

manuals.plus /

› [HK GAMING](#) /

› [HK GAMING GK61 60% v3 Hotswap Mechanical Gaming Keyboard User Manual](#)

## HK GAMING GK61 60%

# HK GAMING GK61 60% v3 Hotswap Mechanical Gaming Keyboard User Manual

Model: GK61 60%

## INTRODUCTION

The HK GAMING GK61 60% v3 is a compact, hotswap mechanical gaming keyboard designed for performance and customization. This manual provides instructions for setup, operation, maintenance, and troubleshooting to ensure optimal use of your keyboard.



Image: The HK GAMING GK61 60% v3 keyboard, showcasing its compact design and RGB lighting.

## PACKAGE CONTENTS

Verify that all items are present in the package:

- HK GAMING GK61 60% v3 Mechanical Gaming Keyboard
- USB Cable (Type-C to Type-A, 5FT/1.5M)
- Keycap Puller

## SETUP

1. **Connect the Keyboard:** Plug the USB-C end of the provided cable into the keyboard and the USB-A end into an available USB port on your computer (PC, Mac, PS5, XBOX, Tablet).
2. **Automatic Recognition:** The keyboard should be automatically recognized by your operating system. No additional drivers are typically required for basic functionality.
3. **Software Installation (Optional):** For advanced customization, including macros, key rebindings, and detailed RGB lighting effects, download the official HK GAMING software from the manufacturer's website.



Image: The GK61 keyboard integrated into a gaming setup, illustrating its connection and compact form factor.

## OPERATING INSTRUCTIONS

## Function Layer (FN Key Combinations)

Due to its 60% compact layout, many functions are accessed via the Function (FN) key in combination with other keys. Refer to the diagram below for common FN key combinations:

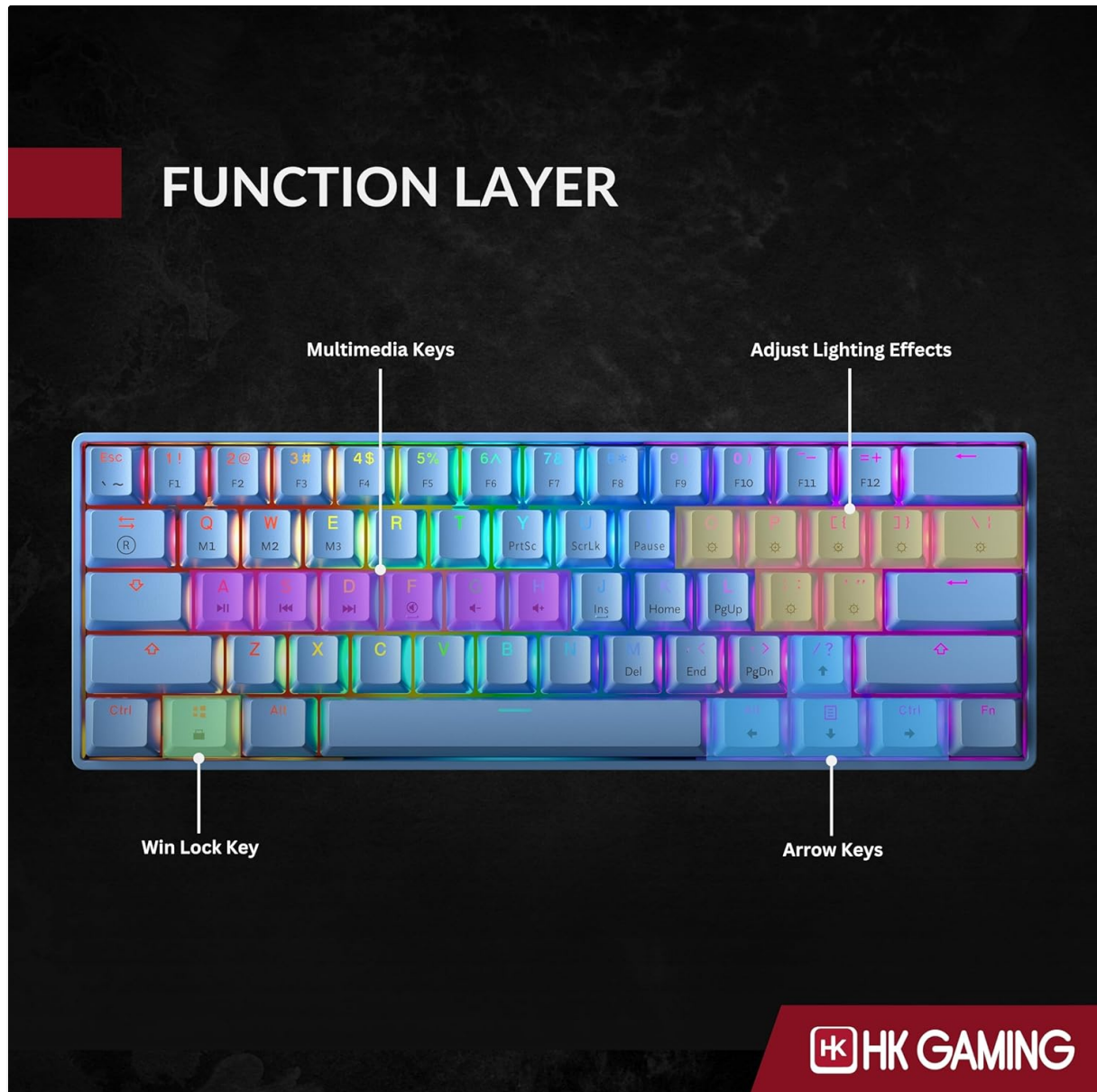


Image: A detailed layout of the GK61 keyboard, highlighting multimedia keys, lighting effect adjustments, Win Lock key, and arrow keys accessible via the FN layer.

- **Multimedia Keys:** Use FN + Q, W, E, R, T, Y for various multimedia controls (e.g., Play/Pause, Stop, Previous/Next Track, Volume Up/Down, Mute).
- **Adjust Lighting Effects:** Use FN + U, I, O, P, [, ], \, ;, ', /, ., ,, M, <, >, ? for different RGB lighting patterns and brightness adjustments.
- **Win Lock Key:** Use FN + Win key to lock/unlock the Windows key, preventing accidental presses during gaming.
- **Arrow Keys:** Use FN + W, A, S, D or FN + Right Shift, /, Alt, Ctrl for arrow key functionality.

## RGB Lighting Customization

The GK61 features customizable RGB lighting with 16.8 million colors and twenty adjustable backlight patterns. These can be controlled directly on the keyboard using FN key combinations or through the dedicated software for more granular control.

## Macros and Key Rebinding

The adaptable software allows users to customize complex macros and rebind keys to suit individual preferences and optimize workflow or gaming performance.



Image: The GK61 keyboard displaying its vibrant RGB lighting, highlighting features like per-key RGB, doubleshot keycaps, and macro customization.

## Cross-Platform Compatibility

The keyboard is compatible with Windows 10, Win 8, Win 7, Win Vista, Windows XP, and Mac OS. Note that some keys may require remapping through the software for full functionality on Mac OS.

## HOT-SWAP SWITCHES

The GK61 features hotswap optical mechanical switches, allowing users to change or upgrade switches without soldering. This provides flexibility for customizing typing feel and sound.



Image: A close-up view of the GK61 keyboard, showing individual keycaps and the underlying hotswap optical switches.

## Optical Switch Types

The GK61 is available with various Gateron Optical switch types, each offering distinct characteristics:

Switch	Switch Type	Pre-Travel	Actuation Force	Best for
Gateron Optical Black	Linear	2mm ( $\pm 0.6$ mm)	60cN ( $\pm 15$ cN)	Gaming
Gateron Optical Blue	Clicky	2mm ( $\pm 0.6$ mm)	55cN ( $\pm 15$ cN)	Typing
Gateron Optical Brown	Tactile	2mm ( $\pm 0.6$ mm)	55cN ( $\pm 15$ cN)	Gaming & Typing
Gateron Optical Red	Linear	2mm ( $\pm 0.6$ mm)	45cN ( $\pm 15$ cN)	Gaming
Gateron Optical Yellow	Linear	1mm ( $\pm 0.6$ mm)	35cN ( $\pm 15$ cN)	Gaming
Gateron Optical Silver	Linear	1mm ( $\pm 0.6$ mm)	45cN ( $\pm 15$ cN)	Gaming

Table: Specifications for various Gateron Optical switch types compatible with the GK61 keyboard.

## MAINTENANCE

## Cleaning

- Disconnect the keyboard from your computer before cleaning.
- Use a soft, dry cloth to wipe the surface of the keyboard.
- For dust and debris between keycaps, use compressed air.
- To clean under keycaps, use the provided keycap puller to carefully remove keycaps. Clean the switches and plate with a soft brush or compressed air. Reattach keycaps by pressing them firmly onto the switch stems.

## Switch Replacement

To replace switches, gently pull the keycap off using the keycap puller. Then, use a switch puller (not included) to carefully remove the optical switch from the PCB. Align the pins of the new optical switch with the holes on the PCB and press firmly until it clicks into place. Ensure the switch is properly seated before replacing the keycap.

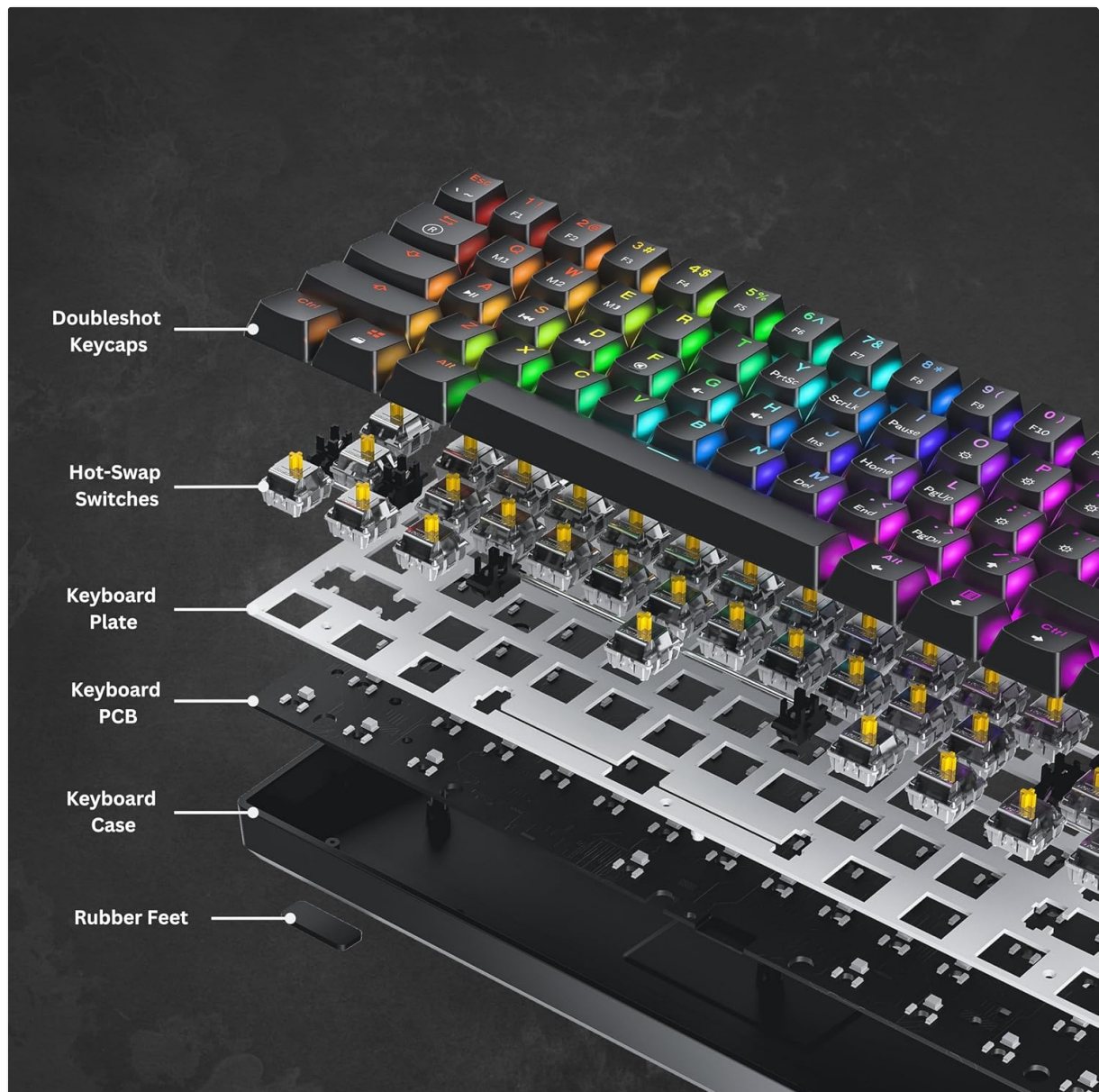


Image: An exploded diagram illustrating the internal components of the GK61 keyboard, including doubleshot keycaps, hot-swap switches, keyboard plate, PCB, keyboard case, and rubber feet.

## TROUBLESHOOTING

- **Keyboard Not Responding:**
  - Ensure the USB cable is securely connected to both the keyboard and the computer.

- Try connecting the keyboard to a different USB port.
- Test the keyboard on another computer to rule out system-specific issues.
- **RGB Lighting Not Working/Incorrect:**
  - Check FN key combinations for lighting control (refer to Operating Instructions).
  - Ensure the HK GAMING software is installed and updated, and check its settings.
- **Specific Keys Not Working:**
  - Carefully remove the keycap and inspect the optical switch for any visible damage or debris.
  - If you have spare switches, try replacing the faulty switch.
  - Ensure the keycap is properly seated on the switch stem.
- **Software Not Detecting Keyboard:**
  - Restart your computer and the software.
  - Ensure the software is the correct version for your keyboard model and operating system.
  - Temporarily disable any antivirus or firewall software that might be blocking communication.

## SPECIFICATIONS

---

- **Model:** GK61 60%
- **Layout:** 61 Keys, US Layout
- **Switch Type:** Hotswap Optical Mechanical Switches (e.g., Gateron Optical Red)
- **Connectivity:** USB-C (Detachable 5FT/1.5M cable)
- **Polling Rate:** 1kHz (1ms response time)
- **Backlighting:** Per-key RGB, 16.8 million colors, 20+ patterns
- **Keycaps:** Doubleshot, OEM Profile
- **Compatibility:** Windows 10/8/7/Vista/XP, Mac OS, PS5, XBOX, Tablet
- **Product Dimensions:** 11.42 x 4.02 x 1.57 inches
- **Item Weight:** 1.28 pounds

## OFFICIAL PRODUCT VIDEO

---

Your browser does not support the video tag.

Video: An official product video demonstrating features and usage of the HK GAMING GK61 keyboard.

## WARRANTY AND SUPPORT

---

For warranty information, technical support, or further assistance, please refer to the official HK GAMING website or contact their customer service directly. Keep your purchase receipt for warranty claims.