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DAREU A98 Pro

DAREU A98 Pro Tri-Mode Mechanical Gaming Keyboard User Manual

Model: A98 Pro | Brand: DAREU

1. Introduction

The DAREU A98 Pro is a high-performance 98-key mechanical gaming keyboard designed for versatility and an enhanced typing experience. Featuring a tri-mode connection (Bluetooth 5.1, 2.4G wireless, and USB-C wired), a gasket structure, hot-swappable switches, and RGB backlighting with an integrated LED screen, this keyboard offers extensive customization and compatibility across multiple operating systems.

2. Package Contents

- DAREU A98 Pro Mechanical Gaming Keyboard
- USB-C Cable (6 feet)
- Keycap/Switch Puller (2-in-1 tool)
- 9 Extra Keycaps
- Operation Card
- User Manual (this document)

3. Key Features

- **Tri-Mode Connectivity:** Supports Bluetooth 5.1, 2.4G wireless, and USB-C wired connections for versatile use across multiple devices.
- **Gasket High-Precision Structure:** Ergonomic design with precise fixed positioning and multi-layer sound-absorbing silicone pads for a flexible, softer, quieter, and cleaner typing experience.
- **DAREU High-Precision V3 Sky Switches:** Linear fence-type switches with 40±3gf actuation force, designed for stability and smooth performance.
- **Hot-Swappable Sockets:** Compatible with 3-pin and 5-pin mechanical switches, allowing for easy switch replacement without soldering.
- **PBT Double-Shot Keycaps:** Durable keycaps with legends that will not fade over time.
- **Integrated LED Screen:** Displays battery status and other relevant information.
- **RGB Backlighting:** Customizable 1.68 million color lighting modes.
- **Long Battery Life:** Equipped with a 4000 mAh battery, providing approximately 45 hours of game time on a single charge.

- **Multi-Platform Compatibility:** Supports Mac OS, Windows, Linux, iOS, Android, and Chrome OS.

4. Setup Guide

4.1. Connectivity Modes

The DAREU A98 Pro keyboard offers three connection methods:

1. **USB-C Wired Mode:**
   Connect the provided USB-C cable to the keyboard's port and the other end to your computer's USB port. The keyboard will automatically be recognized and ready for use. This mode also charges the keyboard battery.
2. **2.4G Wireless Mode:**
   Locate the 2.4G USB receiver (usually stored in a compartment on the keyboard). Plug the receiver into an available USB port on your computer. Toggle the mode switch on the keyboard to the 2.4G position. The keyboard should connect automatically.
3. **Bluetooth 5.1 Mode:**
   Toggle the mode switch on the keyboard to the Bluetooth position. On your device (computer, tablet, smartphone), enable Bluetooth and search for new devices. Select "DAREU A98 Pro" from the list of available devices to pair. You may need to enter a pairing code displayed on your screen.

4.2. Driver Installation (Optional)

For advanced customization of lighting modes, macro keys, and other settings, download the official DAREU Professional Driver software from the DAREU website. Install the software following the on-screen instructions. This software allows you to personalize your keyboard experience.

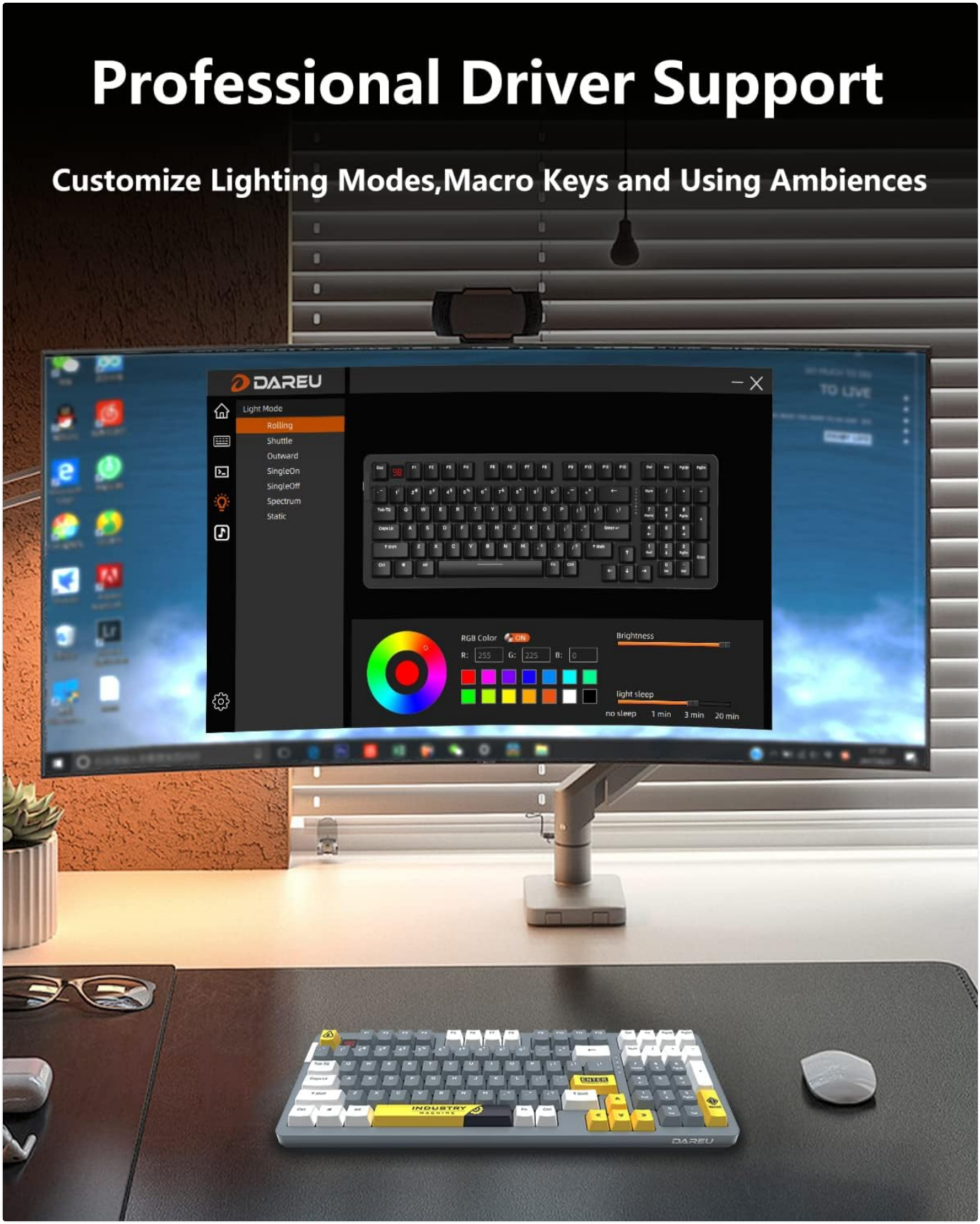


Image: DAREU Professional Driver Software Interface. This software allows users to customize RGB lighting, macro keys, and other keyboard settings.

5. Operating Instructions

5.1. Basic Functions

- **LED Screen:** The integrated LED screen displays the current battery level and connection mode.

- **Function Keys (F1-F12):** These keys may have secondary functions accessible by pressing the 'Fn' key simultaneously. Refer to the operation card for specific shortcuts.
- **Customizable Keys:** Utilize the DAREU Professional Driver software to remap keys and assign macros for enhanced productivity or gaming.

5.2. RGB Backlighting Control

The keyboard features dynamic RGB backlighting. Lighting modes and brightness can be adjusted using key combinations (refer to the operation card) or through the DAREU Professional Driver software for more granular control over 1.68 million colors.

5.3. Hot-Swapping Switches and Keycaps

The DAREU A98 Pro supports hot-swapping, allowing you to change mechanical switches and keycaps without soldering. Use the provided 2-in-1 puller tool:

- **To Remove Keycaps:** Use the keycap puller end of the tool to gently grip and pull the keycap upwards.
- **To Remove Switches:** Use the switch puller end of the tool to grip the top and bottom clips of the switch. Apply gentle pressure and pull the switch straight up.
- **To Install Switches:** Align the pins of the new switch with the holes on the PCB. Gently push the switch down until it clicks into place. Ensure the pins are not bent.
- **To Install Keycaps:** Align the keycap with the switch stem and push down firmly until it is seated.

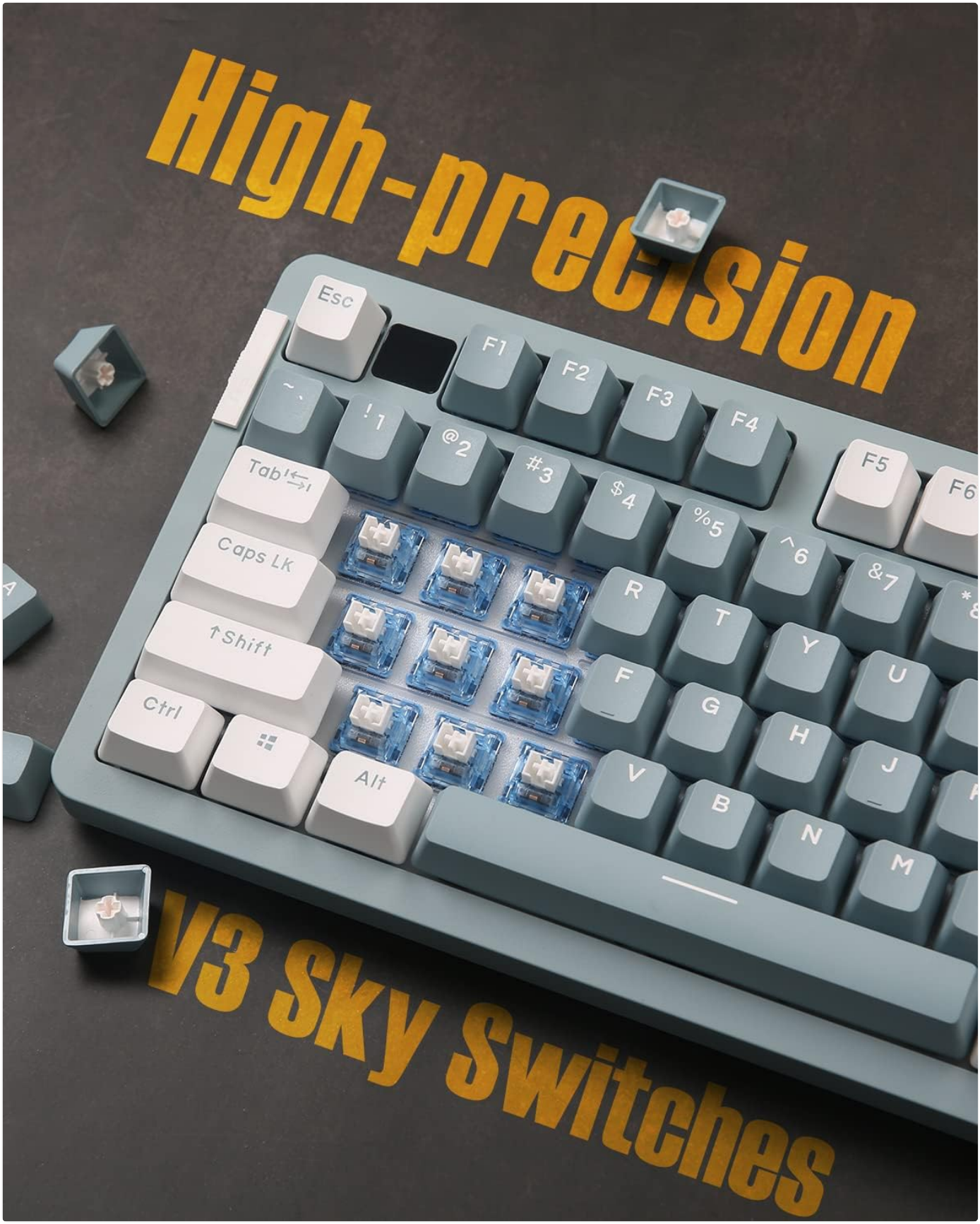


Image: Hot-swappable switches. The keyboard allows for easy replacement of mechanical switches without soldering.

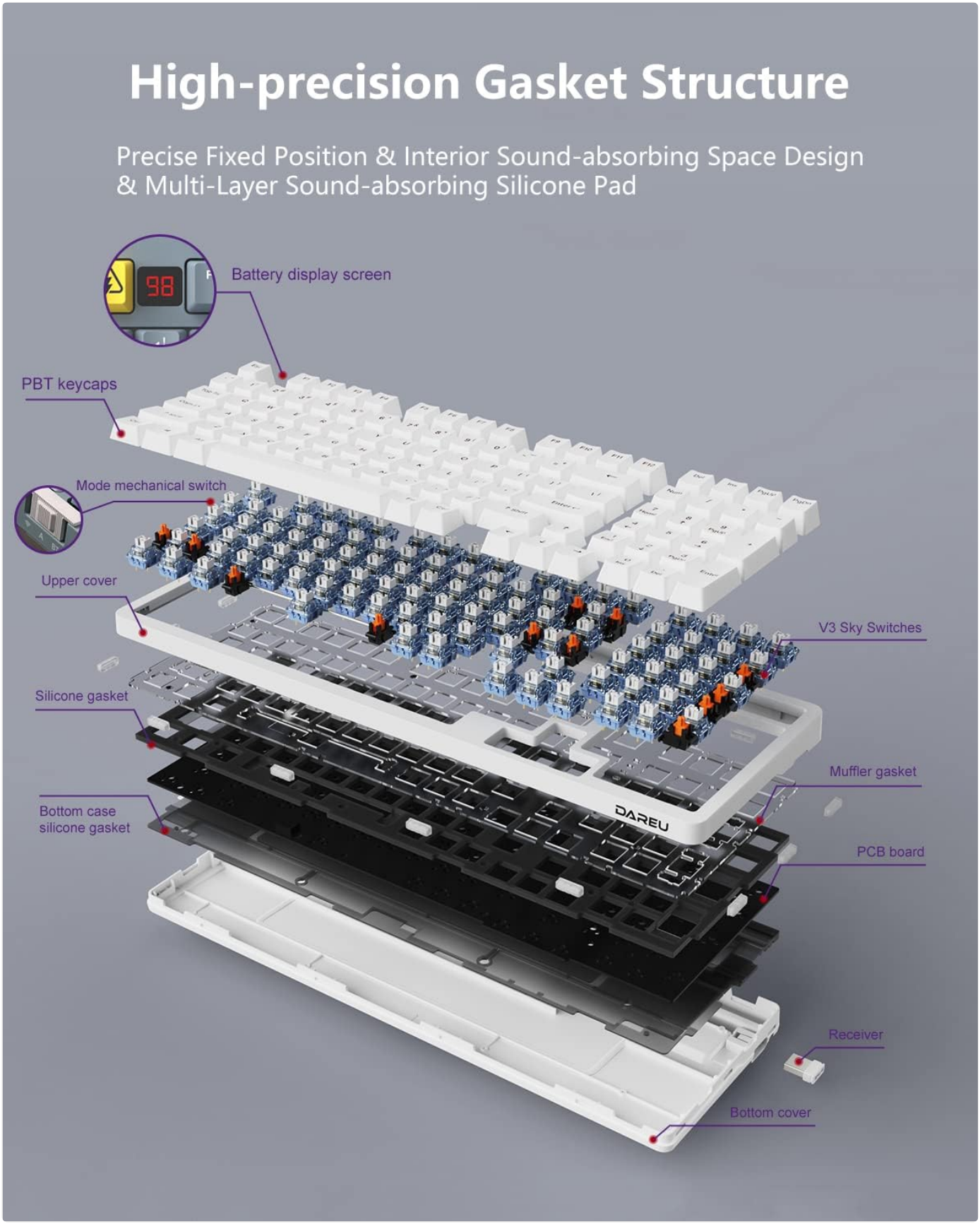


Image: High-precision Gasket Structure. This diagram illustrates the various layers including the PBT keycaps, V3 Sky Switches, silicone gasket, muffler gasket, PCB board, and bottom case silicone gasket, contributing to the keyboard's unique feel.

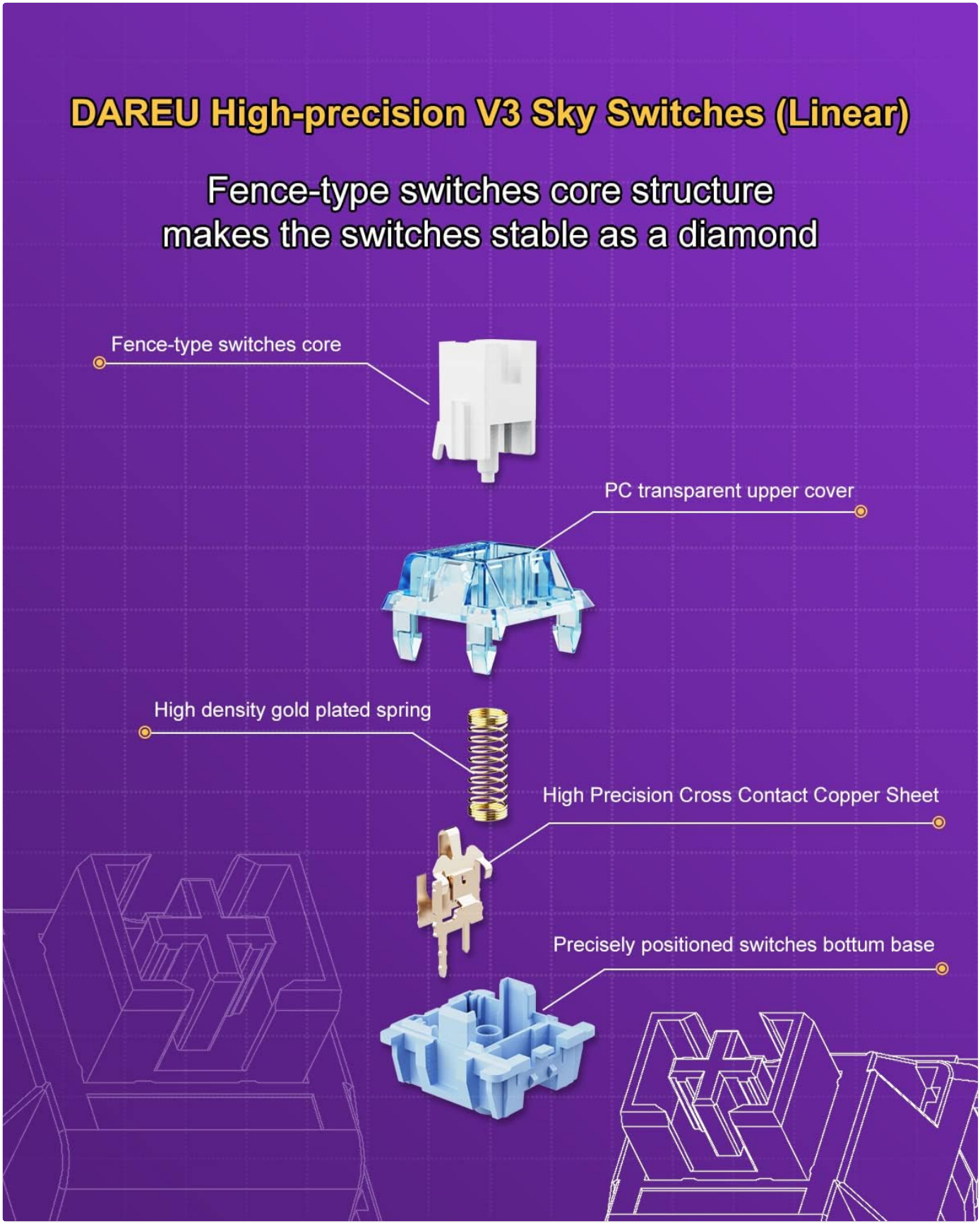


Image: DAREU High-precision V3 Sky Switches (Linear). This diagram details the internal components of the switch, including the fence-type switches core, PC transparent upper cover, high-density gold-plated spring, high precision cross contact copper sheet, and precisely positioned switch bottom base.

6. Battery Information

The DAREU A98 Pro is equipped with a 4000 mAh Lithium-Ion battery. The LED screen on the keyboard displays the current battery level. To charge the keyboard, connect it via the USB-C cable to a powered USB port. A full charge provides

approximately 45 hours of usage.



Image: 4000 mAh Battery. The keyboard features a high-capacity battery for extended wireless use.

7. Maintenance

- **Cleaning:** Use a soft, dry cloth to wipe the keyboard surface. For deeper cleaning, remove keycaps using the provided puller and use compressed air to clear debris from between switches.

- **Storage:** Store the keyboard in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** To prolong battery life, avoid fully discharging the battery frequently. Charge the keyboard regularly.

8. Troubleshooting

- **Keyboard Not Responding:**
  Check the connection mode (wired, 2.4G, Bluetooth) and ensure it matches your setup. For wireless modes, ensure the keyboard is charged. Try connecting via USB-C cable to rule out wireless issues.
- **Wireless Connection Issues:**
  Ensure the 2.4G receiver is securely plugged in or Bluetooth is enabled and paired correctly. Move the keyboard closer to the receiver/device to reduce interference.
- **Keys Not Working:**
  If individual keys are not working, try hot-swapping the switch for that key with a known working switch or one of the extra switches provided. Ensure the switch is fully seated.
- **RGB Lighting Not Working/Customizing:**
  Ensure the keyboard is powered on. Use the DAREU Professional Driver software to check and apply lighting settings.
- **Battery Drains Quickly:**
  Reduce RGB brightness or turn off backlighting when not needed. Ensure the keyboard is fully charged before use.

9. Specifications

Feature	Detail
Brand	DAREU
Model	A98 Pro
Connectivity	2.4G Wireless, Bluetooth 5.1, USB-C Wired
Number of Keys	98
Switch Type	DAREU High-precision V3 Sky Switches (Linear)
Hot-Swappable	Yes (3-pin/5-pin compatible)
Keycap Material	PBT Double-Shot
Backlighting	RGB (1.68M Colors)
Battery Capacity	4000 mAh Lithium-Ion
Operating System Compatibility	Windows, Mac OS, Linux, iOS, Android, Chrome OS
Dimensions (L x W x H)	40 x 14 x 4 cm (approx. 15.7 x 5.5 x 1.6 inches)
Weight	1.2 kg (approx. 2.65 lbs)
Special Features	Battery LED Screen, Customizable Display Keys, Ergonomic, Rechargeable



Image: Keyboard Dimensions. The diagram indicates the approximate length (15.3 inches), width (5.5 inches), and height (1.46 inches) of the DAREU A98 Pro keyboard.

10. Warranty and Support

For warranty information, technical support, or any questions regarding your DAREU A98 Pro keyboard, please refer to the official DAREU website or contact DAREU customer service. Contact details are typically available on the product packaging or the official brand website.

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