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DAREU EK75 PRO-WH-D

DAREU EK75PRO Wireless 75% RGB Hot-Swappable Mechanical Gaming Keyboard User Manual

Model: EK75 PRO-WH-D | Brand: DAREU

1. INTRODUCTION

The DAREU EK75PRO is a versatile 75% layout mechanical gaming keyboard designed for both gaming and office use. It features a Gasket Mount design for enhanced typing comfort and sound, Tri-Mode connectivity (USB-C wired, 2.4GHz wireless, and Bluetooth 5.1), hot-swappable switches, and customizable RGB backlighting. This manual provides detailed instructions for setting up, operating, and maintaining your EK75PRO keyboard.

2. WHAT'S IN THE Box

Please check the contents of your package to ensure all items are present:

- Keyboard body (1)
- Add-on keycaps (6)
- Key/switch puller (1)
- USB-C Connection cable (1)
- English Instruction manual (1)

MULTI-FUNCTION KNOB

Multiple functions can be customized for the knob by the drive.



Image: The DAREU EK75PRO keyboard and its included accessories, such as the USB-C cable, keycap/switch puller, and additional keycaps.

3. SETUP

3.1 Connectivity Modes

The DAREU EK75PRO supports three connection modes:

- **USB-C Wired Mode:** Connect the keyboard directly to your device using the provided USB-C cable. This mode offers the most stable connection and charges the keyboard.
- **2.4GHz Wireless Mode:** Insert the 2.4GHz USB receiver into your device's USB port. The keyboard will automatically connect. This mode provides a low-latency wireless experience.
- **Bluetooth 5.1 Mode:** Pair the keyboard with up to 5 devices simultaneously. Refer to the specific pairing instructions in the included English Instruction Manual for detailed steps.

The keyboard is compatible with PCs, laptops, tablets, Macs, and mobile phones.

TRI-MODE CONNECTION

Plug and Play, No need to drive



*Support BT/2.4G/wired modes, Connection 5 devices simultaneously

Image: An illustration demonstrating the tri-mode connectivity of the DAREU EK75PRO, showing connections to a desktop PC, laptop, tablet, and two smartphones via Bluetooth, 2.4G wireless, and USB-C wired modes.

4. OPERATING INSTRUCTIONS

4.1 Gasket Mount Design

The EK75PRO features a Gasket Mount design, incorporating multiple layers of filling silencers between the PCB, positioning plate, and shaft. This design, combined with PCB single key slotting, optimizes resilience and stability, reduces keystroke noises, and provides a more comfortable and satisfying typing experience with a clean and crisp sound.

GASKET-MOUNT DESIGN

High-density foam and flexible PC positioning board, creating a flexible, soft and cushioned typing feel with clean and crisp sound

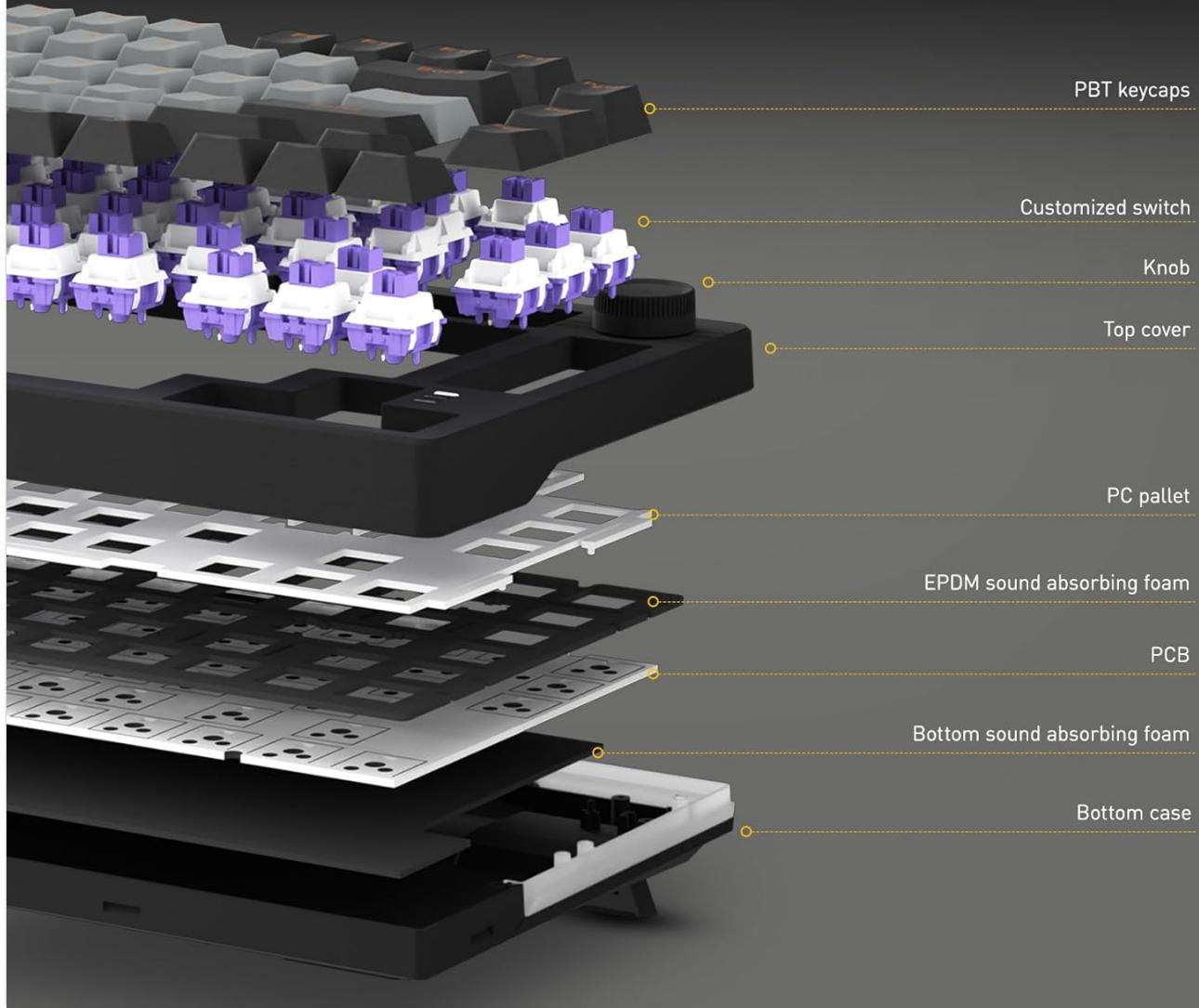


Image: An exploded view diagram detailing the layers of the Gasket-Mount design, including PBT keycaps, customized switches, top cover, PC pallet, EPDM sound absorbing foam, PCB, bottom sound absorbing foam, and bottom case.

4.2 81-Key Layout & Multi-Function Knob

The 75% layout of the EK75PRO provides a compact form factor, making your desktop more concise while retaining essential keys. The keyboard includes a multi-function knob, which can be customized via the DAREU driver. By default, it allows for quick adjustment of volume, playback control, and brightness. It can also be programmed to call up common tools like a calculator, mail client, or media player.

DAREU HOTSWAP SWITCH

Supports almost all 3 pins/5 pins switches in market



Image: A close-up of the multi-function knob located on the upper right corner of the keyboard, with arrows indicating its rotational functionality for various controls.

4.3 Hot-Swappable Dream Switches

The EK75PRO features a hot-swap function, allowing you to easily change switches without soldering. It supports nearly all 3-pin and 5-pin switches available in the market, enabling you to customize your keyboard's feel. The keyboard comes pre-installed with DAREU's customized HIFI Dream switches, which offer a linear feel similar to red switches but are lighter and produce a cleaner sound.

- **HIFI Dream Switch Specifications:**

- Initial Force: $40\pm10\text{gf}$
- Bottom Force: $55\pm10\text{gf}$
- Pre Travel: $2.0\pm0.4\text{mm}$
- Total Travel: $4.0\pm0.4\text{mm}$

DREAM HIFI SWITCH

Linear | Clean Sound



- **Initial Force:** $40 \pm 10 \text{gf}$
- **Bottom Force:** $55 \pm 10 \text{gf}$
- **Pre Travel:** $2.0 \pm 0.4 \text{mm}$
- **Total Travel:** $4.0 \pm 0.4 \text{mm}$

Image: A hand using a switch puller to remove a purple and white HIFI Dream switch from the DAREU EK75PRO keyboard, demonstrating its hot-swappable feature.

MULTI-FUNCTION KNOB

Multiple functions can be customized for the knob by the drive.



Image: A detailed illustration of the DAREU HIFI Dream Switch, highlighting its linear and clean sound characteristics, along with its force and travel specifications.

4.4 Customizable South-Facing RGB Backlight

The EK75PRO features south-facing RGB lighting, providing a fuller and brighter illumination from the typist's perspective, creating a cleaner and more comfortable typing environment. You can customize up to 12 backlit modes, 5 lighting modes on the side light strips, and 16.8 million colors via the DAREU driver.

GORGEOUS RGB BACKLIGHT CONTROL

South-facing RGB design provide clearer typing environment
Backlit modes and side light strip are customizable



Image: The DAREU EK75PRO keyboard showcasing its vibrant RGB backlighting, with the DAREU TINT logo indicating software control for customization.

4.5 DAREU A+ Integrated Driver

The DAREU A+ driver enables unified and integrated management for both your keyboard and mouse. This software allows you to easily customize all keys, program macros, and adjust RGB lighting settings to personalize your experience.

KEYBOARD AND MOUSE COMBO INTEGRATED DRIVER

DAREU A+ driver enables unified and integrated management of the latest keyboard and mouse, easily customize all keys and RGB lighting.

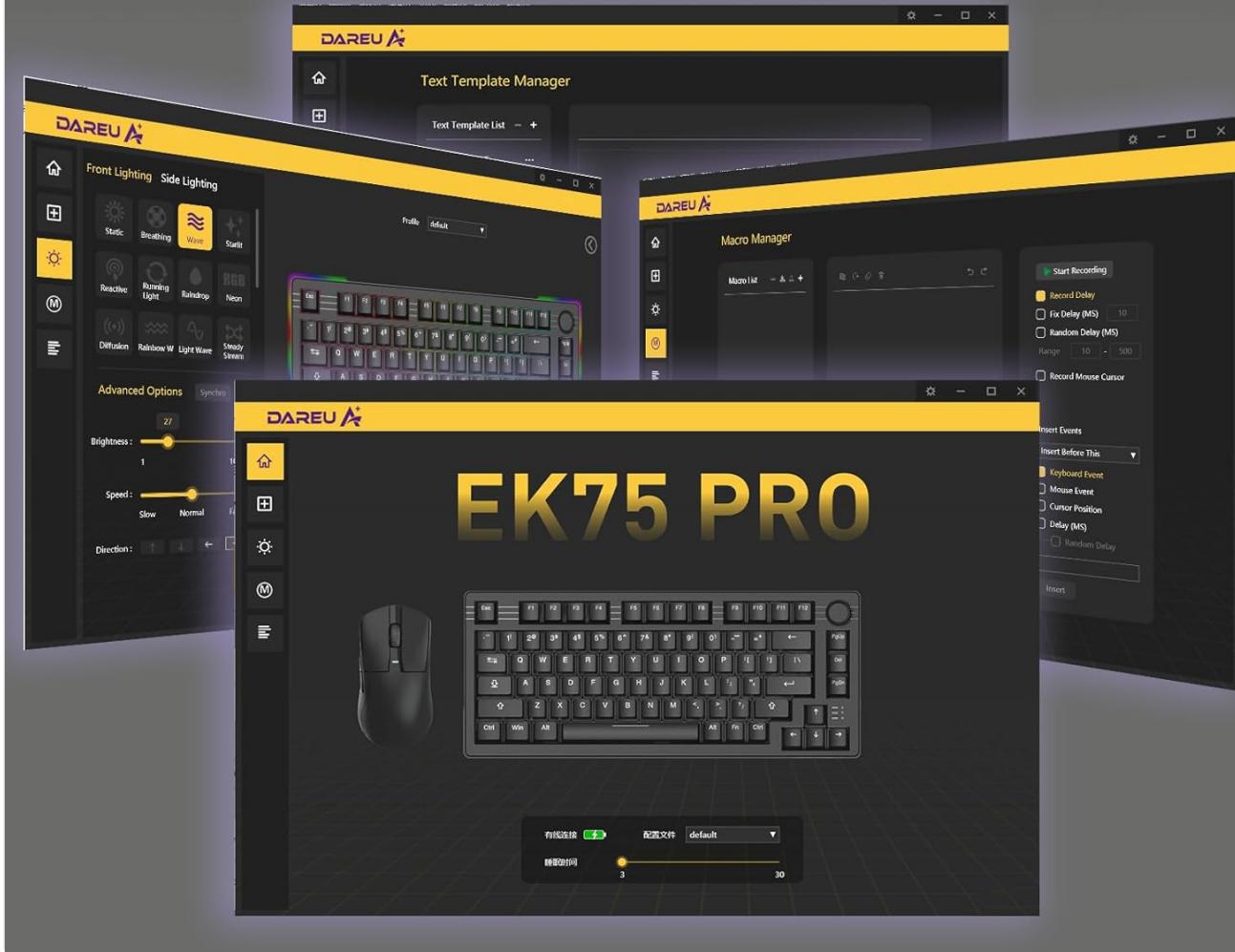


Image: Multiple screenshots displaying the user interface of the DAREU A+ driver, showing options for lighting control, macro management, and general settings for the EK75PRO keyboard and a DAREU mouse.

5. MAINTENANCE

To ensure the longevity and optimal performance of your DAREU EK75PRO keyboard, follow these maintenance guidelines:

- Cleaning Keycaps:** Use a soft, damp cloth with mild soap and water to clean the keycaps. Ensure they are completely dry before reattaching. For deeper cleaning, remove keycaps using the provided puller.
- Cleaning the Keyboard Body:** Wipe the keyboard body with a dry or slightly damp microfiber cloth. Avoid using harsh chemicals or abrasive materials.
- Dust Removal:** Use compressed air to remove dust and debris from between the keycaps and switches regularly.
- Storage:** Store the keyboard in a cool, dry place away from direct sunlight and extreme temperatures.
- Battery Care:** For optimal battery life, avoid fully discharging the keyboard frequently. Charge it when the battery indicator is low.

6. TROUBLESHOOTING

If you encounter any issues with your DAREU EK75PRO keyboard, refer to the following common troubleshooting steps:

- **Keyboard Not Responding:**

- Ensure the keyboard is charged.
- Check the connection mode (wired, 2.4GHz, Bluetooth) and ensure it's correctly selected.
- For 2.4GHz, ensure the USB receiver is securely plugged in.
- For Bluetooth, ensure the keyboard is paired and selected as the active device on your host system. Try re-pairing if necessary.
- Try connecting via USB-C cable to rule out wireless issues.

- **RGB Lighting Not Working/Customizing:**

- Ensure the keyboard is powered on.
- Install or update the DAREU A+ driver software.
- Check lighting settings within the DAREU A+ driver.

- **Keys Not Registering or Double Typing:**

- Ensure the switch is properly seated in its socket. Gently press down on the keycap.
- If a specific key is problematic, try hot-swapping the switch with a known working one to determine if the issue is with the switch or the PCB socket.
- Clean around the affected switch to remove any debris.

- **Knob Functionality Issues:**

- Ensure the DAREU A+ driver is installed and running.
- Check the knob's assigned functions within the driver software.

If these steps do not resolve your issue, please contact DAREU customer support for further assistance.

7. SPECIFICATIONS

Feature	Detail
Product Dimensions	13.11 x 5.51 x 1.57 inches
Item Weight	1.56 pounds
Manufacturer	DAREU
Item Model Number	EK75 PRO-WH-D
Batteries	1 Lithium Ion batteries required (included)
Connectivity Technology	2.4GHz, BT (Bluetooth), USB-C
Keyboard Description	81 Keys Gasket Tri-mode Mechanical Gaming Keyboard
Number of Keys	81

Feature	Detail
Keyboard Backlighting Color Support	RGB
Special Features	Backlit, Hot-Swappable, Programmable Keys, Volume Roller, Noise-Canceling
Compatible Devices	Laptop, PC, Smartphone, Tablet
Recommended Uses	Gaming/Office
Date First Available	February 28, 2024

8. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the official DAREU website or contact DAREU customer service directly. You can also visit the [DAREU Store on Amazon](#) for additional resources and contact details.