AULA F106 PRO

AULA F106 PRO Wireless Mechanical Keyboard Instruction Manual

Model: F106 PRO

INTRODUCTION

Thank you for choosing the AULA F106 PRO Wireless Mechanical Keyboard. This manual provides detailed instructions for setup, operation, maintenance, and troubleshooting to ensure optimal performance and longevity of your device. The F106 PRO features a 104-key layout, tri-mode connectivity, an intelligent display screen with a multi-function knob, customizable RGB backlighting, and hot-swappable mechanical switches for a personalized typing experience.
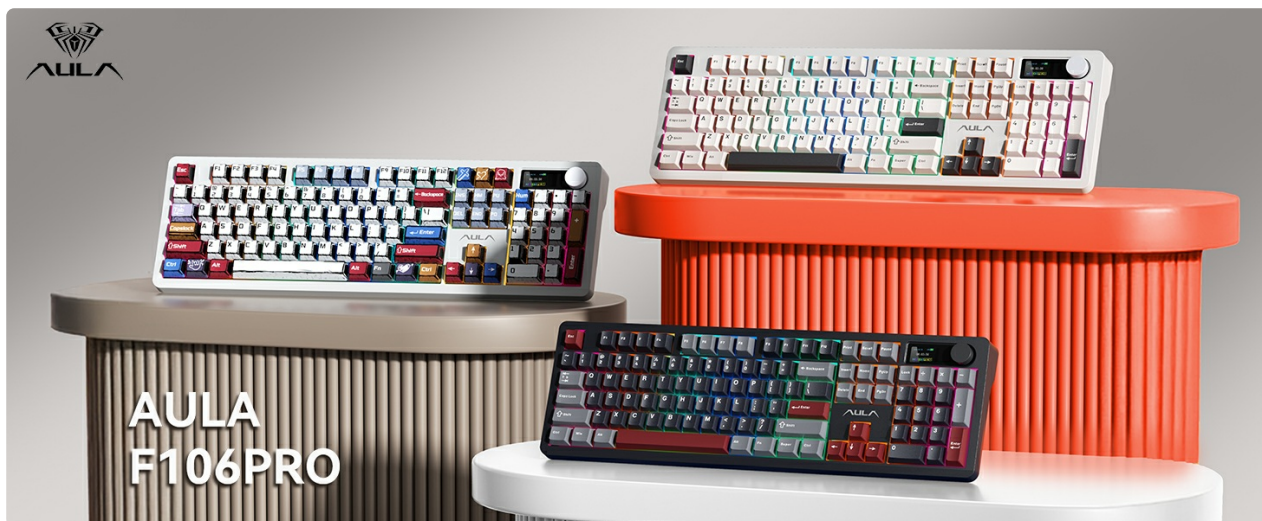

Image: Overview of the AULA F106 PRO Wireless Mechanical Keyboard highlighting its features.

WHAT'S IN THE BOX

- 1x AULA F106 PRO Mechanical Keyboard
- 1x USB Cable
- 1x Keycap/Switch Puller
- 4x Replace Linear Switches
- 1x User Manual

Image: A visual representation of all items included in the AULA F106 PRO keyboard package.

SETUP AND CONNECTION

The AULA F106 PRO supports three connection modes: Bluetooth, 2.4GHz wireless, and USB-C wired. It can connect to up to five devices simultaneously.

1. Bluetooth Connection

1. Flip the switch on the keyboard to the 'BT' side.
2. Hold **FN+Q** until the light indicator flashes quickly, indicating pairing mode.
3. On your device (PC, Laptop, Tablet, Phone), search for 'Epomaker TH108-1' (or similar) in Bluetooth settings and connect.
4. Short press **FN+Q**/**W**/**E** to toggle among Bluetooth devices 1/2/3.

2. 2.4GHz Wireless Connection

1. Flip the switch on the keyboard to the '2.4G' side.
2. Locate the 2.4GHz receiver stored in the keyboard's underside compartment.
3. Insert the 2.4GHz receiver into a USB port on your device. The keyboard will connect automatically.

3. USB-C Wired Connection

1. Flip the switch on the keyboard to the 'USB' side.
2. Connect the provided USB-C cable from the keyboard to a USB port on your device.

Image: Visual guide to connecting the keyboard via 2.4G, USB-C, and Bluetooth modes.

Video: Demonstrates the tri-mode connection process for the keyboard, including Bluetooth pairing and 2.4GHz receiver setup.

OPERATING INSTRUCTIONS

Intelligent Display Screen & Multi-function Knob

The built-in TFT color display screen and multi-function knob provide easy access to various settings:

- **Custom GIF Images:** Upload and switch custom GIF images.
- **Volume Control:** Adjust audio volume.
- **Date & Time:** View current date and time.
- **Battery Status:** Monitor keyboard battery level.
- **Backlighting:** Control RGB effects, colors, brightness, and speed.
- **Connection Modes:** Switch between Bluetooth, 2.4GHz, and wired modes.

Note: For custom GIF images and advanced settings, Windows software may be required. Keep the keyboard in wired mode for customization if your device is not a Windows system.

Image: Close-up of the intelligent TFT display screen and multi-function knob, illustrating different menu options like GIF display, home screen, connection, lighting effects, brightness, volume, and language settings.

RGB Backlighting Control

The keyboard features over 16.8 million RGB colors with multiple dynamic effects. Use the multi-function knob or the following shortcuts:

- **FN + \|:** Switch backlight effect.
- **FN + TAB:** Switch backlight color.
- **FN + ↑/↓:** Adjust backlight brightness.
- **FN + ←/→:** Adjust lighting speed.
- **FN + ESC:** Restore default settings.
- **FN + L Win:** Lock Windows key.
- **FN + Shift:** Switch RGB ambient light bar mode.
- **FN + Ctrl (Right):** Cycle through RGB ambient light bar speeds.
- **FN + Alt (Right):** Switch ambient light brightness.

Image: The keyboard displaying a vibrant array of RGB backlight colors and effects.

Video: Demonstrates various RGB backlight effects and how to adjust them using the keyboard's controls.

Hot-Swappable Switches & PBT Keycaps

The AULA F106 PRO features hot-swappable PCB, allowing you to easily replace 3-pin or 5-pin switches without soldering. The included Blaze Switches provide a creamy typing sound and smooth feel. The durable PBT keycaps are made with two-color injection molding, ensuring characters are clear, wear-resistant, and won't fade or become oily over time.

Gasket Structure

1. Multi-function Knob
2. ON/OFF Switch
3. Type-C Interface
4. 2.4G Receiver
5. Keyboard Frame
6. PET Keycaps
7. Blaze Switch
8. PP/FR4 Positioning Plate
9. Poron Foam
10. PET Pad
11. Switch Socket
12. PCBA Pad
13. Poron Base Foam
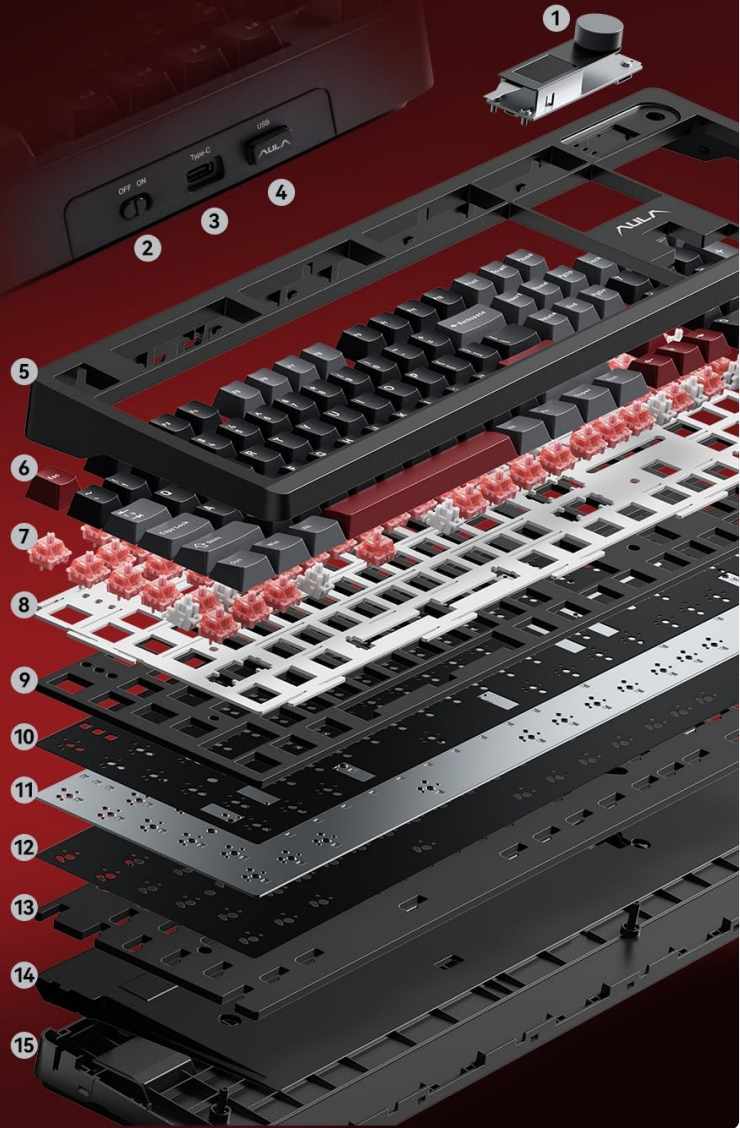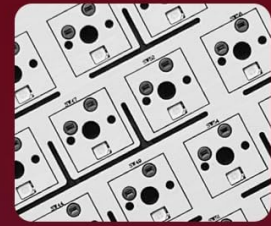14. Botton Silicone Base Pad
15. Keyboard Botton Case

Image: An exploded diagram illustrating the internal gasket structure and various layers of the keyboard, including the multi-function knob, switches, and keycaps.

1.PCB Hot Swappable Socket
Support 3-pin/5-pin Switch

South Facing LEDs

2.Blaze Switch

- Initial pressure: 28gf±5gf
- Conductive pressure: 36gf±5gf
- Bottom pressure: 45gf±5gf
- Initial Travel:1.8±0.1mm
- Total Travel:3.3±0.1mm
- Mechanical life:about 100,000,000 times

3.Side Printed PBT Keycaps

Image: Detailed view of the PCB hot-swappable socket, Blaze switches with their specifications, and side-printed PBT keycaps.

Video: A demonstration of the typing sound and feel of the EPOMAKER X Aula F108 PRO keyboard, showcasing its switches.

Battery Life

The keyboard is equipped with an 8000mAh large-capacity rechargeable lithium battery. It can operate continuously for over 30 hours with full backlighting and over 200 hours with backlighting off.

Image: Illustration of the keyboard's 8000mAh high-capacity battery, showing approximately 30 hours with backlight ON and 200 hours with backlight OFF.

Maintenance

Cleaning

Regularly clean your keyboard to maintain its performance and appearance. Use a soft, dry cloth to wipe down the keycaps and chassis. For dust or debris between keys, use the provided brush or compressed air.

Switch and Keycap Replacement

To replace switches or keycaps:

1. Gently use the keycap puller to remove the desired keycap.
2. Use the switch puller to carefully grip and pull out the mechanical switch.
3. Align the pins of the new switch with the holes on the PCB and press firmly until it clicks into place.
4. Place the new keycap onto the switch stem and press down.

Troubleshooting

- **Connection Issues:** Ensure the mode switch (BT, 2.4G, USB) is correctly set. For wireless modes, check battery level. For Bluetooth, ensure your device's Bluetooth is on and the keyboard is in pairing mode. For 2.4GHz, ensure the receiver is securely plugged in.
- **RGB Lighting Not Working:** Check if backlighting is enabled via the knob or FN shortcuts. Ensure battery is charged.
- **Software Customization:** If using a non-Windows system, connect the keyboard via USB-C and download the dedicated software from the official AULA website on a Windows PC to customize settings like GIF images.
- **Display Screen Dimness/Knob Sensitivity:** Some users report the screen can be dim or the knob sensitive. Check for firmware updates on the official AULA website, as these may address such issues.

SPECIFICATIONS

- **Product Dimensions:** 17.52 x 5.63 x 1.71 inches
- **Item Weight:** 3.52 pounds
- **Manufacturer:** AULA
- **Item Model Number:** F106 PRO
- **Batteries:** 1 AA batteries required (included) - *Note: Product description mentions 8000mAh rechargeable lithium battery, please refer to product packaging for exact battery type.*
- **Compatible Devices:** Gaming Console, Laptop, PC, Smartphone, Tablet
- **Connectivity Technology:** Bluetooth, USB-C, 2.4GHz Wireless
- **Keyboard Description:** Mechanical
- **Special Features:** Backlit, Ergonomic, Hot-Swappable, Programmable Keys, Rechargeable
- **Keyboard Backlighting Color Support:** RGB
- **Style:** Retro

Image: The keyboard featuring an ergonomic height design with side-light adjustment and 2-stage foot mats for comfortable typing angles.

WARRANTY AND SUPPORT

For warranty information, technical support, or further assistance, please refer to the official AULA website or contact AULA customer service directly. Keep your purchase receipt for any warranty claims.