

Custom keyboard User Manual_v1

For Series MK1225B



Scan QR code for technical support

Please read the manual carefully before using the product.

1. Product Introduction

The Custom Keypad is an HID input device similar to a computer keyboard or mouse. Its output functions can be customized using the accompanying ElfKey software. It is commonly used in medical, industrial, office, and gaming assistance scenarios.

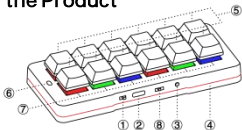
Like other standard HID devices, the Custom Keypad is compatible with phones, tablets, and computers. It supports operating systems including Windows, macOS, Linux, Android, iOS, and HarmonyOS.

The ElfKey software allows you to configure the keypad's output functions. Once configured, the keypad can operate independently of the software. The ElfKey software can be used to reconfigure the device multiple times. Versions are available for Windows and macOS.

Multiple Custom Keypads can be connected to a single computer simultaneously without interfering with standard keyboards or mice. When multiple keypads are connected, please select and configure their output functions one by one within the ElfKey software.

ElfKey Software Download Link: software.pcsensor.com

2. About the Product



(MK1225B)

① OFF/ON: For wireless models, this is the “Power Switch.” OFF turns the device off, ON turns it on.

② Type-C Port: Used for charging and connecting to a computer or other devices.

③ CONNECT Button: Used for wireless pairing. After switching to wireless mode, press and hold to enter pairing mode.

④ Connection Mode LED: Red Light: Bluetooth mode. Green Light: 2.4G mode. Blue Light: USB mode.

LED Effects: Fast Blink (1-second interval): Reconnecting state. Slow Blink (2-second interval): Pairing mode. Connected State: The LED effect for a stable connection can be configured within the ElfKey software.

- ⑤ Function Key: Press to output the pre-saved function assigned to it.
- ⑥ S Button: Keymap Layer Toggle. A single click switches between keymap layers. The factory default has only 1 keymap layer. After adding a 2nd or 3rd layer via software, click the S button to cycle through them. Each layer can be assigned different functions.
- ⑦ Function Key LED: After clicking the S button, this LED indicates the active keymap layer: Red (Layer 1), Green (Layer 2), Blue (Layer 3).
- ⑧ USB/2/BT Switch: Connection Mode Toggle. Switch between USB, 2.4G (2), and Bluetooth modes (BT).

Charging Indicator: Charging: Red running light effect. Fully Charged: The running light stops. A breathing light effect activates. (If the key LED effect has been modified, it may instead show a breathing, blinking, or key-press blinking effect when full).

Note: The ElfKey software can only be used to configure the device's output functions when it is connected to a computer in USB mode.

3. How to Use

3.1 Wired Model: MK1225BU (USB). Wireless Models: MK1225BBT (USB/Bluetooth), MK1225BG (USB/2.4G), MK1225BPro (USB/Bluetooth/2.4G)

3.2 Open software.pcsensor.com , download and install the ElfKey software, then launch it.

3.3 Turn on the Custom Keypad and connect it to your computer using the supplied USB cable. Switch the USB/2/BT toggle to USB mode. The ElfKey software will automatically detect and connect to the device.

3.4 Once the device is connected in ElfKey, follow the on-screen "Setup Wizard" to modify the output functions for the Function Keys.

3.5 Except for the "One-Key Launch" feature (exclusive to the wired model, which requires the ElfKey software to be running), all other configured functions can be used after closing the ElfKey software.

3.6 **Bluetooth Connection (For Pro and Bluetooth models only):** Switch the USB/2/BT toggle to **BT** mode (Bluetooth). Press and hold the CONNECT button for 3-5 seconds. The Connection Mode LED will blink red slowly (2-second interval), indicating pairing mode. On your computer or phone, enable Bluetooth, find and select the Bluetooth name starting with the device model number, then connect. Upon successful connection, the Connection Mode LED will glow solid red for 2 seconds, then switch to a colorful blinking pattern.

3.7 **2.4G Connection (For Pro and 2.4G models only):** Switch the USB/2/BT toggle to **2** mode (2.4G). Plug the included USB receiver into your computer. The connection is automatic. Upon successful connection, the Connection Mode LED will glow solid green for 2 seconds, then switch to a colorful blinking pattern.

Re-pairing the 2.4G Receiver: If re-pairing is needed, with the keypad in 2.4G mode (2), press and hold the CONNECT button for 3-5 seconds. Once the connection light starts blinking green (slow blink), release the button and immediately plug the receiver into your computer. Place the keypad near the receiver, it will pair automatically. A solid green light for 2 seconds followed by colorful blinking indicates successful pairing.

4. Feature Description

4.1 Keyboard & Mouse Function: Simulate any single key, key combination, mouse cursor movement, or scroll wheel action of a standard keyboard or mouse.

4.2 String Function: Outputs a continuous string of letters or symbols, supporting up to 38 characters.

4.3 Multimedia Function: Executes common multimedia commands such as volume up/down, play/pause, and opening file explorer (e.g., "My Computer").

4.4 Macro Function: Allows the configuration of combined keyboard and mouse actions, with the ability to insert delays between actions. Actions can be recorded directly using the software's recording feature.

4.5 One-Key Launch (Wired Model Only): Opens a specified file, folder, or webpage with a single key press. (Note: This function requires the ElfKey software to be running, and is therefore exclusive to the wired model.)

For More Information: Scan the QR code on the first page of this manual.