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ATTACK SHARK X85 Pro

ATTACK SHARK X85 Pro Wireless Mechanical Gaming Keyboard User Manual

Introduction

This manual provides detailed instructions for the ATTACK SHARK X85 Pro Wireless Mechanical Gaming Keyboard. It covers setup, operation, maintenance, and troubleshooting to ensure you get the most out of your device. The X85 Pro features tri-mode connectivity, a smart TFT screen, a multi-function knob, hot-swappable switches, and a gasket-mounted design for an enhanced typing experience.

Image: The ATTACK SHARK X85 Pro keyboard, highlighting its 75% layout, TFT screen, and mechanical switches.

Setup

Package Contents

- ATTACK SHARK X85 Pro Mechanical Keyboard
- USB-C Cable
- 2.4GHz USB Receiver
- Keycap Puller
- Switch Puller

Connecting the Keyboard

The X85 Pro supports three connection modes: 2.4GHz wireless, Bluetooth 5.1, and USB-C wired.

Image: Diagram illustrating the three connection modes: Bluetooth, 2.4GHz wireless, and USB-C wired.

2.4GHz Wireless Mode

1. Locate the 2.4GHz USB receiver, typically stored in a magnetic slot on the keyboard.
2. Plug the USB receiver into an available USB port on your computer.
3. On the keyboard's side switch, select the '2.4G' mode.
4. The keyboard will automatically connect.

Bluetooth Mode

1. On the keyboard's side switch, select the 'BT' mode.
2. The TFT screen will display Bluetooth connection options (BT1, BT2, BT3).
3. Press **Fn + 1**, **Fn + 2**, or **Fn + 3** to select a Bluetooth channel. The indicator will flash rapidly.
4. On your device (PC, Mac, Laptop), enable Bluetooth and search for 'ATTACK SHARK X85 Pro'.
5. Select the keyboard to pair. The indicator will stop flashing once connected.

USB-C Wired Mode

1. Connect the provided USB-C cable to the keyboard's USB-C port.
2. Connect the other end of the cable to your computer's USB port.
3. On the keyboard's side switch, select the 'USB' mode.
4. The keyboard will function as a wired device and charge simultaneously.

Adjusting Keyboard Height

The keyboard features two-level adjustable feet on the underside. Flip them out to achieve your preferred typing angle and reduce wrist strain during extended use.

Image: Close-up view of the keyboard's adjustable two-level feet and PBT keycaps.

Operating Instructions

TFT Smart Screen and Knob Functions

The 0.85-inch TFT screen displays essential information and allows for customization. The aluminum knob provides intuitive control.

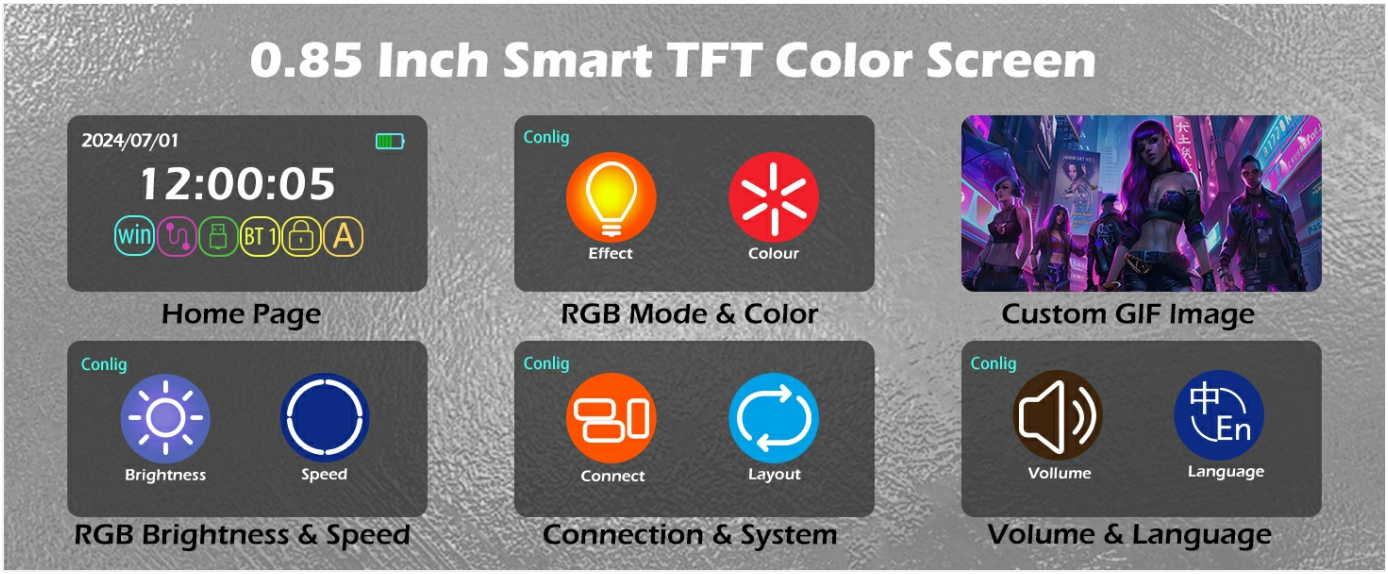

Image: The 0.85-inch TFT smart screen showing options for RGB effects, color, brightness, speed, connection, layout, volume, and language, along with a custom GIF image display.

- **Default Display:** Shows battery level, time, and connection status.
- **Adjusting TFT Display:** Turn the knob to navigate through menu sections (Effect, Color, Brightness, Speed, Connect, Layout, Volume, Language). Press the knob to confirm a selection.
- **Volume Control:** Long press **Fn + Knob** to enter volume adjustment mode. Turn the knob to adjust volume. Long press **Fn + Knob** again to exit.
- **Custom GIF Images:** The screen supports custom GIF images. Refer to the QMK Web Driver section for details on uploading custom content.

Image: Visual guide to the multi-function knob's capabilities, including volume, brightness, RGB effects, and language switching.

RGB Backlighting Control

The keyboard features vivid 16.8M-color RGB backlighting with multiple effects.

Image: Key combinations for controlling RGB backlight settings: Fn + Enter to switch color, Fn + </-> to adjust speed, Fn + \| to switch light mode, and Fn + Up/Down arrow to adjust brightness.

- **Fn + Enter:** Switch backlight color.
- **Fn + \|:** Switch light mode (19+ effects available).
- **Fn + < (Left Arrow):** Decrease backlight speed.
- **Fn + > (Right Arrow):** Increase backlight speed.
- **Fn + Up Arrow:** Increase backlight brightness.
- **Fn + Down Arrow:** Decrease backlight brightness.

Music-reactive lighting is exclusive to 2.4G and wired modes.

Hot-Swappable Switches

The X85 Pro features hot-swappable sockets, allowing you to change mechanical switches without soldering. It supports 3-pin and 5-pin switches.

Image: Detailed view of the hot-swappable PCBA, showing compatibility with 3/5 pin switches, custom stabilizers, and linear blueberry switches with their specifications.

1. Use the provided switch puller to carefully remove the keycap, then the switch.
2. Align the pins of the new switch with the sockets on the PCB.
3. Gently press the new switch into place until it clicks. Ensure pins are not bent.
4. Replace the keycap.

QMK Web Driver for Customization

The keyboard is compatible with QMK firmware, allowing for advanced customization through a web-based driver. This enables macro recording, key redefinition, RGB effect customization, and uploading custom GIF images to the TFT screen.

Image: Screenshot of the QMK Web Driver interface, demonstrating options for macro editing, RGB effects, key redefinition, and DIY GIF image customization.

Access the QMK Web Driver via your web browser (specific URL usually provided by manufacturer or found through a quick search for 'ATTACK SHARK X85 Pro QMK'). Follow the on-screen instructions to program your keyboard.

Maintenance

Cleaning the Keyboard

- Disconnect the keyboard from your computer before cleaning.
- Use a soft brush or compressed air to remove dust and debris from between the keycaps.
- For keycap cleaning, gently remove keycaps using the provided puller. Wipe them with a damp cloth and mild soap solution, then dry thoroughly before reattaching.
- Wipe the keyboard surface with a soft, lint-free cloth. Avoid harsh chemicals or abrasive materials.

Battery Care

The keyboard is equipped with a 4000mAh rechargeable battery.

- Charge the keyboard using the provided USB-C cable.
- Avoid fully discharging the battery frequently to prolong its lifespan.
- If storing the keyboard for an extended period, charge it to approximately 50% before storage.

Troubleshooting

Problem	Possible Cause	Solution
Keyboard not responding in wireless mode.	Low battery, incorrect mode selected, receiver not connected, pairing issue.	Charge the keyboard. Ensure the side switch is set to '2.4G' or 'BT'. Re-insert the 2.4GHz receiver. Re-pair Bluetooth. Try wired mode to confirm functionality.

Problem	Possible Cause	Solution
RGB backlight not working or incorrect.	Backlight turned off, brightness too low, specific mode limitations.	Adjust brightness using **Fn + Up Arrow**. Cycle through modes with **Fn +** |. Note that music-reactive lighting is only available in 2.4G/wired modes.
Keys not registering or double-typing.	Loose switch, debris under keycap, software issue.	Remove keycap and switch, check for debris, and re-seat the switch firmly. Ensure QMK software is correctly configured if custom settings are applied.
TFT screen not displaying correctly.	Software glitch, incorrect settings.	Restart the keyboard. Use the knob to navigate to display settings and ensure correct configuration. Check for firmware updates via the QMK Web Driver.
Poor wireless range or interference.	Obstructions, other wireless devices, distance.	Move the keyboard closer to the receiver/device. Remove obstructions. Avoid placing the receiver near other wireless transmitters (e.g., Wi-Fi routers).

Specifications

- **Brand:** ATTACK SHARK
- **Model:** X85 Pro
- **Connectivity:** Bluetooth 5.1, 2.4GHz Wireless, USB-C Wired
- **Layout:** 75%
- **Switches:** Hot-Swappable (supports 3/5-pin mechanical switches)
- **Keycaps:** PBT, Gradient Side-Print
- **Backlighting:** RGB (16.8M colors, 19+ effects)
- **Battery:** 4000mAh
- **Special Features:** 0.85" TFT Smart Screen, Multi-function Knob, Gasket Mount Structure, N-Key Rollover, QMK/VIA compatibility
- **Compatible Devices:** Laptop, PC, Windows, Mac
- **Item Weight:** Approximately 2.33 pounds
- **Package Dimensions:** 14.61 x 7.6 x 2.05 inches

Warranty and Support

For warranty information and technical support, please refer to the official ATTACK SHARK website or contact the retailer where the product was purchased. Keep your proof of purchase for warranty claims.
You can also visit the official ATTACK SHARK Store on Amazon for additional product information and support resources: ATTACK SHARK Store
Optional protection plans may be available for purchase separately, offering extended coverage beyond the standard manufacturer's warranty. Please check with your retailer for details.