: A short demonstration of the keyboard's RGB lighting effects, showing various color patterns and transitions.

2. Programmable Software Support

For advanced customization of lighting, button settings, and macro management, dedicated software is available. This custom software is compatible only with Windows operating systems.

Programmable Software support

This custom software can only be used in Windows system

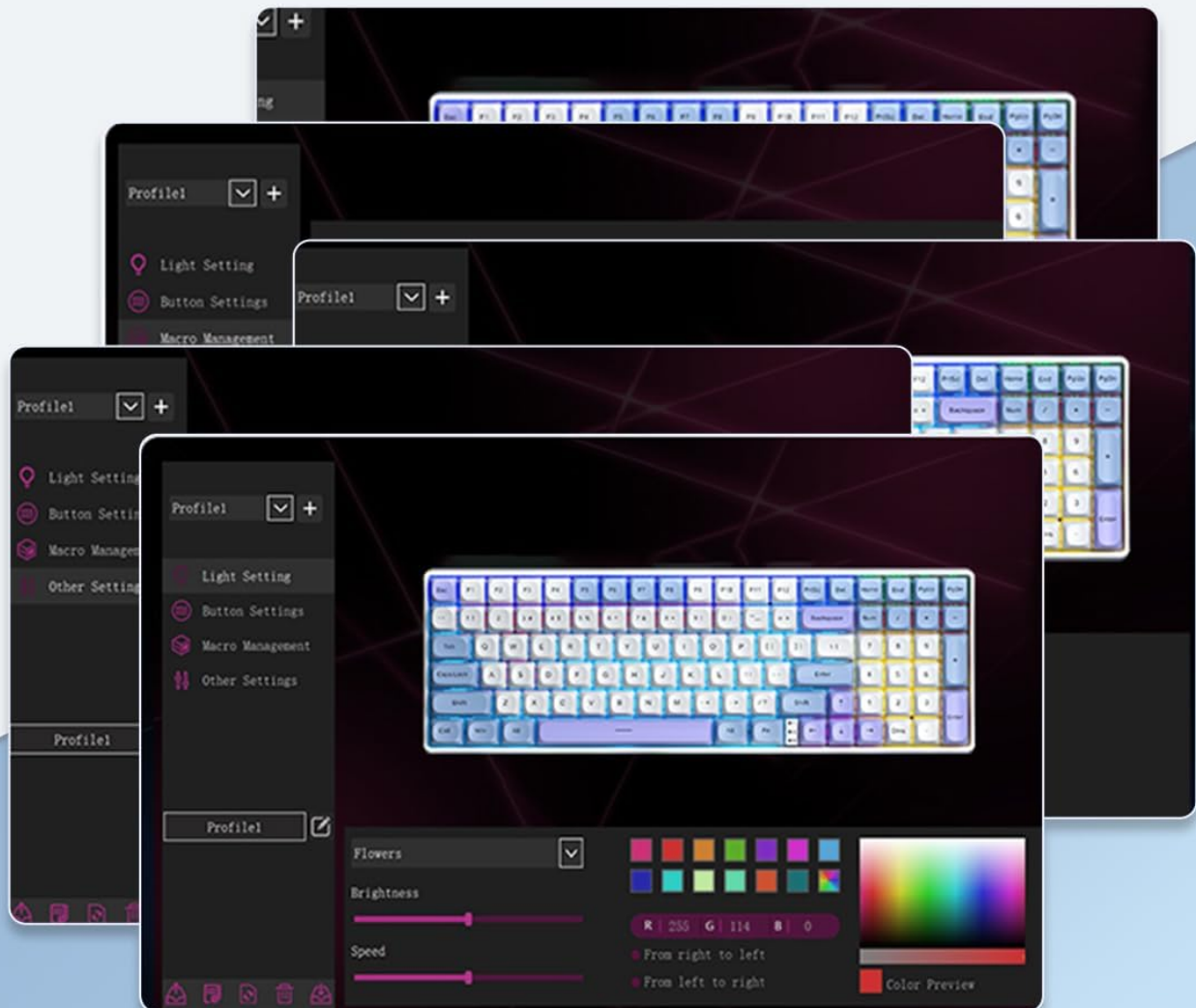


Image: Multiple screenshots illustrating the programmable software interface for the Aula S100 Pro keyboard, showing options for light settings, button assignments, and macro management.

3. Operating System Compatibility

The keyboard is designed for broad compatibility, including PC, Mac, Xbox, and mobile devices (smartphones, tablets). Specific pairing modes are available for Android, Windows, and Mac operating systems.

MAINTENANCE

1. Cleaning the Keyboard

To maintain optimal performance and appearance:

- Use a soft, lint-free cloth to wipe the surface of the keyboard.
- For deeper cleaning, use a can of compressed air to remove dust and debris from between the keycaps.
- Keycaps can be removed using the provided keycap puller for thorough cleaning.

2. Replacing Switches (Hot-Swappable)

The Aula S100 Pro features hot-swappable sockets, allowing you to change switches without soldering. It supports 3-pin switches.

1. Using the switch puller, carefully grip the switch and pull it straight up to remove it.
2. Align the pins of the new 3-pin switch with the holes on the PCB.
3. Gently push the new switch down until it clicks into place. Ensure it is seated properly to avoid bent pins.



Image: A close-up view of the Aula S100 Pro keyboard highlighting its PCB hot-swappable sockets, which support 3-pin switches, and its wear-resistant two-color injection molding PBT keycaps.

Your browser does not support the video tag.

Video: A detailed guide on how to modify the keyboard, including lubricating switches and replacing keycaps, demonstrating the hot-swappable feature.

1. Keyboard Not Responding

- Ensure the keyboard is charged. Connect it via USB-C to charge and check if it functions in wired mode.
- For 2.4GHz wireless, ensure the USB receiver is securely plugged in and the keyboard is in 2.4GHz mode.
- For Bluetooth, ensure the keyboard is in Bluetooth mode and correctly paired with your device. Try re-pairing if necessary.
- Restart your device and the keyboard.

2. RGB Lights Not Working/Incorrect

- Check the lighting control key combinations (Fn + \/, Fn + Tab, Fn + ?, Fn + Shift) to ensure the desired effect is selected.
- If using custom software, ensure it is running and the settings are applied correctly.
- Ensure the keyboard is sufficiently charged, as low battery can affect lighting performance.

3. Connectivity Issues

- **2.4GHz:** Try a different USB port for the receiver. Ensure no other 2.4GHz devices are causing interference.
- **Bluetooth:** Ensure your device's Bluetooth is enabled and the keyboard is within range. Remove and re-pair the device in your Bluetooth settings.
- **Wired:** Try a different USB-C cable or USB port on your device.

SPECIFICATIONS

Feature	Detail
Model Number	S100
Connectivity Technology	Bluetooth 5.0, 2.4GHz Wireless, USB-C Wired
Keyboard Description	Mechanical
Switch Type	Red Switches (Linear)
Special Feature	Hot-Swappable (3-pin switches)
Keycap Material	PBT (Wear-resistant two-color injection molding)
Keyboard Backlighting	RGB
Layout	Full-size (104-key with number pad)
Battery Capacity	High-capacity rechargeable battery (specific mAh not provided, but stated as extended life)
Compatible Devices	Gaming Console, Laptop, PC, Smartphone, Tablet
Product Dimensions	4.98 x 1.6 x 14.56 inches
Item Weight	2.14 pounds

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official BlueEnss website or contact their customer

service directly. Keep your purchase receipt as proof of purchase for any warranty claims.

Online Support: Visit the [BlueEnss Store on Amazon](#) for product information and support resources.

