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## LexonElec K680

# LexonElec K680 Wireless RGB Gaming Keyboard and Mouse Combo User Manual

Model: K680

## 1. PRODUCT OVERVIEW

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This manual provides instructions for the LexonElec K680 Wireless RGB Gaming Keyboard and Mouse Combo. This combo features 2.4G wireless connectivity, RGB backlighting, and rechargeable batteries for both the keyboard and mouse.



Image 1.1: LexonElec K680 Wireless RGB Gaming Keyboard and Mouse Combo. The image displays the full keyboard and mouse setup, highlighting the RGB lighting and the integrated phone and pen holder.

## 2. SETUP INSTRUCTIONS

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1. **Unpacking:** Carefully remove all components from the packaging. Ensure you have the keyboard, mouse, USB charging cable, removable hand rest, and the 2.4G wireless receiver.
2. **Power On:** Locate the power switch on the side of the keyboard and the bottom of the mouse. Slide both switches to the 'ON' position.
3. **Receiver Placement:** The keyboard and mouse share a single 2.4G wireless receiver. This receiver is stored in a compartment at the bottom of the mouse. Remove the receiver and plug it into an available USB port on your computer.
4. **Initial Connection:** The keyboard and mouse should automatically connect to your computer via the 2.4G wireless receiver. No additional drivers are typically required for basic functionality (Plug & Play).
5. **Attach Hand Rest:** The keyboard includes a removable hand rest. Align the hand rest with the keyboard's front edge and attach it.
6. **Charging:** For optimal performance, it is recommended to fully charge both the keyboard and mouse before first use. Use the provided USB charging cable and a 5V DC power supply.

## ERGONOMICS+REMOVABLE HAND REST

This gaming keyboard is ergonomically designed, and the removable magnetic suction hand rest can reduce wrist fatigue.



Image 2.1: Ergonomic design with removable hand rest. This image illustrates the detachable hand rest feature of the keyboard, designed to enhance user comfort.

# Smart matching, More compatible

Support windows 2000/XP/7/8/10/Vista, etc



Image 2.2: Compatibility with various Windows operating systems. The image displays the keyboard and mouse with icons representing compatibility with Windows XP, Vista, 7, 8, and 10.

## 3. OPERATING INSTRUCTIONS

### 3.1 Keyboard Functions

- **Standard Keys:** The keyboard features 104 standard keys.
- **Multimedia Function Keys:** The keyboard includes 11 dedicated multimedia function keys, accessible via the 'Fn' key in combination with F1-F12. These allow control over media playback, volume, and other system functions.
- **Anti-Ghosting:** Supports 26 keys without conflict, ensuring accurate input during gaming.
- **Phone Holder:** An integrated slot on the keyboard allows for convenient placement of a mobile phone.

#### 3.1.1 RGB Backlight Control

The keyboard features RGB LED backlighting with adjustable effects:

- **Change Backlight State:** Press FN + DEL to cycle through three backlight states: Standard light, Breathing light, and OFF.
- **Adjust Brightness:** Press FN + ↑ to increase brightness and FN + ↓ to decrease brightness.
- **Adjust Breathing Speed:** Press FN + ← to slow down the breathing light speed and FN + → to accelerate it.



Image 3.1: Keyboard with 16 kinds of backlit effects. This image demonstrates various RGB lighting patterns and color combinations available on the keyboard.

# Anti Ghosting & Multimedia



26 Keys without Conflict



11 Multimedia Function Keys



Image 3.2: Keyboard multimedia and anti-ghosting features. The image highlights the 26-key anti-ghosting capability and the layout of 11 multimedia function keys.

## 3.2 Mouse Functions

- **Buttons:** The mouse features 6 buttons, including a scroll wheel, two side buttons, and a DPI switch.
- **DPI Adjustment:** Cycle through DPI settings (800/1200/1600/2400 DPI) using the dedicated DPI switch button.
- **Backlight:** The mouse features seven-color breathing lights. The color of the mouse backlight is not adjustable.

## 3.3 Power Saving Mode

Both the keyboard and mouse will automatically enter sleep mode after 5 minutes of inactivity to conserve battery. Press any key or move the mouse to wake the devices.

## 4. MAINTENANCE

### 4.1 Charging

To charge the keyboard and mouse, connect them using the provided USB cable to a 5V DC power source. The keyboard has a 4000 mAh battery, and the mouse has an 800 mAh battery.

- **Mouse Charging Indicator:** When the mouse's indicator light (often referred to as the 'snake head light') becomes dim or turns off, it indicates that the mouse requires charging.
- **Keyboard Charging Indicator:** When the keyboard's lock indicator light flashes, it signifies that the keyboard battery is low and needs charging.



Image 4.1: Keyboard and mouse battery life indicators. This image visually represents the 4000mAh battery capacity for the keyboard and 1000mAh for the mouse.

## 4.2 Cleaning

The keyboard features floating keycaps, which facilitate easier cleaning. Keys can be carefully removed for thorough cleaning if necessary. The keyboard also has a splash-resistant design, offering protection against minor spills.



Image 4.2: Keyboard features: floating keycaps, splash-resistant design, and integrated phone/pen holder. This image highlights the design elements that contribute to ease of cleaning and product durability.

## 5. TROUBLESHOOTING

### • Device Not Responding:

- Ensure both the keyboard and mouse power switches are in the 'ON' position.
- Verify the 2.4G wireless receiver is securely plugged into a functional USB port on your computer.
- Check battery levels. If low, charge the devices using the provided USB cable and a 5V DC power supply.
- If the devices entered sleep mode, press any key on the keyboard or move the mouse to wake them.

### • Backlight Not Working or Incorrect:

- Press **FN + DEL** to cycle through backlight modes (Standard, Breathing, OFF).
- Adjust brightness using **FN + ↑** or **FN + ↓**.

- Note that the mouse backlight color is fixed and not adjustable.
- **Lag or Signal Drop:**
  - Ensure the keyboard and mouse are within approximately 10 feet of the 2.4G wireless receiver for optimal signal strength.
  - Avoid placing the receiver near sources of strong electromagnetic interference.
- **Compatibility Issues:**
  - The product is compatible with Windows 7/8/10/Vista/XP/Mac OS/Linux. Compatibility with other systems, such as gaming consoles, is not guaranteed.

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## 6. SPECIFICATIONS

### 6.1 Keyboard Specifications

- **Keys:** 104
- **Dimensions:** Approximately 455 x 175 x 45 mm
- **Interface:** 2.4 GHz Wireless (USB receiver)
- **Battery Capacity:** 4000 mAh (built-in)
- **Backlight:** RGB LED
- **Material:** Brushed aluminum alloy panel
- **Special Features:** Rechargeable, Backlit, Splash-resistant, Removable hand rest, Integrated phone holder

### 6.2 Mouse Specifications

- **Dimensions:** Approximately 125 x 65 x 40 mm
- **DPI Settings:** 800 / 1200 / 1600 / 2400 DPI (adjustable)
- **Battery Capacity:** 800 mAh (built-in)
- **Backlight:** Seven-color breathing lights (non-adjustable)
- **Buttons:** 6 buttons (including scroll wheel, two side buttons, DPI switch)

### 6.3 General Specifications

- **Connectivity:** 2.4G Wireless, USB
- **Compatible Systems:** Windows 7/8/10/Vista/XP/Mac OS/Linux and later
- **Charging Input:** 5V DC
- **Receiver:** Shared nano receiver for keyboard and mouse

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## 7. WARRANTY AND SUPPORT

Information regarding product warranty and customer support is not provided within this manual. Please refer to the product packaging or the retailer's website for details on warranty coverage and how to contact customer support for your LexonElec K680 Wireless RGB Gaming Keyboard and Mouse Combo.

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