ABKO K965P

ABKO K965P V2 Capacitance Non-Contact Switch Keyboard User Manual

Model: K965P

Introduction

The ABKO K965P V2 is a high-performance mechanical keyboard featuring 55g capacitance non-contact switches, designed for durability and a responsive typing experience. This keyboard incorporates PBT keycaps, N-key rollover, and a waterproof design, making it suitable for various environments. It also includes an ARM 32-bit processor for efficient performance and a 1000Hz polling rate for rapid input detection. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your ABKO K965P V2 keyboard.



Image: Top-down view of the ABKO K965P V2 keyboard, showcasing its full layout.

Setup

1. Connecting the Keyboard

The ABKO K965P V2 keyboard connects to your computer via a standard USB cable. Ensure your computer is powered on before connecting the keyboard.

1. Locate an available USB port on your computer.
2. Plug the USB connector from the keyboard cable into the USB port.
3. The keyboard is typically plug-and-play and should be recognized automatically by your operating system.



Image: The ABKO K965P V2 keyboard shown with its attached USB cable, ready for connection.

2. Software Installation (Optional)

For advanced customization, such as macro programming or key remapping, dedicated software may be available. Refer to the included software CD or the official ABKO website for download and installation instructions. The keyboard's ARM 32-bit processor allows settings to be stored directly on the device.

Operating Instructions

Basic Functions

- **Typing:** The keyboard features a standard English/Korean layout with PBT keycaps for a durable and comfortable typing experience.
- **N-key Rollover:** The keyboard supports N-key rollover (NKRO), allowing multiple keys to be pressed simultaneously without ghosting or missed inputs. This is particularly beneficial for fast typing and gaming.
- **Polling Rate:** A 1000Hz polling rate ensures rapid communication between the keyboard and your computer, minimizing input lag.

Special Features and Hotkeys

- **Dedicated Volume Keys:** The keyboard includes dedicated keys for volume control, allowing for quick audio adjustments without needing to use function key combinations.
- **Windows Key Lock:** The right Windows key is replaced with a Function (Fn) key. The Caps Lock, Scroll Lock, and Num Lock indicators are integrated as backlighting beneath their respective keys.
- **Cherry MX Profile Compatibility:** The keycap sliders are compatible with Cherry MX style keycaps, offering options for customization.
- **Steps Sculpture 2:** The keycap profile is designed for ergonomic comfort and typing efficiency.



Image: A close-up view of the ABKO K965P V2 keycaps, highlighting the English/Korean legends and PBT material.

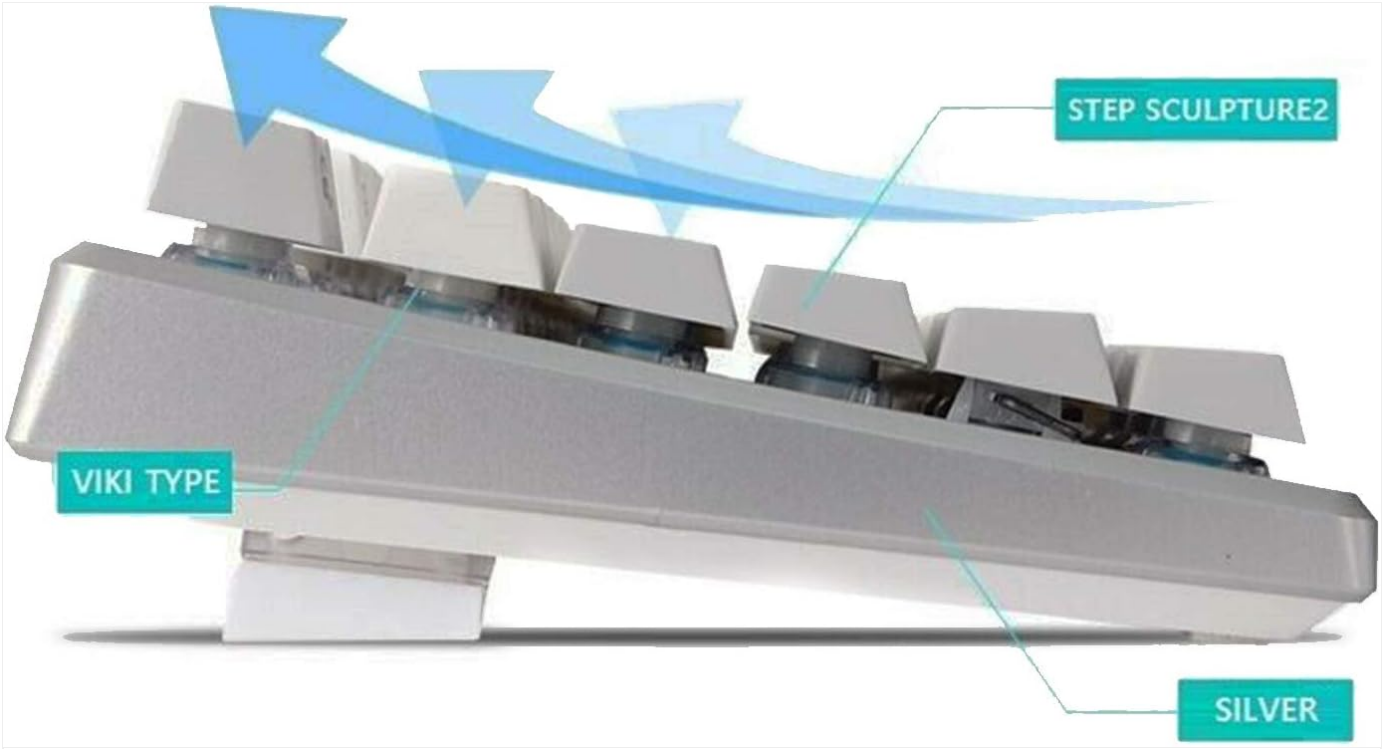


Image: Side profile of the ABKO K965P V2 keyboard, illustrating the Steps Sculpture 2 ergonomic keycap design.

Maintenance

Cleaning the Keyboard

Regular cleaning helps maintain the keyboard's performance and appearance. The ABKO K965P V2 features a waterproof design, offering enhanced protection against spills.

- **Dust Removal:** Use the included plastic handle brush or compressed air to remove dust and debris from between the keycaps. The "floating key switch design" makes cleaning easier.
- **Spill Cleaning:** In case of liquid spills, immediately disconnect the keyboard from your computer. The waterproof feature helps prevent damage, but it is recommended to gently wipe down the keyboard with a damp cloth and allow it to air dry completely before reconnecting. Do not submerge the keyboard.
- **Keycap Cleaning:** PBT keycaps are resistant to shine and wear. They can be cleaned with a mild soap solution and a soft cloth. Ensure keycaps are completely dry before reattaching.



Image: The ABKO K965P V2 keyboard packaging, showing included accessories such as the cleaning brush and keycap puller.

Keycap Removal and Replacement

Use the included keycap puller to safely remove keycaps for cleaning or replacement. Gently pull the keycap straight up to avoid damaging the switch stem. When replacing, align the keycap with the switch stem and press down firmly until it clicks into place.

Troubleshooting

- **Keyboard Not Responding:**
  - Ensure the USB cable is securely connected to both the keyboard and the computer.
  - Try plugging the keyboard into a different USB port.
  - Restart your computer.
- **Keys Not Registering or "Phantom" Key Presses:**
  - Check for any debris or foreign objects lodged under the keycaps. Clean the keyboard as described in the Maintenance

section.

- If using custom software, ensure it is updated and configured correctly.
- While rare with capacitance non-contact switches, if the issue persists, try connecting the keyboard to another computer to rule out a system-specific problem.

- **Function Keys or Hotkeys Not Working:**
  - Ensure any necessary software or drivers are installed and running.
  - Verify that no other software is conflicting with the keyboard's hotkey functions.

Specifications

Feature	Detail
Brand	ABKO
Model Name	K965P
Model Number	K965P V55g
Switch Type	Capacitance Non-Contact Switch (55g)
Keycap Material	PBT (Polybutylene Terephthalate)
Connectivity Technology	USB
Polling Rate	1000Hz
N-key Rollover	Supported
Water Resistance Level	Waterproof
Compatible Devices	PC
Number of Keys	108
Included Components	Keycap Puller, USB Cable
Item Weight	1.08 Kilograms

Warranty and Support

For specific warranty terms and conditions, please refer to the documentation provided with your purchase or contact your retailer. For technical support or further assistance, please visit the official ABKO website or contact their customer service department.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question