PCsensor MK321U

PCsensor 3-Key Mini Keypad User Manual
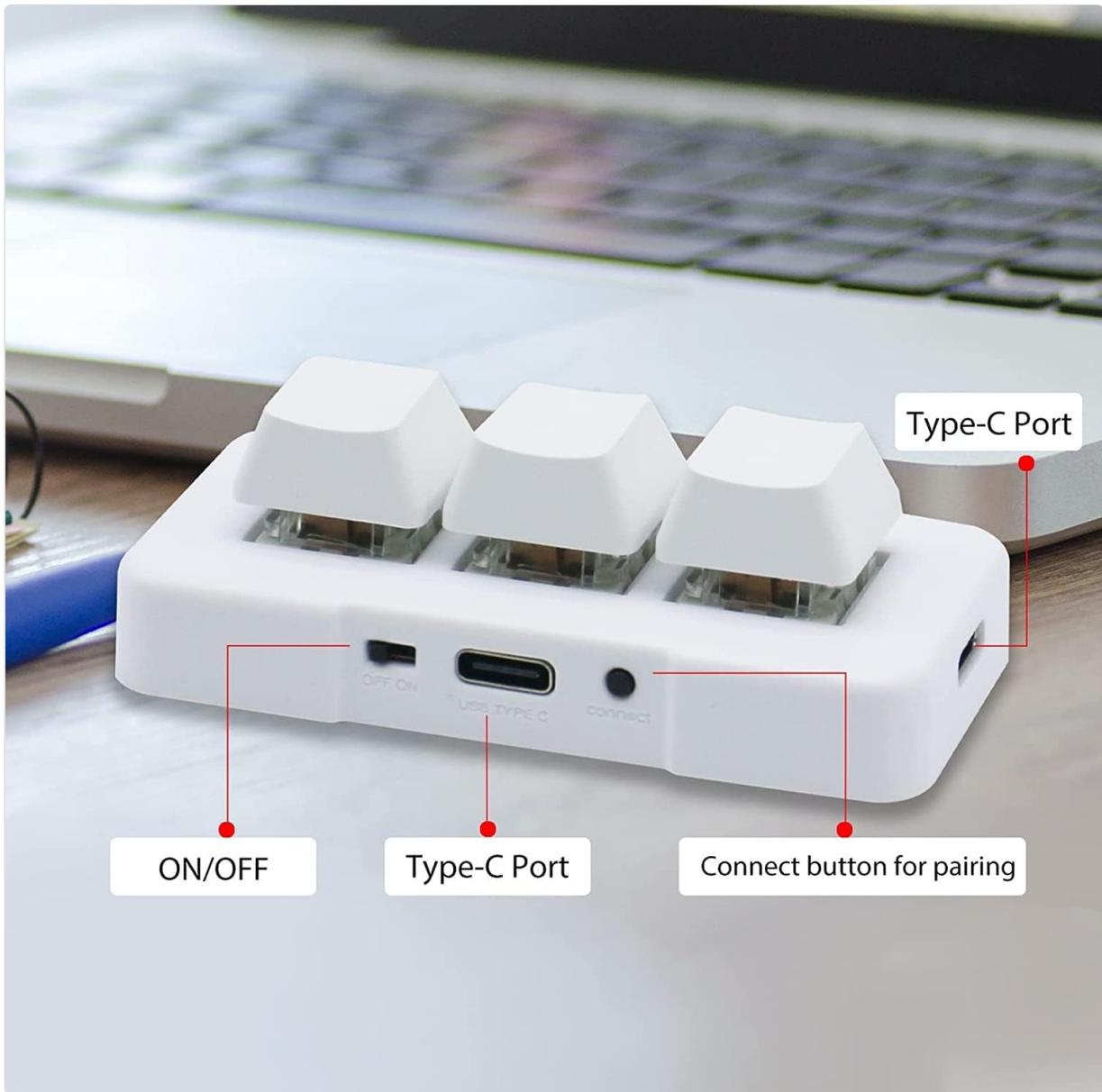
Model: MK321U (2.4G Wireless Version)

INTRODUCTION

Thank you for choosing the PCsensor 3-Key Mini Keypad. This compact and versatile mechanical keyboard is designed for enhanced productivity and gaming, offering customizable hotkey functions, 2.4G wireless connectivity, and vibrant RGB LED lighting. This manual will guide you through the setup, operation, and maintenance of your new keypad to ensure optimal performance.
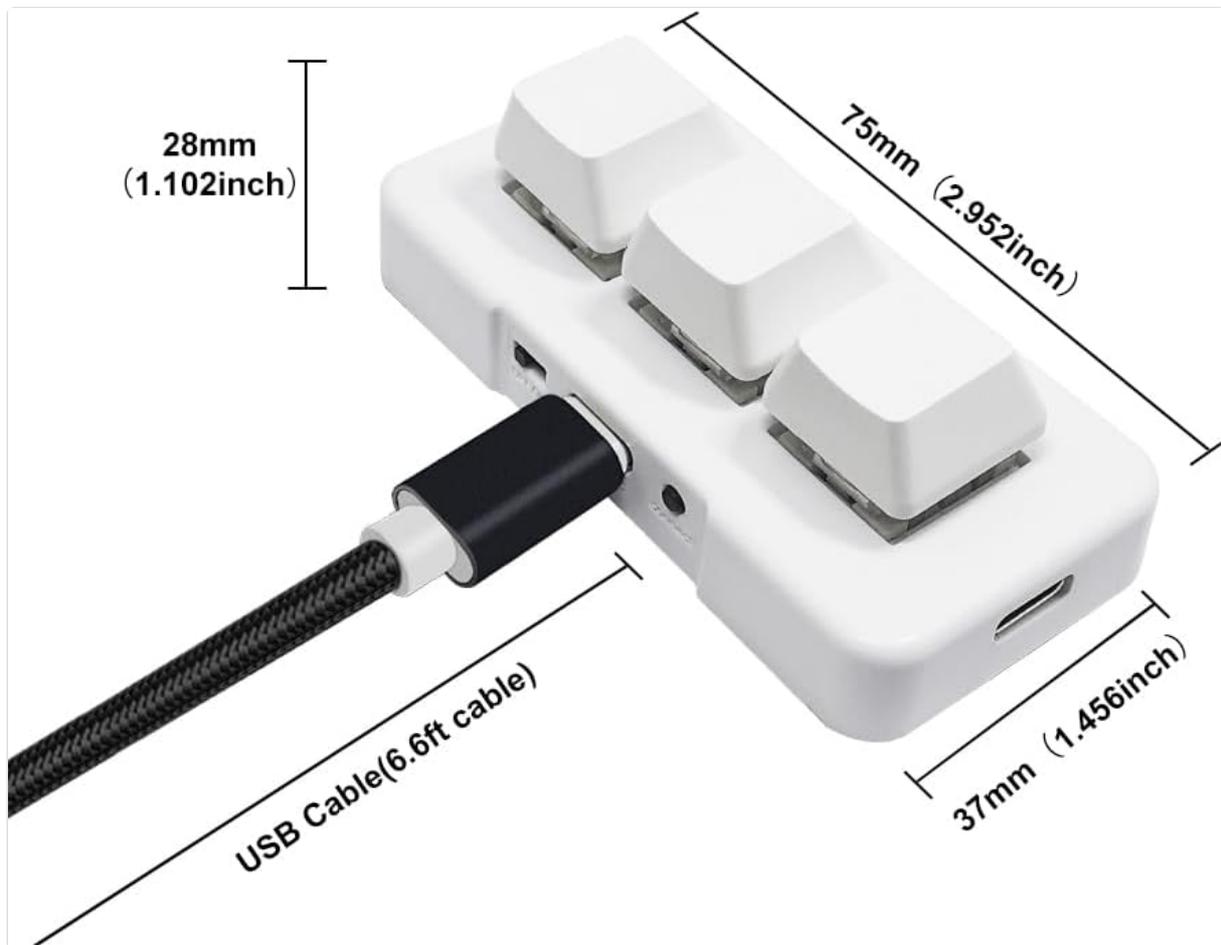
PRODUCT OVERVIEW

The PCsensor 3-Key Mini Keypad is a highly portable and programmable device. It features three mechanical keys, a durable ABS construction, and a long-lasting rechargeable battery. The keypad supports both 2.4G wireless and wired (USB Type-C) connections.

This image shows the compact design of the 3-key mini keypad, highlighting its three mechanical keys with vibrant RGB backlighting. The side features an ON/OFF switch, a USB Type-C port, and a 'connect' button for pairing.

Type-C Port

ON/OFF

Type-C Port

Connect button for pairing

A detailed view of the keypad's connectivity options, including the ON/OFF switch, the USB Type-C port for charging and wired connection, and the dedicated 'connect' button for wireless pairing.

This diagram illustrates the compact dimensions of the keypad, making it suitable for various setups. It also shows the included USB cable for connection and charging.

SPECIFICATIONS

Feature	Description
Brand	PCsensor
Model	MK321U (2.4G Wireless)
Connectivity Technology	2.4G Wireless (Wi-Fi), USB Type-C (Wired)
Number of Keys	3
Key Type	Mechanical
Backlighting	RGB
Special Features	Backlit, Rechargeable, Customizable Display Keys
Compatible Devices	Laptop, PC, Tablet, Smartphone
Recommended Uses	Office, Gaming (OSU), Customized Hotkeys
Battery Life	Up to 3 months on a 2-hour full charge

SETUP GUIDE

Charging the Keypad

Before first use, fully charge the keypad using the provided USB Type-C cable. Connect the cable to the keypad's Type-C port and the other end to a USB power source (e.g., computer USB port, wall adapter). The LED indicator will show charging status. A full charge typically takes 2 hours and can provide up to 3 months of use. The LED light will flash every 3 seconds when the battery is low.

2.4G Wireless Connection

1. Ensure the keypad is charged.

2. Locate the ON/OFF switch on the side of the keypad and slide it to the 'ON' position.

3. Insert the 2.4G USB receiver into an available USB port on your computer or device.

4. Press the 'connect' button on the side of the keypad. The keypad should automatically pair with the receiver. A green light on the keypad indicates a successful 2.4G wireless connection.

Keyboard
Can be programed to any keys, hotkeys or shortcut keys.

Multimedia
Plug and play, Volume ±, page turner

Vedio Games
One click combo, carry all.

String Function Mouse Function
Can be edited as frequently used texts.

Medical Equipment image collection
Capture images with a gentle tap by your foot

This image demonstrates the 2.4G wireless connection, showing the keypad paired with its receiver. A green light indicates successful wireless mode activation.

Initial Configuration (Windows Recommended)

While the keypad is compatible with multiple operating systems, it is recommended to perform the initial key programming and customization on a Windows system. Once configured, the settings are saved to the

keypad's internal memory and can be used freely on other compatible devices, including Linux, Mac OS, Android, and iOS.

OPERATING INSTRUCTIONS

Key Programming and Customization

The primary feature of this keypad is its programmability. Each of the three keys can be assigned to perform various functions, including:

- **Hotkeys/Shortcut Keys:** Assign complex key combinations (e.g., Ctrl+C, Alt+F4).
- **Multimedia Control:** Play/pause, volume up/down, next/previous track.
- **Gaming Macros:** Execute a sequence of actions with a single press (e.g., for OSU! or other games).
- **String Function:** Input frequently used text strings.
- **Mouse Functions:** Simulate mouse clicks or movements.
- **Specialized Applications:** Such as image collection for medical equipment.

Refer to the PCsensor official website or included software (if applicable) for detailed instructions on how to download and use the programming software to customize your keys.

This visual guide highlights the versatility of the keypad, showing its use for custom keyboard shortcuts, multimedia

control, gaming macros, text input, mouse functions, and specialized applications like medical imaging.

System Compatibility

The PCsensor 3-Key Mini Keypad is broadly compatible with a range of operating systems:

- Windows
- macOS
- Android
- Linux
- iOS (after initial configuration on Windows/Mac)

This image confirms the broad compatibility of the keypad across various operating systems, including Windows, macOS, Android, and Linux. Configuration is recommended on Windows or Mac for full functionality.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the keypad. For stubborn dirt, a slightly damp cloth with mild soap can be used, ensuring no liquid enters the device. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** Store the keypad in a cool, dry place away from direct sunlight and extreme temperatures.

- **Battery Care:** To prolong battery life, avoid fully discharging the keypad frequently. Charge it regularly, especially if it will be stored for an extended period.
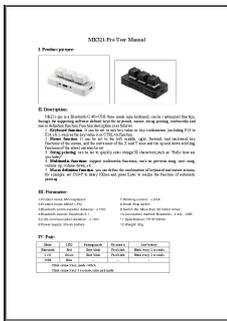
TROUBLESHOOTING

- **Keypad not connecting wirelessly:**

  - Ensure the keypad is turned ON and fully charged.
  - Verify the 2.4G USB receiver is securely plugged into a working USB port.
  - Press the 'connect' button on the keypad to re-initiate pairing.
  - Try a different USB port on your device.

- **Keys not responding or performing incorrect actions:**

  - Ensure the keypad is properly connected (wired or wireless).
  - Check your key programming settings using the customization software. Re-program if necessary.
  - Restart your computer/device.

- **LED light flashing every 3 seconds:**

  - This indicates low battery. Connect the keypad to a power source using the USB Type-C cable to charge it.

- **Keypad not recognized by programming software:**

  - Ensure the keypad is connected via USB Type-C cable to your Windows or Mac computer. The software typically requires a wired connection for programming.
  - Download the latest version of the programming software from the official PCsensor website.
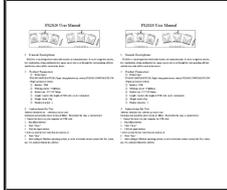
WARRANTY AND SUPPORT

PCsensor products are built for durability and performance. For warranty information, technical support, or further assistance, please refer to the warranty card included with your product or visit the official PCsensor website. You may also contact customer support through the platform where you purchased the product.
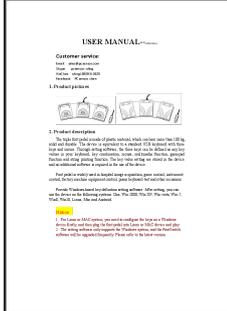
Related Documents - MK321U

[PCsensor Custom Keyboard User Guide and Functionality](#)
Comprehensive guide to the PCsensor Custom Keyboard, detailing setup, mode switching, pairing, and advanced programmable functions including keyboard, mouse, macro, and multimedia controls.

[MK321-Pro Mini Keyboard User Manual - PCSensor](#)

Comprehensive user manual for the PCSensor MK321-Pro, a 3-mode (Bluetooth, 2.4G, USB) customizable mini keyboard. Learn about its features, setup, software configuration, and FCC compliance.

[FS2020 Triple Foot Switch User Manual](#)

User manual for the FS2020 Triple Foot Switch, detailing its general descriptions, product parameters, and instructions for use. This device can be programmed for various key assignments, macros, and shortcuts.

[PCsensor Triple Foot Pedal User Manual and Configuration Guide](#)

Comprehensive user manual for the PCsensor triple foot pedal, covering setup, software configuration for keyboard, mouse, string, multimedia, and gaming functions. Includes installation instructions and system compatibility.

[FS2016BT1_D Bluetooth Foot Switch: Features, Setup, and Operation](#)

Detailed guide to the PCSensor FS2016BT1_D Bluetooth foot switch, covering its functions, product parameters, Bluetooth pairing, software description, and FCC compliance.

[PC Sensor Custom Keyboard User Manual MK321/623/424](#)

User manual for PC Sensor custom keyboards, Series MK321, MK623, and MK424. Covers product introduction, features, connectivity, and function setup.