

DAREU EK87 PRO-BG-D

DAREU EK87PRO 80% Wireless Mechanical Gaming Keyboard User Manual

Model: EK87 PRO-BG-D | Brand: DAREU

PRODUCT OVERVIEW

The DAREU EK87PRO is an 80% TKL (Tenkeyless) wireless mechanical gaming keyboard designed for versatile connectivity and a premium typing experience. It features a gasket-mount structure, hot-swappable switches, and customizable RGB lighting, making it suitable for both gaming and professional use across various operating systems.



Image: DAREU EK87PRO 80% Wireless Mechanical Gaming Keyboard in use.

Key Features:

- **87-Key Gasket-Mount Mechanical Keyboard:** Provides a compact layout with enhanced typing feel and reduced noise.
- **Tri-Mode Connectivity:** Supports BT 5.1, 2.4GHz wireless, and Type-C wired connections, allowing simultaneous connection to up to 5 devices.
- **Six-Layered Sound-Absorbing Padding:** Features IXPE under-shaft padding, latex backing foam, and EVA bottom pad for quiet and clean acoustics.

- **South-Facing RGB Lighting:** Offers 26 backlight modes and 16.8 million colors, customizable via driver software for optimal visibility.
- **Hot-Swappable Design:** Equipped with pre-lubed HIFI Dream switches and supports both 3-pin and 5-pin mechanical switches for easy customization.

WHAT'S INCLUDED

- Keyboard Body x1
- USB Cable x1
- Keycap Puller x1
- Add-on Keycaps x7
- Instruction Manual x1



Image: The DAREU EK87PRO keyboard with its included accessories, including the USB cable, keycap puller, and additional keycaps.

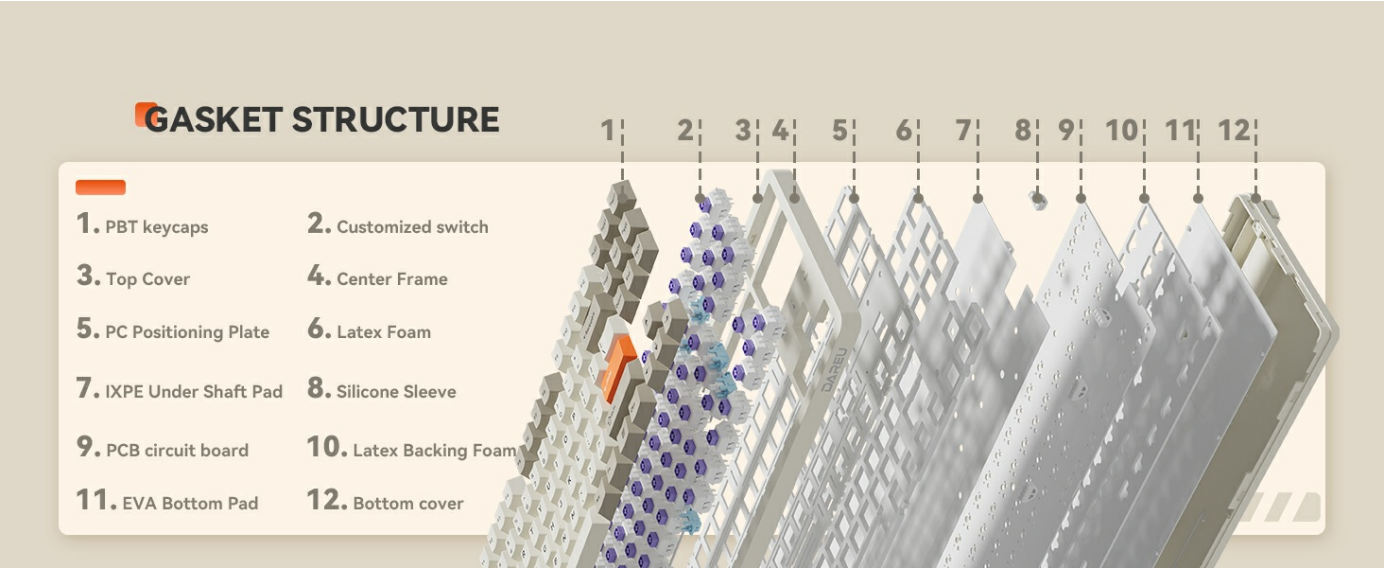


Image: The 87-key layout of the EK87PRO keyboard, highlighting its compact design that provides more gaming space

compared to full-sized keyboards.

SETUP GUIDE

1. Initial Setup & Connectivity

The DAREU EK87PRO offers three connection modes: 2.4GHz wireless, Bluetooth 5.1, and wired USB-C. Select your preferred mode using the switch on the left side of the keyboard.

2.4GHz Wireless Connection:

Locate the 2.4GHz USB dongle, typically stored in a magnetic slot on the side of the keyboard. Plug the dongle into an available USB port on your computer. Slide the keyboard's side switch to the 2.4GHz wireless mode (indicated by a square icon).

GASKET STRUCTURE

6-layer padding & pcb single key slotting
Eliminate noise, clearer sound and more stable click

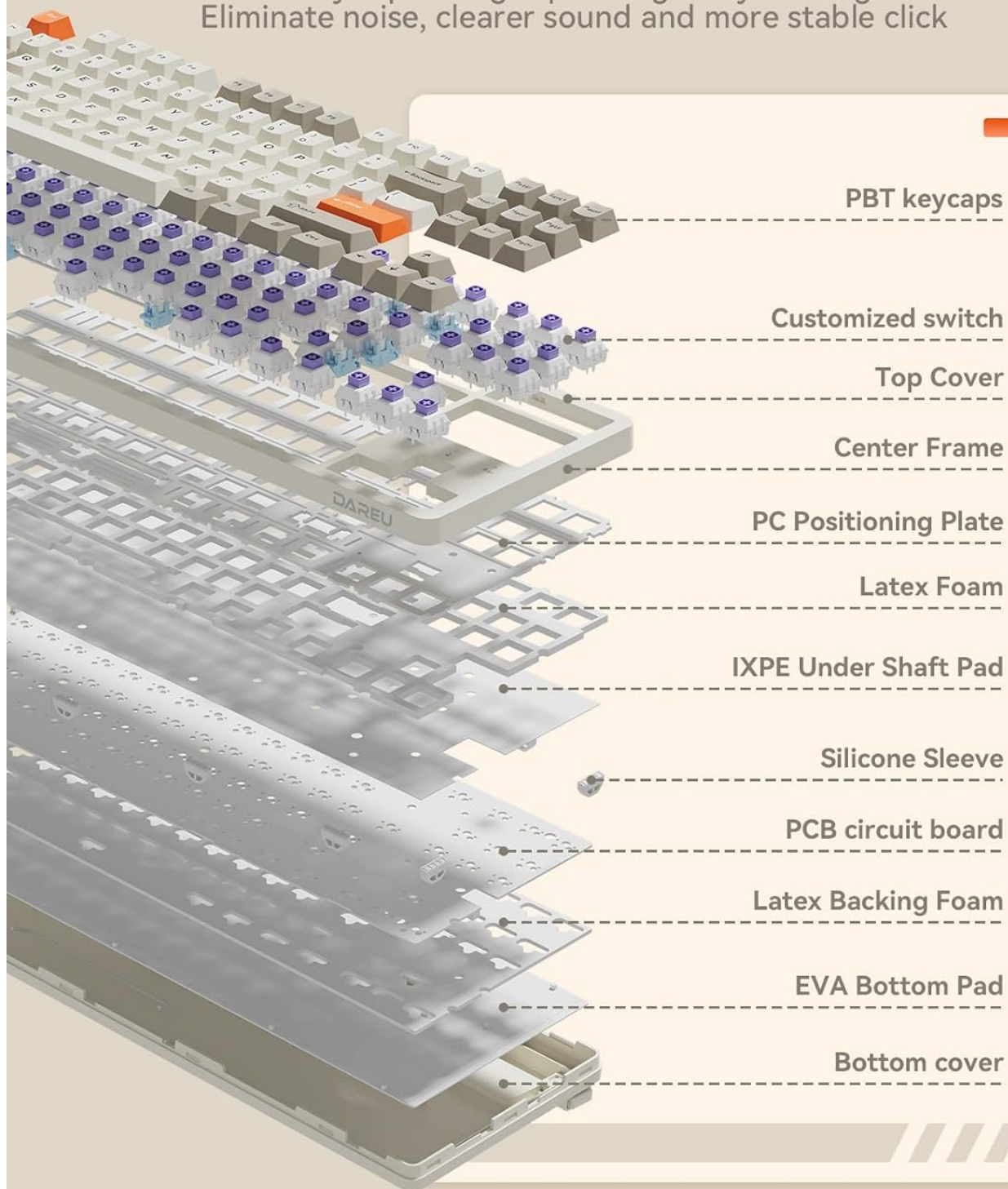


Image: Close-up of the 2.4GHz USB dongle, which can be stored magnetically on the keyboard's side.

87 KEYS LAYOUT

Keeps most of the original functionality
and makes more gaming space

80% MORE SPACE



Image: Diagram illustrating the three connection modes (USB wired, 2.4GHz wireless, Bluetooth 5.1) and how to switch between them.

Bluetooth Connection:

Slide the keyboard's side switch to the Bluetooth mode (indicated by "BT"). On your device (PC, tablet, smartphone), enable Bluetooth and search for "DAREU EK87PRO". Select the keyboard to pair. The keyboard can store up to 3 Bluetooth connections (FN+1, FN+2, FN+3) and switch between them.

Video: An overview of the DAREU EK87PRO Wireless Gasket Mechanical Keyboard, demonstrating its features and connectivity options.

Wired USB-C Connection:

Connect the provided USB-C cable to the port on the back of the keyboard and the other end to your computer. The keyboard will automatically switch to wired mode.

2. Adjusting Keyboard Profile

The keyboard features two-stage adjustable feet on the underside, allowing you to set your preferred typing angle for ergonomic comfort.

DOUBLE SHOT PBT MATERIAL

Compared to ABS material, PBT has a tactile texture and is more durable.



Image: Close-up view of the keyboard's two-stage adjustable feet, showing different height settings for ergonomic comfort.

OPERATING INSTRUCTIONS

1. RGB Lighting Control

The EK87PRO features south-facing RGB lighting with 26 preset modes and 16.8 million customizable colors. Use the following key combinations to control the lighting:

- FN + ↑: Increase brightness
- FN + ↓: Decrease brightness
- FN + {[: Change backlight colors
- FN + }]: Change backlight effects



Image: Visual representation of the keyboard's RGB lighting modes and controls, including brightness and color adjustments.

Video: A demonstration of the DAREU EK87PRO Wireless Gasket Mechanical Keyboard's various RGB lighting effects and customization options.

2. Key Customization & Macros

All macros and key functions are customizable through the DAREU driver software. Download the official driver from the DAREU website to access advanced settings for key remapping, macro creation, and lighting synchronization.

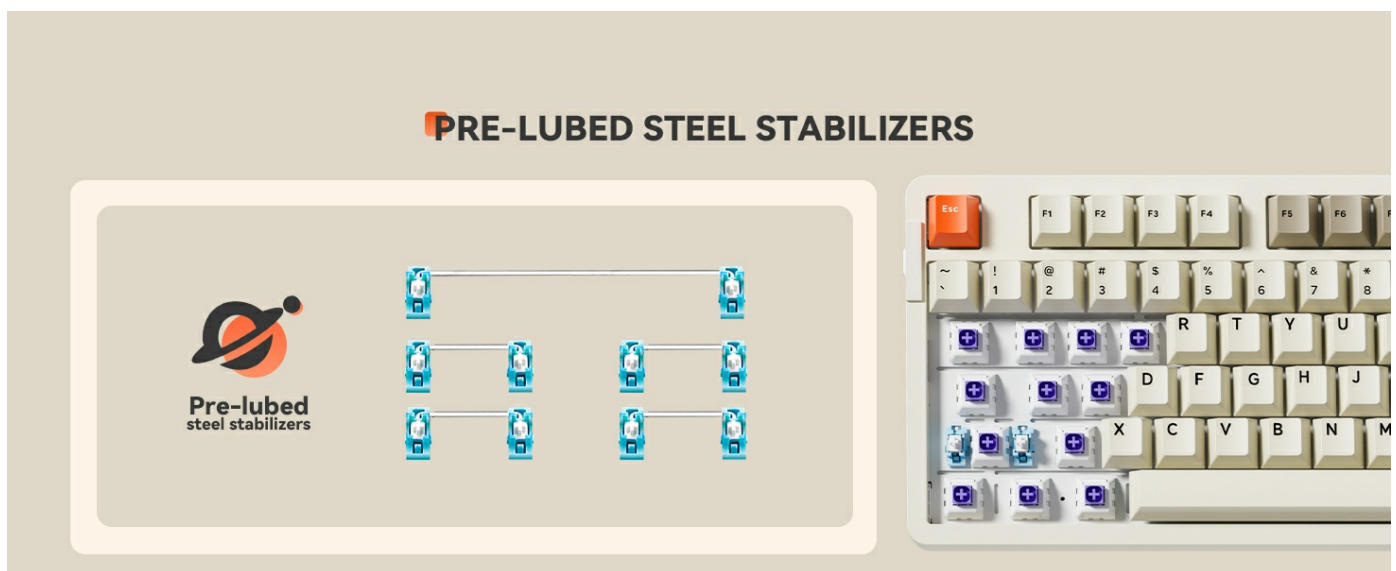


Image: Screenshot of the DAREU driver software interface, showing options for custom shortcut keys, RGB backlight effects, macros, and text templates.

3. Hot-Swapping Switches

The keyboard's hot-swappable PCB supports both 3-pin and 5-pin mechanical switches, allowing you to easily change switches without soldering. Use the included keycap puller and switch puller to remove and replace switches.

Steps:

1. Gently pull the keycap using the keycap puller.
2. Use the switch puller to carefully grip the switch and pull it straight up.
3. Align the pins of the new switch with the holes on the PCB and press down firmly until it clicks into place.
4. Replace the keycap.

TRI-MODE CONNECTION

BT/2.4ghz wireless/USB wired connection
5 devices can be connected simultaneously



USB wired



2.4ghz wireless



BT 5.1



Bluetooth



Window / Mac

Image: Close-up of the hot-swappable socket on the DAREU EK87PRO keyboard, showing compatibility with 3-pin and 5-pin switches.

Video: A short video demonstrating the satisfying tap sound of the DAREU EK87PRO Gaming Keyboard with HIFI Dream Switches.

MAINTENANCE

Cleaning:

Regularly clean your keyboard to maintain performance and appearance. Use a soft brush or compressed air to remove dust and debris from between the keycaps. For deeper cleaning, carefully remove keycaps and wipe the surface with a damp cloth (ensure the keyboard is disconnected and dry before reassembly).

Switch Care:

The HIFI Dream switches are pre-lubed for smooth operation. Avoid excessive force when removing or inserting switches to prevent damage to the pins or PCB sockets.

TROUBLESHOOTING

Connectivity Issues:

- If wireless connection is unstable, ensure the dongle is securely plugged in and the keyboard is within range.
- For Bluetooth pairing issues, try forgetting the device on your computer/tablet and re-pairing.
- Ensure the keyboard is fully charged.

Lighting Problems:

- If RGB lights are not working, check brightness settings (FN+↑).
- Ensure the driver software is up-to-date if using custom lighting profiles.

Key Not Responding:

- For hot-swappable switches, try removing and re-inserting the switch to ensure proper contact.
- If the issue persists, consider replacing the switch.

SPECIFICATIONS

Feature	Detail
Product Dimensions	14.33 x 5.9 x 1.61 inches
Item Weight	1.63 pounds
Manufacturer	DAREU
Item Model Number	EK87 PRO-BG-D
Batteries	1 Lithium Ion batteries required (included)
Compatible Devices	Laptop, Gaming Console, PC, Tablet, Smartphone
Connectivity Technology	2.4GHz, BT, USB-C
Number of Keys	87
Keyboard Backlighting	RGB
Switch Style	HIFI Dream Switch

WARRANTY & SUPPORT

For warranty information, technical support, or further assistance, please visit the official DAREU website or contact their customer service. Keep your purchase receipt for warranty claims.

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