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Leaven k610

Leaven K610 Tri-Mode Mechanical Wireless Gaming Keyboard User Manual

Model: K610 | Brand: Leaven

1. INTRODUCTION

Thank you for choosing the Leaven K610 Tri-Mode Mechanical Wireless Gaming Keyboard. This manual provides detailed instructions on how to set up, operate, and maintain your new keyboard. Designed for versatility and performance, the K610 offers seamless connectivity via Bluetooth 5.0, 2.4 GHz wireless, and wired Type-C connections, along with vibrant RGB lighting and a satisfying mechanical typing experience.



Image: Leaven K610 Tri-Mode Mechanical Wireless Gaming Keyboard, showcasing its compact design and included spare switches.

2. PRODUCT FEATURES

- **Tri-Mode Connectivity:** Supports Bluetooth 5.0, 2.4 GHz wireless, and wired (Type-C) connections for maximum compatibility and flexibility.
- **Mechanical Key Switches:** Provides tactile feedback and a responsive typing experience, ensuring accuracy and durability.
- **Hot-Swappable Design:** Allows for easy replacement of key switches without soldering, enabling customization and maintenance.
- **Vibrant RGB Lighting:** Features 16.8 million colors with customizable backlighting to personalize your setup and enhance the gaming atmosphere.
- **Compact 61-Key Layout:** A streamlined arrangement that saves desk space while retaining essential functions.
- **Ergonomic Design:** Crafted for comfortable typing posture, reducing strain during extended use.
- **Durable Construction:** Built with high-quality ABS material for long-lasting performance.
- **Long-lasting Battery:** Ensures extended periods of uninterrupted wireless performance.

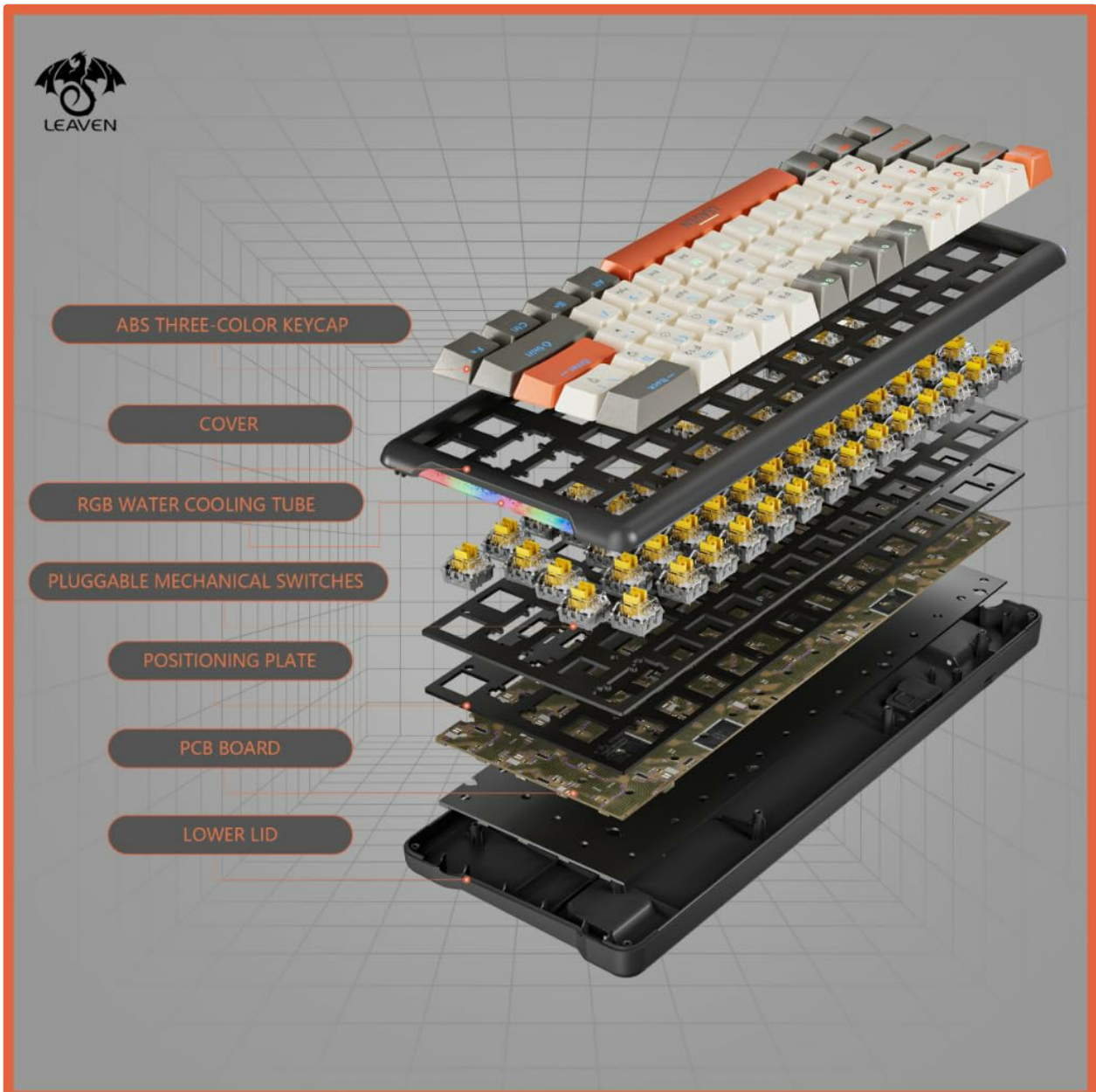


Image: Exploded view diagram of the Leaven K610 keyboard, illustrating its internal components including ABS three-color

3. PACKAGE CONTENTS

Please check the package for the following items:

- Leaven K610 Tri-Mode Mechanical Wireless Gaming Keyboard
- USB Type-C Cable
- 2.4 GHz USB Receiver (usually stored in the keyboard's battery compartment or a dedicated slot)
- User Manual (this document)
- Keycap Puller (may be included for hot-swappable switches)
- Switch Puller (may be included for hot-swappable switches)
- Spare Mechanical Switches (typically 2-3 pieces)

4. SETUP GUIDE

4.1. Charging the Keyboard

Before first use, it is recommended to fully charge the keyboard. Connect the supplied USB Type-C cable to the keyboard's Type-C port and the other end to a USB power source (e.g., computer USB port, USB wall adapter). The charging indicator light will show the charging status and turn off when fully charged.

4.2. Connecting via 2.4 GHz Wireless Mode

1. Locate the 2.4 GHz USB receiver. It is usually stored in a slot on the keyboard itself.
2. Plug the 2.4 GHz USB receiver into an available USB port on your computer.
3. Switch the keyboard's mode switch (usually on the back or side) to the "2.4G" or wireless icon position.
4. The keyboard should automatically connect. If not, press the designated pairing key combination (refer to keyboard markings, often Fn + R or a specific key with a 2.4G icon) to initiate pairing.

4.3. Connecting via Bluetooth Mode

1. Switch the keyboard's mode switch to the "BT" or Bluetooth icon position.
2. The keyboard typically has multiple Bluetooth channels (e.g., BT1, BT2, BT3). Press and hold the Fn key along with the corresponding Bluetooth channel key (e.g., Fn + Q for BT1, Fn + W for BT2, Fn + E for BT3) for 3-5 seconds until the indicator light flashes rapidly, indicating pairing mode.
3. On your device (PC, smartphone, tablet), open Bluetooth settings and search for new devices.
4. Select "Leaven K610" or a similar name from the list of available devices.
5. Follow any on-screen prompts to complete the pairing process. The indicator light on the keyboard will stop flashing and remain solid when connected.
6. To switch between paired Bluetooth devices, simply press Fn + Q/W/E (for BT1/BT2/BT3) once.

4.4. Connecting via Wired Mode

1. Connect the supplied USB Type-C cable to the keyboard's Type-C port.
2. Connect the other end of the USB Type-C cable to an available USB port on your computer.
3. Switch the keyboard's mode switch to the "Wired" or cable icon position.
4. The keyboard will be recognized as a standard USB keyboard and is ready for use.

5. OPERATING INSTRUCTIONS

5.1. RGB Lighting Control

The Leaven K610 features dynamic RGB lighting. Use the following key combinations to control the lighting effects:

- **Fn + \ |**: Cycle through different lighting effects/modes.
- **Fn + [{**: Decrease brightness.
- **Fn +] }**: Increase brightness.
- **Fn + ; :**: Decrease lighting speed.
- **Fn + ' "**: Increase lighting speed.
- **Fn + Right Shift**: Change lighting color (for static modes).



Image: Close-up side view of the Leaven K610 keyboard, highlighting the "Side Wing Water Cooling Pipe" which illuminates with RGB lighting, adding to the aesthetic appeal.

5.2. Function Key Combinations (Fn Key)

Due to its compact 61-key layout, many functions are accessed via the Fn (Function) key in combination with other keys. Refer to the keycap legends for specific functions. Common combinations include:

- **Fn + A/S/D:** Switch between Bluetooth channels (BT1/BT2/BT3).
- **Fn + R:** Activate 2.4G pairing mode.
- **Fn + T:** Switch to Wired mode.
- **Fn + Backspace:** Delete (on some layouts).
- **Fn + P:** Print Screen.
- **Fn + L:** Lock Windows key.
- **Fn + U/I/O/P/J/K/L:** Media controls (Play/Pause, Stop, Previous, Next, Mute, Volume Down, Volume Up).
- **Fn + M/<, Fn + >./ Fn + ?/:** Navigation keys (Home, End, Page Up, Page Down).

Note: Specific key combinations may vary slightly. Always refer to the legends printed on your keycaps.



Image: Diagram illustrating the 61-key compact arrangement of the Leaven K610 keyboard, emphasizing its minimalist design while retaining essential functionality.

6. MAINTENANCE AND CARE

- **Cleaning:** Use a soft, dry cloth to wipe the keyboard surface. For deeper cleaning, use a can of compressed air to remove dust and debris from between keycaps. For stubborn stains, a slightly damp cloth with mild soap can be used, ensuring no liquid enters the keyboard.
- **Keycap and Switch Replacement:** If your keyboard comes with a keycap puller and switch puller, you can carefully remove keycaps and switches for cleaning or replacement. Always pull keycaps straight up to avoid damaging the switch stem. When replacing switches, align the pins correctly before gently pushing them into the hot-swap socket.
- **Storage:** Store the keyboard in a cool, dry place away from direct sunlight and extreme temperatures.
- **Avoid Liquids:** Do not expose the keyboard to water or other liquids. Liquid damage is not covered under warranty.



Image: A close-up view of a mechanical switch on the Leaven K610 keyboard, demonstrating the hot-swappable nature of the switches, allowing for easy replacement or customization.

7. TROUBLESHOOTING

- **Keyboard not responding:**
 - Ensure the keyboard is charged.
 - Check the mode switch (Wired/2.4G/BT) is in the correct position.

- For 2.4G, ensure the USB receiver is securely plugged in. Try a different USB port.
 - For Bluetooth, ensure Bluetooth is enabled on your device and the keyboard is paired to the correct channel. Try re-pairing.
 - For wired mode, ensure the Type-C cable is securely connected to both the keyboard and the computer. Try a different cable or USB port.
 - Restart your computer/device.
- **Keys not registering or double-typing:**
 - Clean under the keycap using compressed air.
 - If hot-swappable, try removing and re-inserting the switch. If the issue persists, replace the switch with a spare one.
- **RGB lighting not working:**
 - Ensure the keyboard is powered on.
 - Try cycling through lighting modes and adjusting brightness using Fn key combinations.
 - Ensure the keyboard firmware is up to date (if applicable, check manufacturer's website).
- **Bluetooth connection unstable:**
 - Ensure there are no strong interferences (e.g., other wireless devices, thick walls).
 - Keep the keyboard within the recommended Bluetooth range.
 - Try forgetting the device on your computer/smartphone and re-pairing.

8. SPECIFICATIONS

Parameter	Detail
Model	K610
Connectivity	Bluetooth 5.0, 2.4 GHz Wireless, USB Type-C Wired
Keyboard Type	Mechanical, Hot-Swappable
Key Layout	61-Key Compact Arrangement
Backlighting	RGB (16.8 Million Colors)
Material	Acrylonitrile Butadiene Styrene (ABS)
Power Source	Battery Powered and USB Cable
Compatible Devices	Laptop, PC (Win XP/7/8/10, MAC and Above 10.2), Mobile Devices
Product Dimensions	30 x 11 x 2 cm
Item Weight	400 g
Country of Origin	China

9. WARRANTY AND SUPPORT

This Leaven K610 keyboard comes with a **6-month warranty** from the date of purchase. This warranty covers

manufacturing defects and issues arising from normal use. It does not cover damage caused by misuse, accidents, unauthorized modifications, or liquid damage.

For warranty claims or technical support, please contact your retailer or the manufacturer's authorized service center. Please retain your proof of purchase for warranty validation.