

MechLands S500

MechLands Aula S500 Wired Mechanical Gaming Keyboard User Manual

Model: S500

1. INTRODUCTION

The MechLands Aula S500 is a 100% full-size wired mechanical gaming keyboard designed for precision and responsiveness. It features 104 keys, N-Key Rollover (NKRO), RGB backlighting, shine-through keycaps, and an ergonomic design for comfortable use during gaming and professional tasks. This manual provides detailed instructions for setup, operation, and maintenance of your keyboard.

MECHLANDS

AULA S500

Mechanical Gaming Keyboard

**104 Keys****20 Effects****NKRO****PBT Keycaps****Wired****Durable Switch**

Image: The MechLands Aula S500 mechanical gaming keyboard showcasing its full layout and dynamic RGB backlighting.

2. PACKAGE CONTENTS

Before you begin, please ensure all items are present in the package:

- MechLands Aula S500 Wired Mechanical Gaming Keyboard
- User Manual (this document)
- Keycap Puller



Image: Contents of the MechLands Aula S500 package, including the keyboard, user manual, and keycap puller.

3. SETUP INSTRUCTIONS

The MechLands Aula S500 keyboard features a simple plug-and-play wired connection.

1. **Connect the USB Cable:** Locate the USB connector on the keyboard's cable. Insert the USB connector into an available USB port on your computer.
2. **System Recognition:** Your operating system (Windows, macOS, etc.) will automatically detect and install the necessary drivers. This process may take a few moments.
3. **Ready for Use:** Once the drivers are installed, the keyboard is ready for immediate use.



Image: Detail of the hardwired USB cable connection on the MechLands Aula S500 keyboard.

The keyboard is compatible with various operating systems and devices:

A promotional graphic for the MechLands Aula S500 keyboard. It features a high-quality image of the keyboard with RGB lighting and a numpad. Below the keyboard, there are several icons representing different operating systems and devices: Windows, Mac OS, Android, iOS, Tablets, Laptops, Phone, and PC. The text 'Stable Wired 100% Full Layout Keyboard with Numpad' is prominently displayed, along with a description of its features.

Windows Mac OS Android iOS iOS

Tablets Laptops

Phone PC

Stable Wired 100% Full Layout Keyboard with Numpad

Complete desktop control without compromise: a stable wired connection and a full layout with a dedicated numpad.

Image: Diagram illustrating the broad compatibility of the keyboard with Windows, Mac OS, Android, iOS, PCs, tablets, and laptops.

4. OPERATING INSTRUCTIONS

The Aula S500 keyboard offers standard typing functionality along with advanced features for gaming and productivity.

4.1 Basic Typing

Simply connect the keyboard to your device, and you can begin typing immediately. The 104-key layout includes a dedicated number pad for efficient data entry.

Durable Keycaps & Metal Panel

Long-Lasting Durability & Wear-Resistant Keycaps





50 Million Keystrokes Lifespan



PBT Keycaps in OEM Profile



Premium Metal Brushed Panel

Image: A user's hands actively typing on the MechLands Aula S500 keyboard, highlighting its ergonomic design and illuminated keys.

4.2 N-Key Rollover (NKRO)

The keyboard supports N-Key Rollover, allowing you to press multiple keys simultaneously without any ghosting or missed inputs. This feature is crucial for fast-paced gaming and accurate typing.

Anti-Ghosting & Fast Response

Experience Instant Response With NKRO



USB-C Wired

1000hz

Image: A close-up view of the keyboard showing multiple keys illuminated, indicating the N-Key Rollover (NKRO) feature for simultaneous key presses.

4.3 Polling Rate

The keyboard operates at a 1000Hz polling rate, ensuring rapid response times and minimal input lag for competitive gaming.

4.4 Ergonomic Design

The keyboard features an angled design and ergonomic kickstands to promote a natural hand position, reducing strain during extended use.

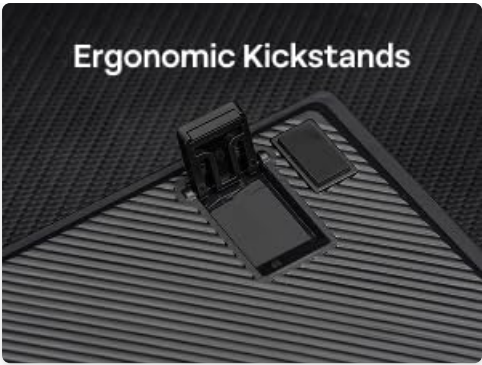


Image: Detail of the ergonomic kickstands on the keyboard, designed for adjustable typing angles.

5. RGB LIGHTING MODES

The Aula S500 features vibrant RGB backlighting with various customizable effects.

- **Lighting Effects:** Choose from 20 colorful lighting effects.
- **Gaming Backlight Modes:** Access 8 dedicated gaming backlight modes.
- **Customizable Modes:** Create 2 personalized lighting modes.

5.1 Switching Lighting Modes

- Press **Fn + [1-8]** to activate dedicated game modes.
- Press **Fn + [9/0]** to switch between custom light modes.



Image: The keyboard displaying a diverse range of RGB lighting modes and effects.

6. SPECIFICATIONS

Feature	Description
Brand	MechLands
Model	S500
Connectivity	Wired (USB)

Number of Keys	104
Switch Type	Linear (Blue Switch)
Actuation Point	2.4mm
Operating Force	60g
Keystroke Lifespan	50 Million Cycles
Polling Rate	1000Hz
Backlighting	RGB
Keycap Material	PBT (Shine-Through)
Panel Material	Metal Brushed Panel
Keyboard Layout	QWERTY
Dimensions (L x W x H)	43.6cm x 12.6cm x 4.97cm (17.2in x 5.0in x 2.0in)
Weight	720g

100% Full Size Layout

43.6cm/17.2inch Width	12.6cm/5.0inch Depth
4.97cm/2.0inch Height	720g Weight

100% Full Size Layout

104 Keys ANSI Layout With Numpad





Image: Technical diagram detailing the 100% full-size layout and physical dimensions of the keyboard.

Image: Detailed view of the blue mechanical switches with North-facing LEDs, highlighting their design and illumination.

7. MAINTENANCE

Proper maintenance ensures the longevity and performance of your keyboard.

- **Cleaning:** Regularly clean the keyboard with a soft, dry cloth. For deeper cleaning, use a can of compressed air to remove dust and debris from between the keycaps.
- **Keycap Removal:** Use the included keycap puller to carefully remove keycaps for thorough cleaning or replacement. Gently pull the keycap straight up to avoid damaging the switch.
- **Avoid Liquids:** Do not spill liquids on the keyboard. If a spill occurs, immediately disconnect the keyboard and allow it to dry completely before reconnecting.

8. TROUBLESHOOTING

If you encounter issues with your MechLands Aula S500 keyboard, refer to the following common solutions:

- **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 system-specific issues.

- **RGB Lights Not Working/Incorrect:**

- Ensure the keyboard is properly connected and powered.
- Cycle through lighting modes using **Fn + [1-0]** to ensure a mode is selected.
- Adjust brightness levels if applicable (refer to specific key combinations in the full manual if available).

- **Keys Not Registering or Ghosting:**

- Due to NKRO, ghosting should not occur. If it does, ensure the keyboard is clean and free of debris that might be interfering with key presses.
- If a specific key is not registering, it might indicate a hardware issue.

If these steps do not resolve the issue, please contact customer support.

9. WARRANTY AND SUPPORT

9.1 Warranty Information

The MechLands Aula S500 Wired Mechanical Gaming Keyboard comes with a **1-year warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use. It does not cover damage caused by misuse, accidents, unauthorized modifications, or improper maintenance.

9.2 Customer Support

For technical assistance, warranty claims, or further inquiries, please visit the official MechLands website or contact their customer support team through the contact information provided on their website or your purchase documentation.

10. PRODUCT VIDEO

Watch the official product video for a visual overview of the MechLands Aula S500 Gaming Keyboard's features and lighting effects.

Your browser does not support the video tag.

Video: Official product video demonstrating the MechLands Aula S500 Gaming Keyboard, showcasing its RGB backlighting and typing experience.

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.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question