

ABKO KN01

ABKO Hacker KN01 Electro-Capacitive RGB PBT Keyboard User Manual

Model: KN01

INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your ABKO Hacker KN01 Electro-Capacitive RGB PBT Keyboard. Please read this manual thoroughly before using the product to ensure proper functionality and longevity.

The ABKO Hacker KN01 is a high-performance gaming keyboard featuring electro-capacitive non-contact switches, full RGB LED effects, and durable PBT dual-injection keycaps. It is designed for optimal gaming experience with features like full N-key rollover and a 1000Hz polling rate.



Image: The ABKO Hacker KN01 keyboard in white, showcasing its RGB lighting capabilities.

SETUP

1. **Unpacking:** Carefully remove the keyboard and all accessories from the packaging. Ensure all components are present.
2. **Connection:** Connect the provided USB Type-C cable to the keyboard's port and the other end to an available USB port on your computer.
3. **Driver Installation:** The keyboard is typically plug-and-play. For advanced customization and software features, download the official software from the ABKO website.
4. **Initial Test:** After connecting, the keyboard's RGB lighting should illuminate. Test basic key functions to ensure proper operation.

OPERATING INSTRUCTIONS

The KN01 keyboard offers various functions and customization options. Below are key operating instructions:

Key Features Overview

OVERVIEW



Image: An overview diagram detailing the technical specifications and features of the ABKO Hacker KN01 keyboard.

- **Capacitance Non-Contact Switches:** Provides a responsive and durable typing experience.
- **87-Key Layout:** A compact layout without a numeric keypad.
- **MCU:** Equipped with an ARM 32-bit Microcontroller Unit for efficient processing.
- **PBT Dual Injection Keycaps:** Durable keycaps with legends that won't fade.
- **N-Key Rollover:** Supports full N-key rollover, allowing all keys to be registered simultaneously.
- **1000Hz Polling Rate:** Ensures rapid response times for gaming.
- **Detachable USB Type-C Cable:** For easy connectivity and portability.

RGB LED Effects

The keyboard features full RGB LED effects. Specific lighting modes and customization options can be accessed through the dedicated software or by using FN key combinations. Refer to the software interface for detailed control over lighting patterns, brightness, and speed.

Adjusting Key Stroke

The key stroke length can be adjusted to suit your preference. Press **FN + F9** to cycle through different key stroke settings. This feature allows for fine-tuning the actuation point of the electro-capacitive switches.

Key Lock Function

The keyboard includes a key lock function to prevent accidental presses during critical moments, especially in gaming. Consult the software or specific FN key combinations for activating and deactivating this feature.

Indicator Lights



Image: A close-up view of the keyboard highlighting the Caps Lock, Scroll Lock, and Win Lock indicator lights, which are simple white LEDs.

The indicator lights for **Caps Lock**, **Scroll Lock**, and **Win Lock** are located above the arrow keys. These indicators use simple white LEDs for a clean and minimalist design.

MAINTENANCE

- **Cleaning:** The ABKO Hacker KN01 keyboard is IP68 certified for full waterproofing. To clean, you can gently rinse the keyboard under running water (ensure USB cable is disconnected) or wipe it with a damp cloth. Allow it to dry completely before reconnecting.
- **General Care:** Avoid exposing the keyboard to extreme temperatures, direct sunlight, or harsh chemicals. Do not attempt to disassemble the keyboard, as this may void the warranty.
- **Cable Management:** Ensure the USB cable is not bent or kinked excessively to prevent damage.

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.
 - Restart your computer.
 - If using a USB hub, try connecting directly to the computer.
- **LED Lights Not Working/Incorrect:**
 - Check the keyboard software for lighting settings.
 - Ensure no FN key combinations have turned off or changed the lighting.

- Reinstall the keyboard software if necessary.
- **Keys Not Registering:**
 - Clean the affected key area, as debris might be interfering with the switch.
 - Ensure the key lock function is not active.
 - Test the keyboard on another computer to rule out software or system issues.

If you continue to experience issues, please refer to the Warranty & Support section for further assistance.

SPECIFICATIONS

Feature	Description
Model	KN01
Keyboard Type	Gaming
Switch Type	Electro-Capacitive Non-Contact (45g actuation force)
Key Count	104
Keycaps	PBT Dual Injection
Polling Rate	1000Hz
MCU	ARM 32-bit
Connectivity	Detachable USB Type-C
Waterproof Rating	IP68 Certified
Color	White
Hand Orientation	Ambidextrous
Compatibility	CherryMX compatible (switches)

WARRANTY & SUPPORT

The ABKO Hacker KN01 keyboard comes with a **1-year warranty** from the date of purchase, covering manufacturing defects. Please retain your proof of purchase for warranty claims.

For technical support, warranty inquiries, or further assistance, please contact ABKO customer service through their official website or the retailer where the product was purchased. Provide your product model (KN01) and a detailed description of the issue when seeking support.

For the latest drivers and software, please visit the official ABKO website.