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> AULA F108 PRO Wireless Mechanical Keyboard User Manual

AULA F108 Pro

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Model: F108 Pro

1. INTRODUCTION

The AULA F108 PRO is a full-size wireless mechanical keyboard designed for gaming and productivity. It features a smart TFT color display screen, a multi-function knob, tri-mode connectivity (BT5.0, 2.4GHz wireless, and USB-C wired), hot-swappable switches, and vibrant RGB backlighting. This manual provides detailed instructions for setting up, operating, and maintaining your AULA F108 PRO keyboard.



Figure 1: AULA F108 PRO Wireless Mechanical Keyboard (Gradient Blue)

2. PACKAGE CONTENTS

Verify that all items are present in the package:

- Mechanical Keyboard x1
- Keycap/Switches Puller x1
- Extra Switches x2
- USB Cable x1

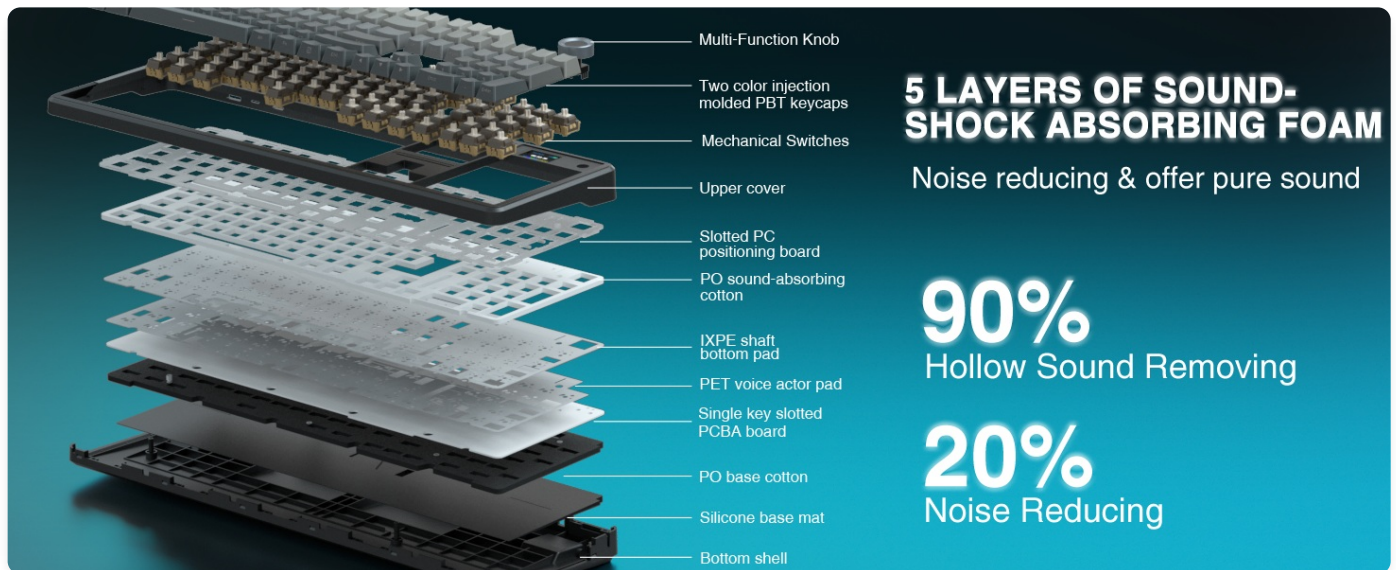


Figure 2: Included accessories and keyboard dimensions.

3. PRODUCT FEATURES

3.1 Smart Display Screen & Multi-function Knob

The keyboard features an intelligent TFT color display screen for real-time updates and customization. The multi-function knob allows easy switching and updating of custom GIF images, volume, date and time, battery status, backlight, and connection modes.

Note: Screen image/GIF customization and date/time calibration require software download under Windows system and wired mode connection. The screen comes with a peelable protective film.



Figure 3: Smart Display Screen and Multi-function Knob Interface.

3.2 Tri-mode Connection

Supports BT5.0, 2.4GHz wireless, and USB-C wired connectivity. BT5.0 allows quick switching between up to five devices (PC, Mac, laptop, tablets). 2.4GHz wireless and USB-C wired modes offer a 1000Hz polling rate for stability and responsiveness. Compatible with Windows, Mac, iOS, and Android operating systems.

TRI-MODE CONNECTION

Support multiple devices and system

Type-C

Plug and play



BT5.0

Save up to 3 devices
FN+1/2/3

BT

2.4GHz Wireless

Stable and Fast
FN+~



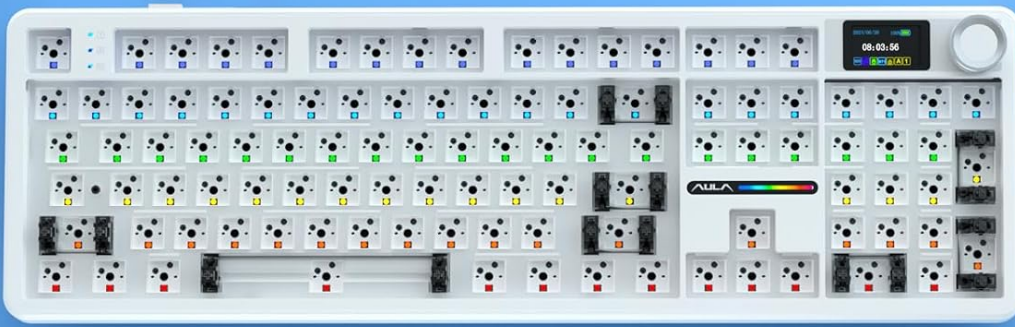
Figure 4: Tri-mode Connectivity Overview.

3.3 Hot-swappable Custom Keyboard

The F108 Pro features a hot-swappable base compatible with 3-pin or 5-pin switches, allowing easy replacement of switches and keycaps without soldering. It comes with pre-lubricated switches and stabilizers for a smooth typing feel and creamy mechanical sound.

1.PCB Hot Swappable Socket

Support 3-pin/5-pin Switches



South Facing LEDs

2.Wind Spirit Switches(Linear)



Initial Pressure: $45 \pm 10\text{gf}$
Bottom Pressure: $50 \pm 10\text{gf}$
Conduction Stroke: $2.0 \pm 0.4\text{mm}$
Total Stroke: $3.5\text{mm} \pm 0.4\text{mm}$
Mechanical Life: about 60 million times

3.Side-Printed PBT Keycaps

The new trend of keyboard PBT anti-sweat, never fade

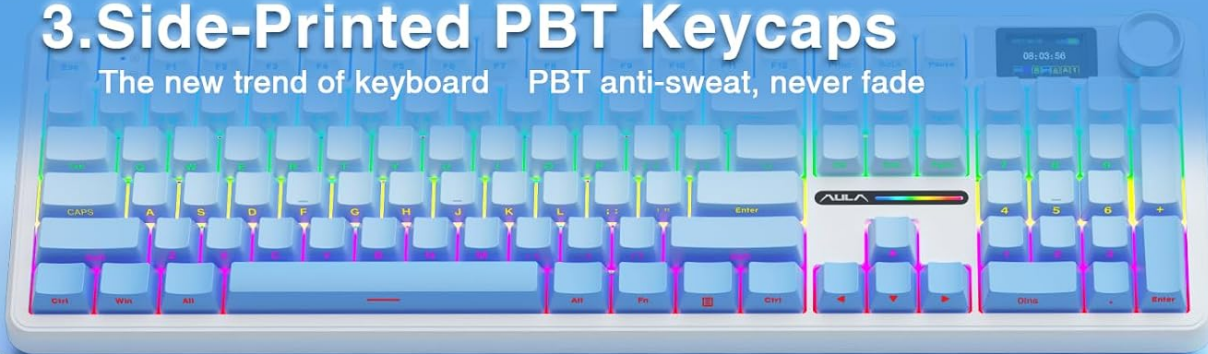


Figure 5: Hot-swappable features and switch specifications.

3.4 Advanced Five Layers Filling Structure

Equipped with an advanced structure including an integrated silicone pad and PCB single key slotting, optimizing resilience and stability. Five layers of filling silencer effectively counteract cavity noise, ensuring pure sound and a smooth typing experience.

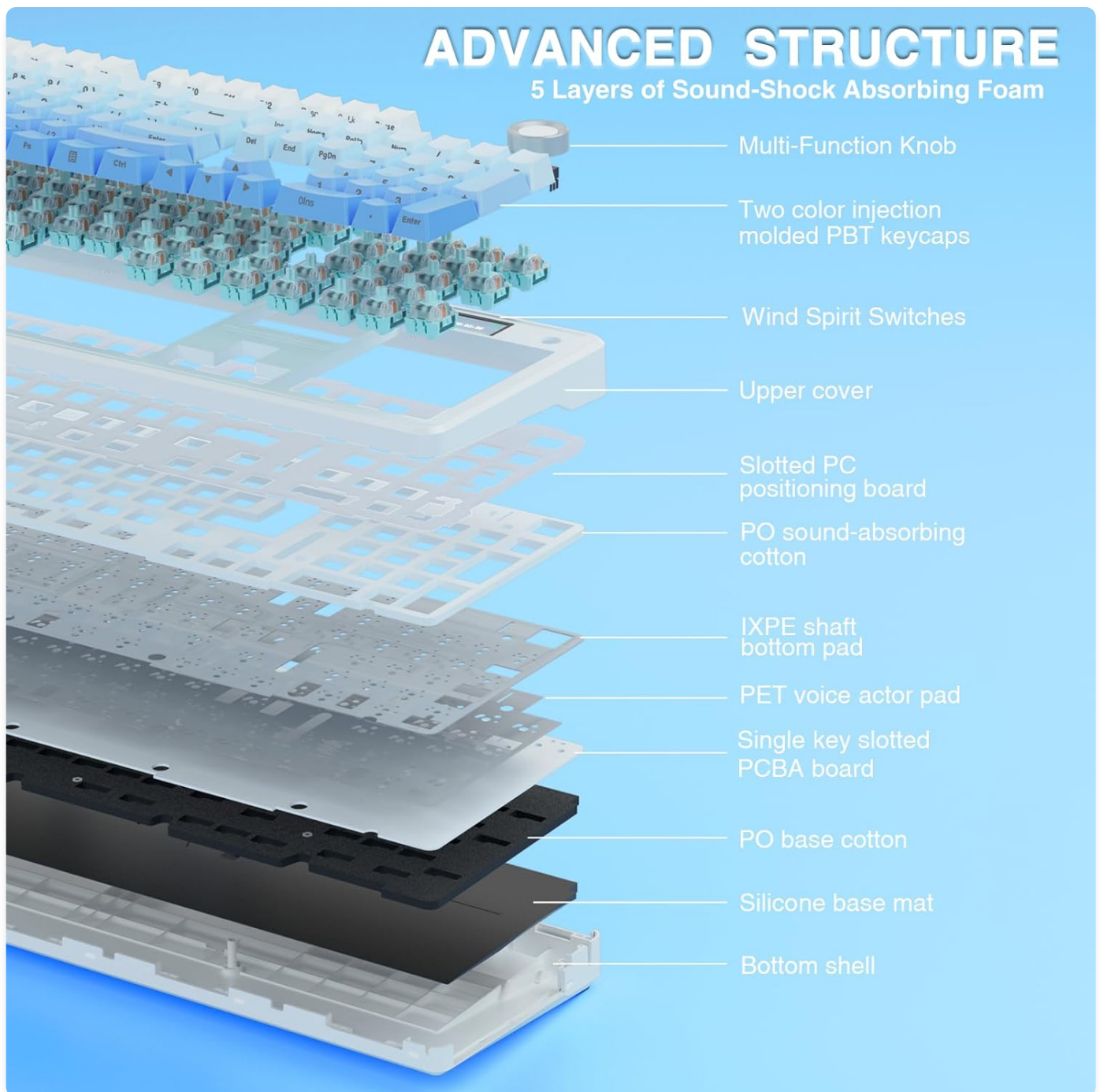


Figure 6: Internal Structure with Sound-Dampening Layers.

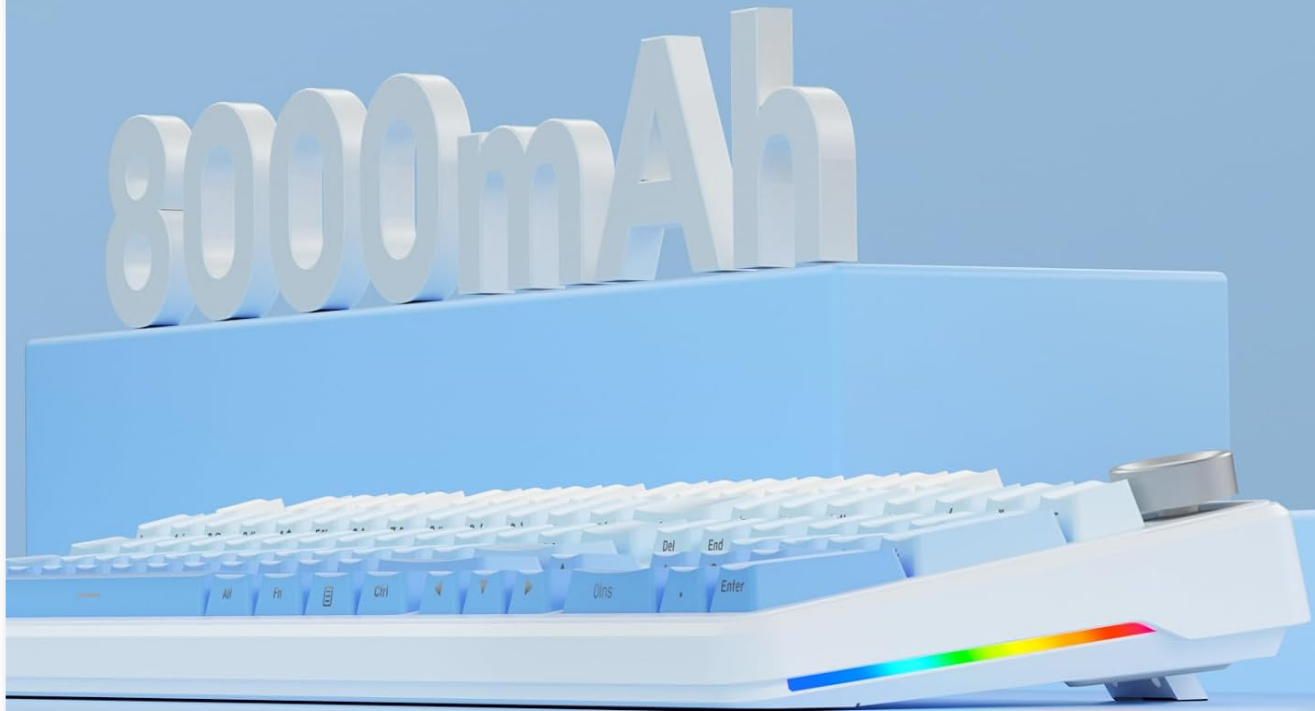
3.5 104 Keys Full Size Keyboard

Features a 100% full-size layout with arrow keys, function keys, and numeric zones for enhanced productivity. Two-color injection-moulded PBT keycaps are durable, sweat-proof, and soft to the touch. Built-in 8000mAh high-capacity battery supports long work or gaming sessions.

8000mAh HIGH-CAPACITY BATTERY

💡 About 32 hours (Backlit ON)

💡 About 76 hours (Backlit OFF)



2-Stage Foot Mat



Figure 7: Battery Capacity and Keyboard Profile.

3.6 RGB Backlight & Programmable Software

Supports multiple dynamic RGB effects, monochrome, and multi-color modes with over 16.8 million colors. Decorative light bars on both sides enhance the gaming atmosphere. RGB effects and colors can be switched via the knob, software, or shortcut keys. The F108 Pro driver allows macro customization for all keys (Windows system, wired mode only).

16.8 MILLION RGB BACKLIGHT

Easily Adjust Backlight with Shortcut Keys or Software/Knob



switch 19 lighting effects or turn off the backlit



switch lighting colors



lighting brightness+



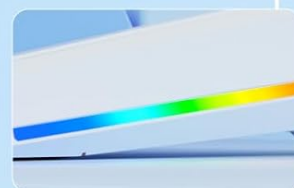
lighting brightness-



lighting speed+



lighting speed-



Side-light Adjustment

FN+Right Shift
Switch side-light effect

FN+/?
Switch side-light color

FN+Right Alt
Switch side-light brightness

Figure 8: RGB Backlight Customization.

PROGRAMMABLE CUSTOM DRIVER

Note: The driver currently only supports Windows

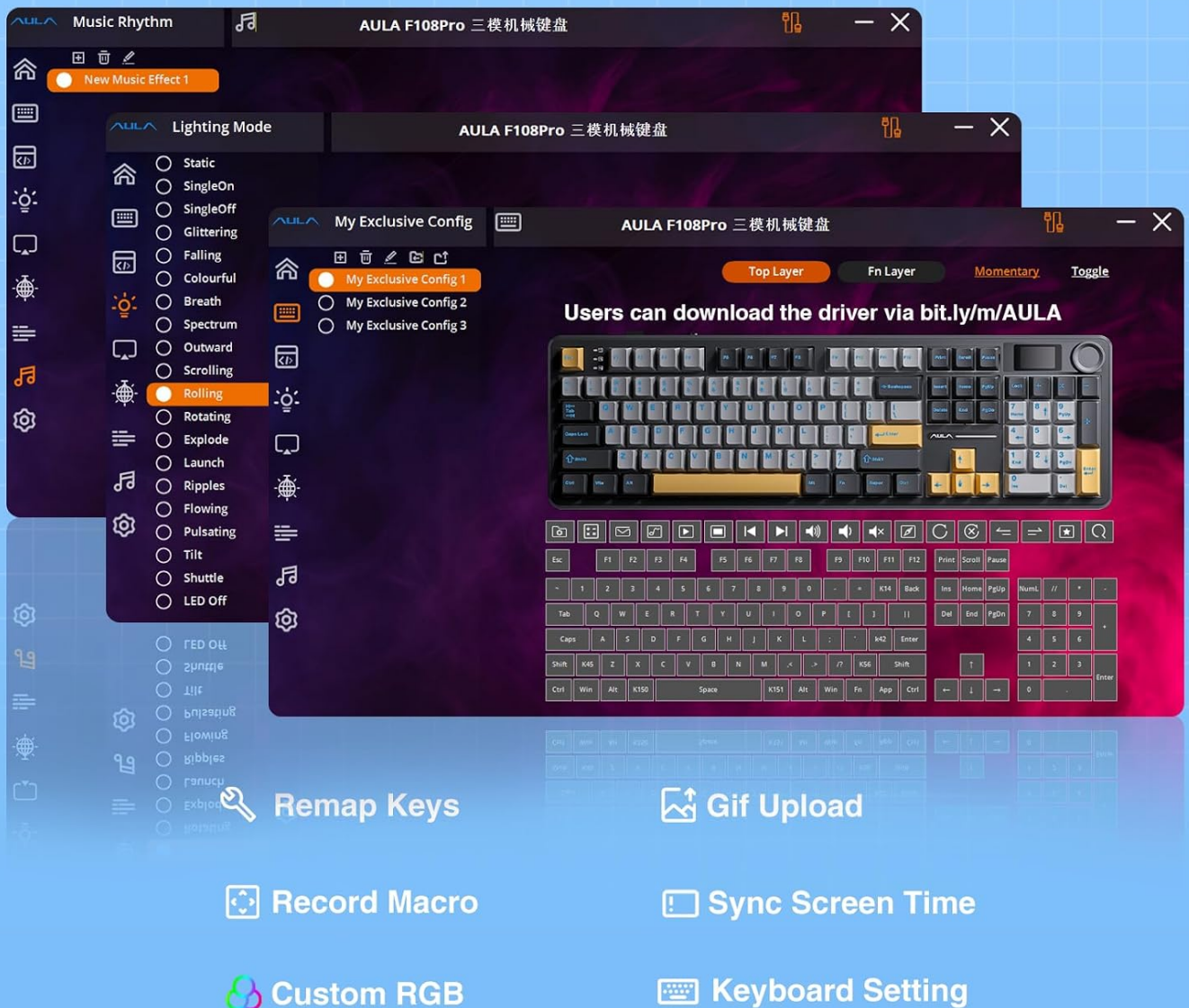


Figure 9: Programmable Custom Driver Software.

4. SETUP AND INSTALLATION

4.1 Connecting the Keyboard

The AULA F108 PRO supports three connection modes:

- **USB-C Wired:** Connect the provided USB-C cable from the keyboard to your computer. This mode also charges the keyboard and is required for driver software functionality.
- **2.4GHz Wireless:** Insert the 2.4GHz USB receiver (found in the keyboard's storage slot) into your computer's USB port. Switch the keyboard to 2.4GHz mode using the multi-function knob or designated shortcut.
- **BT5.0 (Bluetooth):** Switch the keyboard to BT5.0 mode. On your device (PC, Mac, tablet, smartphone), search for Bluetooth devices and select "AULA F108 PRO" to pair. The keyboard can save up to five Bluetooth devices.

4.2 Calibrating Screen Date/Time and Customizing GIF

To calibrate the screen's date and time or upload custom GIF images, you must use the dedicated driver software. This software is only compatible with Windows operating systems and requires the keyboard to be connected via USB-C wired mode.

1. Download the F108 Pro driver from the official AULA website (link provided in product feature bullets or packaging).
2. Connect the keyboard to your Windows PC via the USB-C cable.
3. Open the F108 Pro driver software.
4. Navigate to the TFT screen settings within the software.
5. For date/time calibration, find the "Time Sync" button and click to complete the setup.
6. For GIF customization, click "Import" to select your desired GIF file, then click "Upload to keyboard" to transfer it to the screen.

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Video 1: How to calibrate screen date/time and customize GIF image.

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Video 2: AULA F108Pro Screen Protective Film Removal Guide.

5. OPERATION

5.1 Using the Multi-function Knob

The knob on the top right of the keyboard serves multiple purposes:

- **Rotate:** Navigate through menu options on the TFT screen (e.g., settings, effects, colors, volume, language).
- **Press:** Confirm selection or enter a sub-menu.
- **Long Press (FN + Knob):** Toggle default knob function (e.g., between volume control and other settings).

5.2 Adjusting RGB Backlight

The RGB backlight can be adjusted using the multi-function knob, software, or dedicated shortcut keys:

- **FN + \ | :** Switch between 19 lighting effects or turn off the backlight.
- **FN + Tab:** Switch lighting colors.
- **FN + ↑ / ↓:** Adjust lighting brightness.
- **FN + ← / →:** Adjust lighting speed.
- **Side-light Adjustment:**
 - **FN + Right Shift:** Switch side-light effect.
 - **FN + / ? :** Switch side-light color.
 - **FN + Right Alt:** Switch side-light brightness.

Your browser does not support the video tag.

Video 3: AULA F108pro creamy keyboard with number pad showcasing sound and RGB.

Your browser does not support the video tag.

Video 4: F108pro Sound Test, Creamy Sounding Keyboard.

6. MAINTENANCE

6.1 Cleaning

Regularly clean your keyboard to ensure optimal performance and longevity. Use a soft, lint-free cloth dampened with a small amount of water or a mild cleaning solution. Avoid excessive moisture and harsh chemicals. For dust and debris between keycaps, use compressed air.

6.2 Replacing Switches and Keycaps

The hot-swappable design allows for easy replacement of switches and keycaps:

- **Keycap Removal:** Use the provided keycap puller to gently pull keycaps straight up.
- **Switch Removal:** Use the provided switch puller to grip the top and bottom clips of the switch and pull it straight out. Ensure the keyboard is powered off before removing switches.
- **Installation:** Align the new switch or keycap with the corresponding slot and press firmly until it clicks into place.

7. TROUBLESHOOTING

7.1 Screen Display in Chinese / Incorrect Date/Time

The keyboard's screen may default to Chinese or have an incorrect date/time. This can be resolved via the multi-function knob or driver software:

- **Using the Knob:** From the clock screen, rotate the knob 8 clicks to the right until the purple circle is selected. Press the knob to enter the sub-menu, then rotate one click to select "En" for English. Press the knob again to confirm.
- **Using Software:** Refer to Section 4.2 for instructions on calibrating date/time and customizing date/time and customizing the GIF using the F108 Pro driver software (Windows only, wired mode required).

7.2 Wireless Connection Issues

If the 2.4GHz wireless dongle goes to sleep or the keyboard loses connection:

- Try re-inserting the USB dongle into a different USB port on your computer.
- Ensure the keyboard is fully charged.
- Verify the keyboard is set to the correct connection mode (2.4GHz or BT5.0) using the switch on the back or the multi-function knob.
- For Bluetooth, ensure your device's Bluetooth is enabled and the keyboard is in pairing mode if necessary.

7.3 Driver Software Compatibility

The F108 Pro driver software only supports Windows systems in wired mode. In Linux systems, incompatible driver versions may cause abnormal F-zone functionality. This is a known phenomenon and does not indicate a defect.

8. SPECIFICATIONS

Feature	Specification
Model Number	F108 Pro
Connectivity Technology	2.4GHz Wireless, BT5.0, USB-C
Keyboard Description	Mechanical
Number of Keys	104

Battery Capacity	8000mAh (2 Lithium Ion batteries included)
Backlight	RGB (16.8 Million Colors)
Special Features	Backlit, Programmable Keys, Rechargeable, Hot-Swappable, Smart Display Screen, Multi-function Knob
Item Weight	2.65 pounds
Package Dimensions	18.54 x 6.93 x 2.13 inches

9. WARRANTY AND SUPPORT

AULA products come with a standard manufacturer's warranty. For detailed warranty information, technical support, or service inquiries, please visit the official AULA website or contact their customer service department. Keep your purchase receipt for warranty claims.

Official AULA Store: [AULA Store on Amazon](#)

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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

