

Manuals.plus /

› FiiO /

› FiiO KB1K Mechanical Keypad User Manual

FiiO KB1K

FiiO KB1K Mechanical Keypad User Manual

Model: KB1K

1. INTRODUCTION

The FiiO KB1K is a compact mechanical keypad designed to enhance your control over various applications, particularly audio playback. It features a rotary knob and three customizable keys, offering intuitive and efficient operation. This manual provides detailed instructions on setting up, operating, maintaining, and troubleshooting your KB1K keypad.

2. PRODUCT OVERVIEW

Familiarize yourself with the components of your FiiO KB1K keypad.



Figure 2.1: Top View. This image displays the FiiO KB1K from above, highlighting its three mechanical keys and the prominent rotary knob, all illuminated with blue backlighting.



Figure 2.2: Side View (Knob). This perspective shows the side profile of the KB1K, focusing on the textured rotary knob.



Figure 2.3: Side View (USB-C Port). This image illustrates one of the USB-C ports located on the side of the keypad, used for connectivity.



Figure 2.4: Bottom View. The underside of the KB1K is shown, featuring the anti-slip mat designed to keep the device stable during use.

Components:

- **Mechanical Keys (x3):** Programmable keys for various functions.
- **Rotary Knob:** Multi-functional knob for volume control, scrolling, and other assigned actions. It also

functions as a button when pressed.

- **USB-C Ports (x2):** For connecting the keypad to your device. One port is located on the top edge, and another on the side, offering flexible cable routing.
- **Anti-slip Mat:** Located on the bottom surface to prevent movement during use.

3. SETUP

Follow these steps to set up your FiiO KB1K keypad.

3.1 Connecting the Keypad

1. Obtain a USB-C to USB-A or USB-C to USB-C cable (not included with the product).
2. Connect one end of the USB-C cable to either of the USB-C ports on the FiiO KB1K. The keypad offers two USB-C ports for flexible placement and cable management.
3. Connect the other end of the cable to an available USB port on your computer (Windows, Mac OS) or compatible FiiO DAP/smart device.
4. Ensure a direct connection to your PC's USB port for optimal performance. Connecting via a USB hub may result in keys not responding.



Figure 3.1: USB-C Port Locations. This diagram illustrates the two available USB-C connection points on the FiiO KB1K, allowing for versatile cable routing.

3.2 Software Installation (Windows Only)

For advanced customization and key remapping, download the dedicated FiiO KB1K software from the official FiiO website or the provided support resources. This software is primarily for Windows operating systems.

- The software allows you to assign various functions to the keys and knob, including keyboard shortcuts, mouse actions, and multimedia controls.
- It also enables customization of LED lighting effects.
- Basic media control functions (volume, play/pause, skip) typically work without software installation on compatible devices.

4. OPERATING THE KEYPAD

The FiiO KB1K offers intuitive control for various tasks.

4.1 Default Functions (Multimedia Control)

Out of the box, the KB1K is often configured for multimedia control:

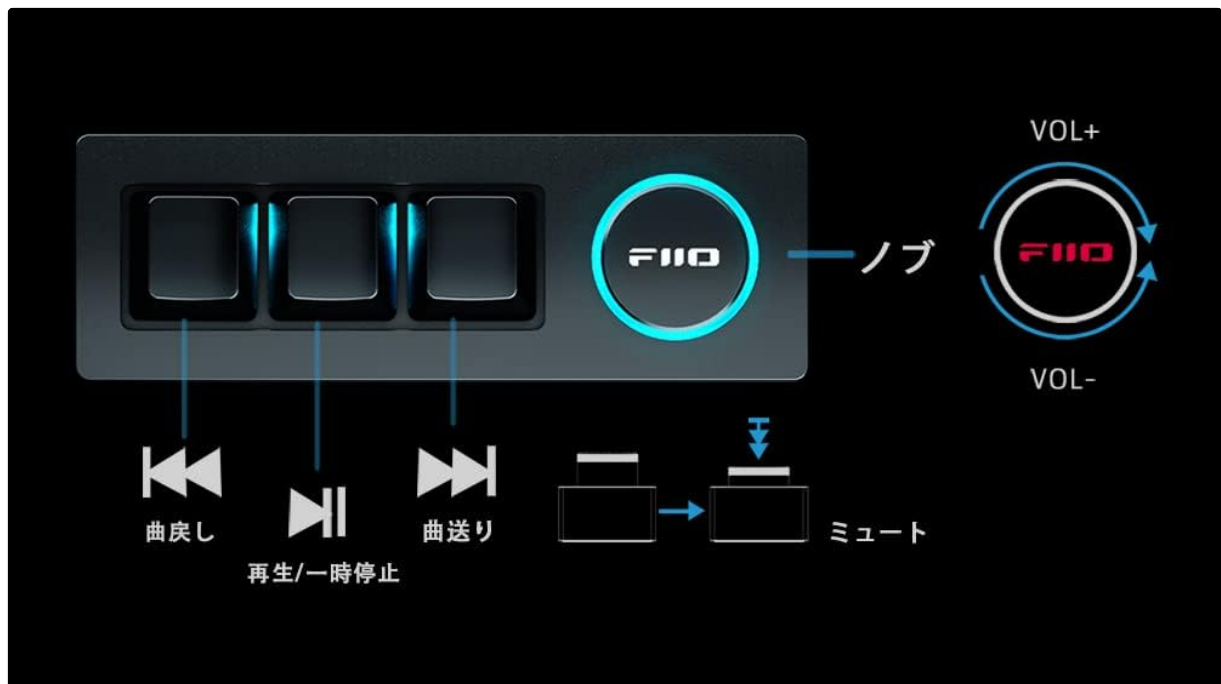


Figure 4.1: Default Key Functions. This diagram illustrates the standard assignments for the keys and knob, primarily for media playback control.

- **Left Key:** Previous Track
- **Middle Key:** Play/Pause
- **Right Key:** Next Track
- **Rotary Knob (Rotate):** Volume Up/Down
- **Rotary Knob (Press):** Mute/Unmute

4.2 Customizing Key Functions (via Software)

The dedicated software allows for extensive customization:

1. Launch the FiiO KB1K configuration software.
2. Navigate to the 'Keyboard' tab.
3. Select the desired layer (Base, Fn 1, Fn 2, Fn 3, Fn 4) from the bottom of the screen. The keypad supports up to 5 programmable layers.
4. Click on the key you wish to reassign on the on-screen keyboard layout.
5. Choose a mode (e.g., Keyboard for key presses, Mouse mode for mouse clicks, Multimedia control for media functions).
6. Enter the specific action for the chosen mode. For example, for a key press, input the desired key.
7. To switch between layers using a key, select 'SW' as the mode and specify the target layer number (0 for Base).
8. Click 'Save' in the top right corner to apply changes to the keypad.

4.3 Customizing LED Lighting (via Software)

Adjust the backlighting of your KB1K:

1. In the software, click on the 'Light' tab.

2. If using the browser-based software, select the desired layer for LED customization. The downloadable software may only allow Base layer LED changes.
3. Click on the key whose LED you want to configure.
4. Choose the desired lighting mode and color. To turn off the light, select 'Static' mode, 'none' for Event, and set RGB color to 0,0,0.
5. Click 'Save' to apply the LED settings.

5. MAINTENANCE

Proper maintenance ensures the longevity and performance of your FiiO KB1K.

5.1 Cleaning

- Use a soft, dry cloth to wipe the surface of the keypad.
- For stubborn dirt, slightly dampen the cloth with water or a mild cleaning solution. Avoid excessive moisture.
- Do not use harsh chemicals or abrasive materials, as they may damage the finish.

5.2 Hot-Swappable Switches

The FiiO KB1K features hot-swappable mechanical switches, allowing you to easily replace them without soldering.



Figure 5.1: Hot-Swappable Switch. This image demonstrates the ease of replacing mechanical switches on the KB1K, highlighting its hot-swappable feature.

- To replace a switch, gently pull the keycap off, then use a switch puller tool (not included) to carefully remove the switch from its socket.
- Align the pins of the new switch with the holes in the socket and press firmly until it clicks into place.

6. TROUBLESHOOTING

If you encounter issues with your FiiO KB1K, refer to the following common problems and solutions.

Problem	Possible Cause	Solution
Keypad not recognized / Keys unresponsive	Incorrect connection, driver issue, or power supply.	Ensure the USB cable is directly connected to a PC USB port, not through a hub. Try a different USB port or cable. Restart your computer.
Software access error (e.g., 403 Forbidden)	Website access restrictions or outdated link.	Verify the software download link on the official FiiO website. Try accessing from a different browser or network.
Continuous skipping of tracks (when using skip function)	Keypad input interpretation.	This behavior may occur due to the keypad's input method. It is generally not a malfunction.
Windows 11 sleep resume issues	Operating system power management settings.	This is a known issue for some users and may not be resolvable through keypad settings. Check Windows power options for USB selective suspend settings or device manager power management tabs for the USB root hub.
Anti-slip mat not effective	Surface condition or mat material.	Ensure the surface is clean and dry. Consider placing the keypad on a mouse pad or desk mat for better grip.

If the problem persists after trying these solutions, please contact FiiO customer support or your local dealer for further assistance.

7. SPECIFICATIONS

Feature	Detail
Brand	FiiO
Model	KB1K
Connectivity Technology	USB
Keyboard Description	Mechanical
Switch Type	Mechanical
Recommended Uses For Product	Personal
Compatible Devices	Smart TV (and FiiO DAPs, Windows PCs, Mac OS)
Item Weight	90 g
Package Dimensions	15 x 6 x 3.7 cm
Keyboard Layout	QWERTY (referring to keycap style, not full layout)
Hand Orientation	Ambidextrous

8. WARRANTY AND SUPPORT

FiiO products are designed for reliability and performance. For warranty information, please refer to the warranty card included with your product or visit the official FiiO website. Warranty terms may vary by region and retailer.

For technical support, software updates, and frequently asked questions, please visit the FiiO official support page or their interactive community forum. These resources often provide detailed guides and solutions for software configuration and common inquiries.

Official FiiO Website: www.fii.com