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› [PCsensor 4 Key Mini Keypad USB Wired & Bluetooth Wireless Keyboard User Manual](#)

PCsensor B0DHG29DW

PCsensor 4 Key Mini Keypad USB Wired & Bluetooth Wireless Keyboard User Manual

1. INTRODUCTION

This manual provides comprehensive instructions for the PCsensor 4 Key Mini Keypad, model B0DHG29DW. It covers product features, setup procedures for both wired USB and Bluetooth wireless connections, key programming, operational guidelines, maintenance, and troubleshooting. Please read this manual thoroughly to ensure proper use and optimal performance of your device.

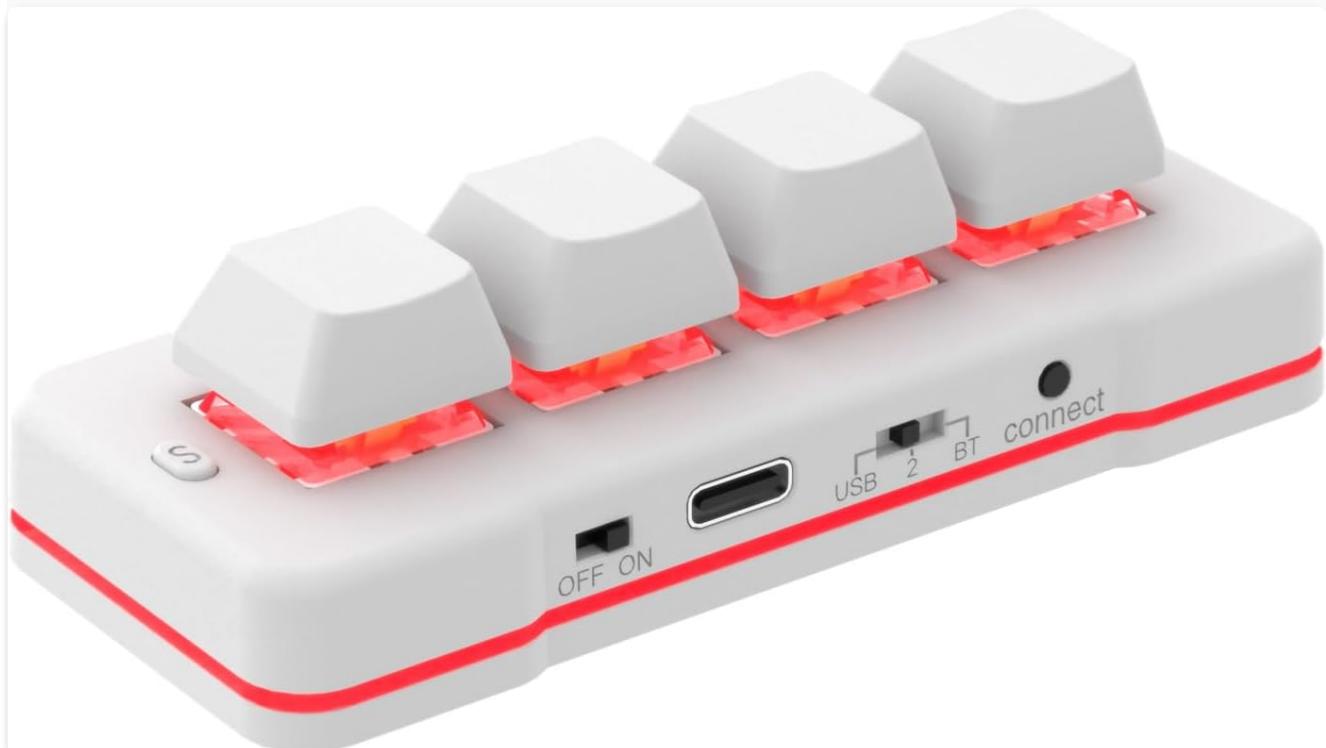


Image 1.1: The PCsensor 4 Key Mini Keypad, showcasing its compact design and illuminated keys.

2. PRODUCT FEATURES

- **Dual Connectivity:** Supports both wired USB and Bluetooth wireless connections for versatile use.
- **Programmable Keys:** Each of the four keys can be configured for various functions including single key

presses, key combinations, hotkeys, shortcuts, mouse actions, multimedia controls, video game commands, and string inputs.

- **Rechargeable Battery:** Equipped with a built-in rechargeable battery, offering extended use on a single charge. An LED indicator signals low battery status.
- **Wide Compatibility:** Configurable on Windows or macOS systems, then usable across multiple operating systems including iOS, Android, Windows, Linux, and Mac.
- **Compact Design:** Small form factor suitable for various applications such as gaming, office work, sheet music page turning, and industrial control.



Image 2.1: The PCsensor 4 Key Mini Keypad available in both black and white variants.

3. SETUP

3.1. Charging the Keypad

The keypad features a rechargeable battery. Before initial use, or when the low battery indicator flashes, connect the keypad to a USB power source using the provided USB-C cable. A full charge typically takes approximately 2 hours and can provide up to 3 months of use, depending on usage patterns.

3.2. Wired USB Connection

1. Ensure the keypad's power switch is in the 'ON' position.
2. Connect the provided USB-C cable to the Type-C Port on the keypad.
3. Connect the other end of the USB cable to an available USB port on your computer.
4. The keypad will be recognized as a standard HID device and is ready for use. In wired mode, the backlight may display a blue light.

3.3. Bluetooth Wireless Connection

1. Ensure the keypad's power switch is in the 'ON' position.

2. Slide the toggle switch to the 'BT' position.
3. Press the 'connect' button (located near the BT switch) to initiate pairing mode. The 'connect mode LED' will indicate pairing status.
4. On your host device (computer, smartphone, tablet), navigate to Bluetooth settings and search for new devices.
5. Select the PCsensor keypad from the list of available devices to pair. The default PIN code for Bluetooth pairing is **1234**.
6. Once paired, the keypad is ready for wireless operation. In Bluetooth mode, the backlight may display a red light.

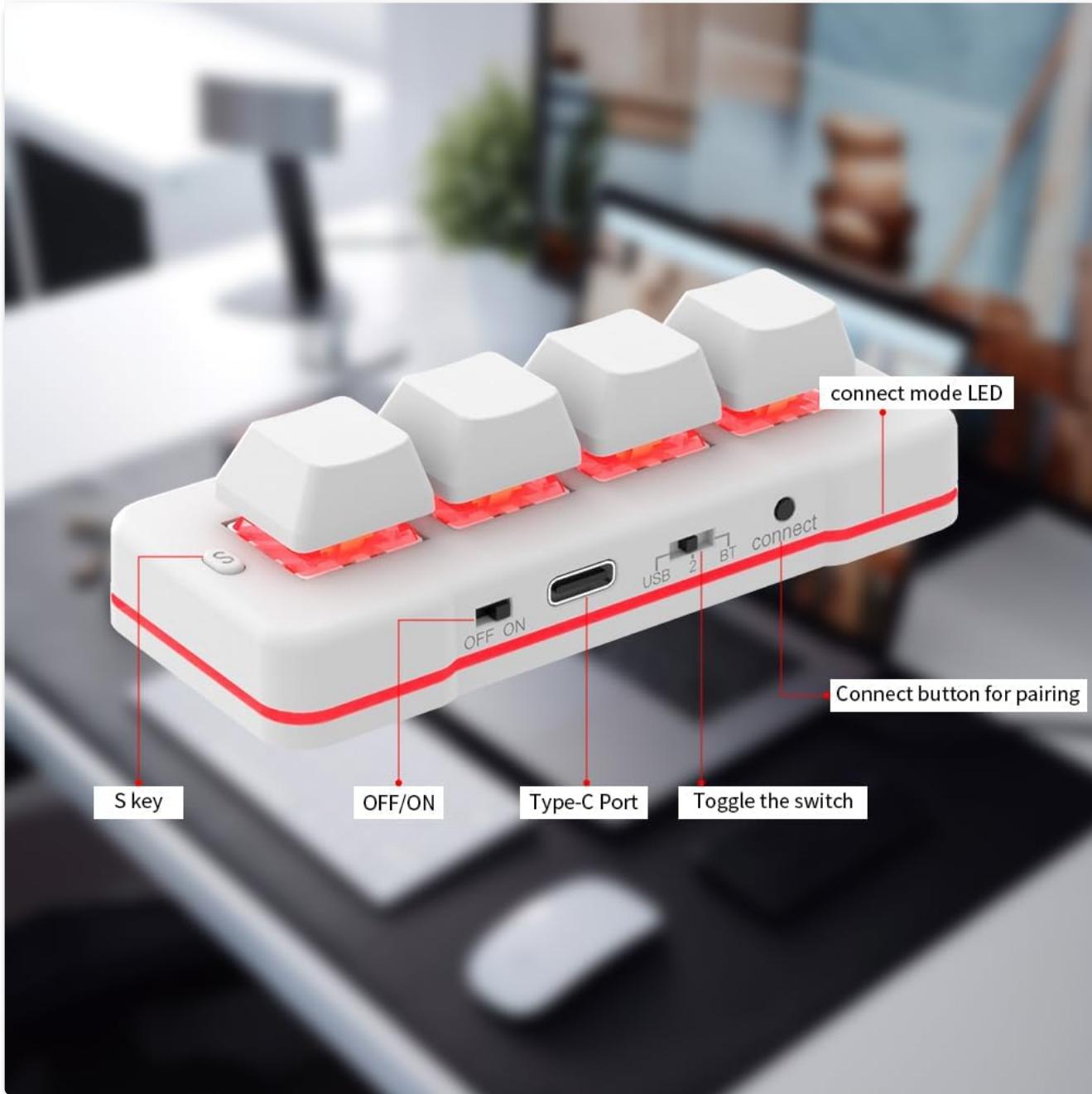


Image 3.1: Labeled components of the keypad, including the S key, OFF/ON switch, Type-C Port, USB/BT toggle switch, connect button, and connect mode LED.

4. OPERATION

4.1. Programming Keys

The PCsensor 4 Key Mini Keypad requires dedicated software for key configuration. This software is typically available for Windows and macOS. Once configured, the settings are stored on the keypad and will function across compatible operating systems without the need for the software to be running.

1. Download and install the programming software from the official PCsensor website.
2. Connect the keypad to your computer via USB.
3. Launch the software. You will see an interface allowing you to assign functions to each of the four keys.
4. Select a key and choose its desired function:
 - **Keyboard Function:** Assign single keys, key combinations (e.g., Ctrl+C), or hotkeys.
 - **Mouse Function:** Assign mouse clicks (left, right, middle), scroll up/down, or mouse movement.
 - **String Input:** Program a sequence of characters or text to be typed with a single press.
 - **Multimedia Control:** Assign functions like play/pause, volume up/down, next/previous track.
 - **Macro Definition:** Create complex sequences of actions.
5. Configure the 'OutMode' for each key (e.g., single output, continuous output while held, retrigger, loop, double trigger).
6. Save your configuration to the keypad. The settings are now stored on the device.

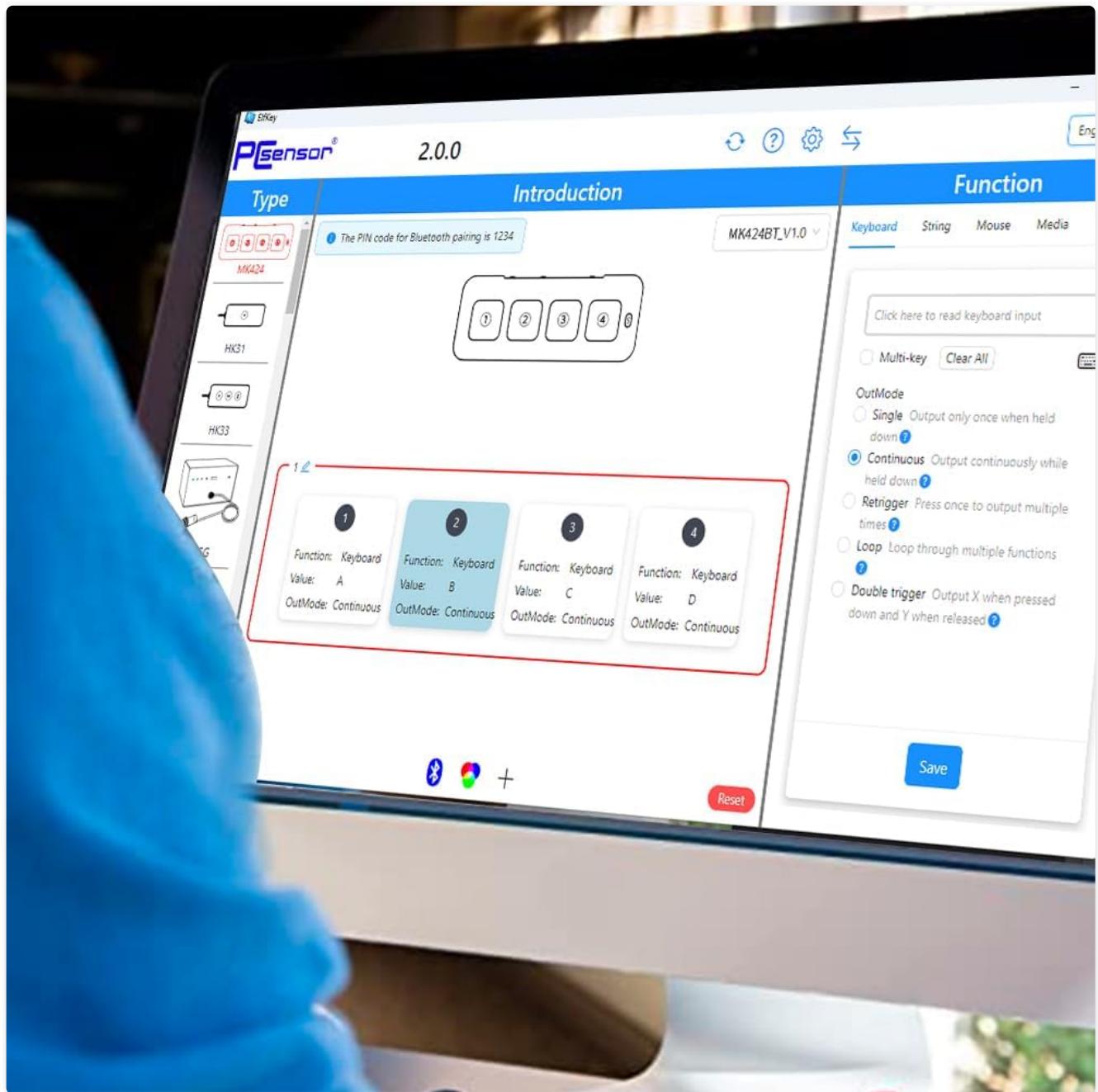


Image 4.1: The PCsensor software interface for programming the keypad's functions.

Product Description

MK424BT is a 4-key wireless mini keypad that allows you to configure the value of each key, you can edit the keys and enable it with different function such as shortcuts, key combo, mouse clicks, string input, multimedia and macro definition.



Image 4.2: A closer look at the software's key configuration section, highlighting different output modes.

4.2. Key Functions and Applications

The programmable nature of the keypad allows for diverse applications:

- **Gaming:** Assign complex in-game actions, macros, or frequently used commands for quick execution.
- **Office Work:** Create shortcuts for common tasks like copy, paste, undo, or launching applications.
- **Multimedia Control:** Easily manage music and video playback, adjust volume, or switch tracks.
- **Sheet Music Page Turner:** Program keys to advance or rewind pages in digital sheet music applications.
- **Specialized Control:** Useful for equipment image capture, factory machine control, or piano keyboard testing.



Multimedia

Plug and play, Volume ±, page turner



Keyboard

Can be programmed to any keys, hotkeys or shortcut keys.



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

Image 4.3: Examples of keypad applications including keyboard functions, multimedia control, video games, medical equipment image collection, and string/mouse functions.

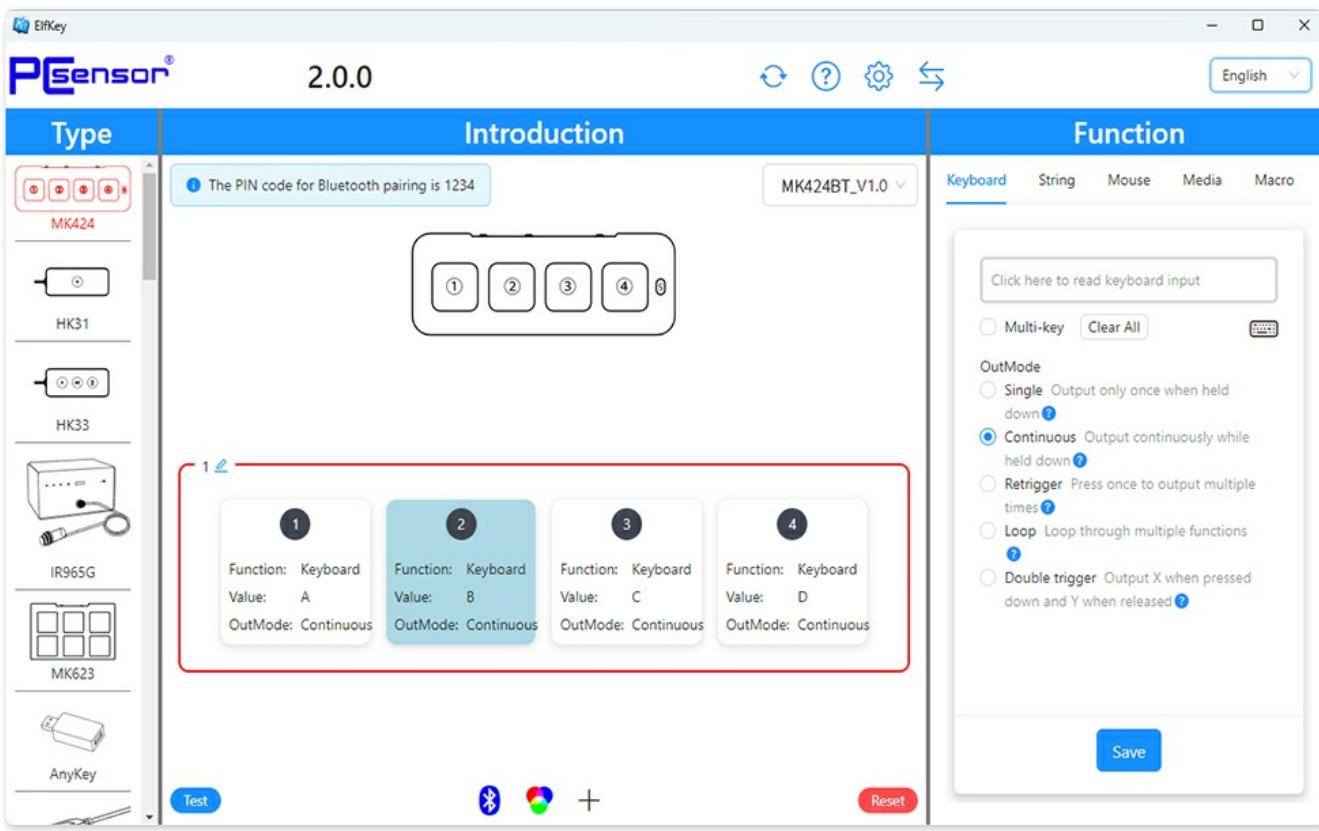


Image 4.4: The keypad being used in a gaming scenario with a laptop, demonstrating its utility for quick actions.

4.3. Compatibility

The PCsensor 4 Key Mini Keypad is designed as a Human Interface Device (HID). Once configured on a Windows or macOS system, its programmed functions are stored internally and can be used with a wide range of devices and operating systems without requiring driver installation or software to be running on the target device. Compatible operating systems include:

- Windows (all versions)
- macOS
- Linux
- Android
- iOS

SYSTEM COMPATIBLE



Windows



macOS



Android



Linux

Once finishing configuration on Windows or Mac system, it can be used in various devices including iOS, Android, Windows ALL, Linux, Mac.



Image 4.5: Visual representation of the keypad's broad operating system compatibility.

5. MAINTENANCE

5.1. Battery Care

To prolong battery life, avoid fully discharging the keypad frequently. Recharge the device when the low battery indicator appears. If storing the keypad for an extended period, ensure it has a partial charge (around 50%) and recharge it every few months.

5.2. Cleaning

Use a soft, dry cloth to clean the exterior of the keypad. For stubborn dirt, a slightly damp cloth with mild soap can be used, ensuring no moisture enters the device. Avoid using harsh chemicals or abrasive materials.

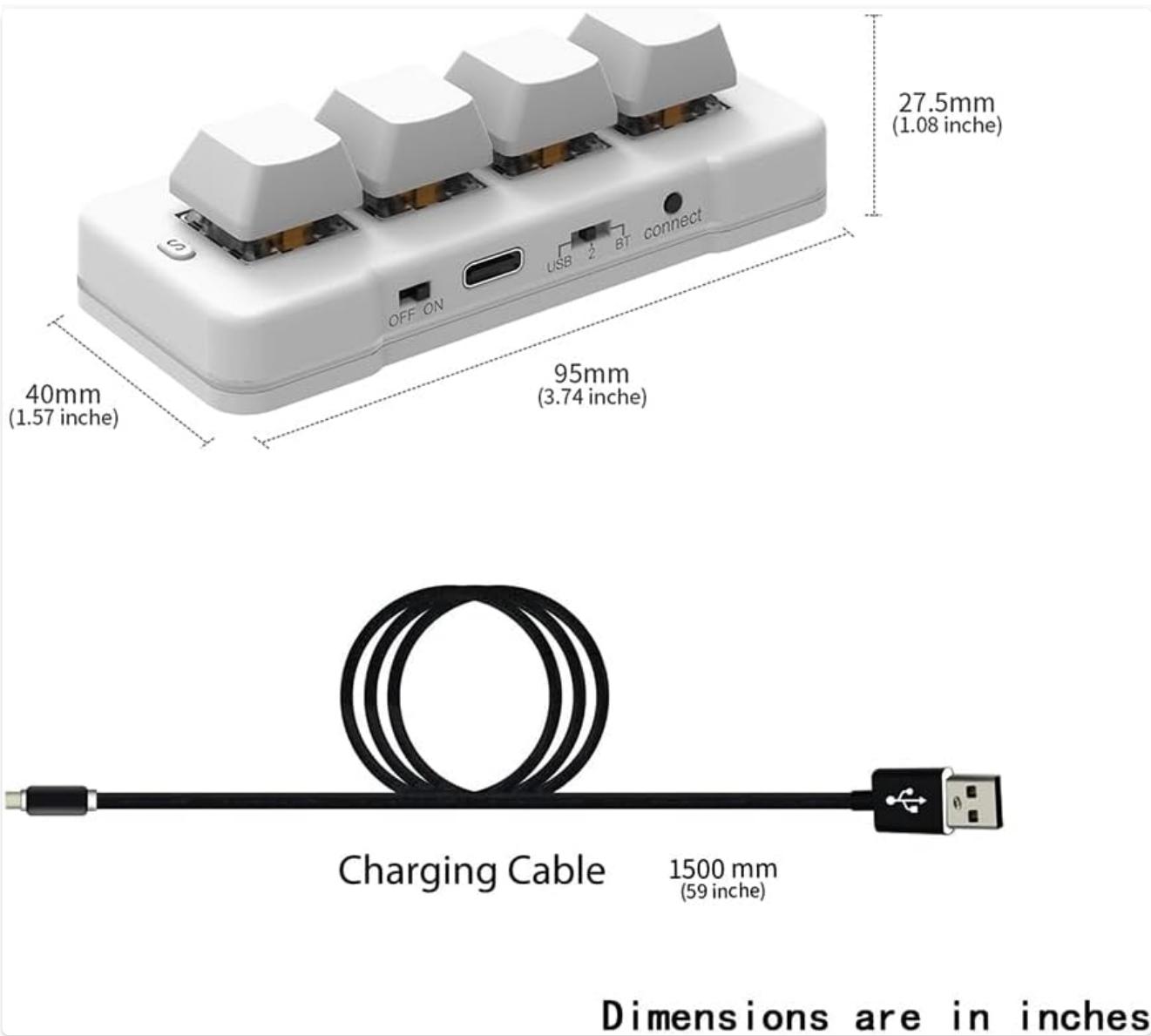
6. TROUBLESHOOTING

- **Keypad not powering on:** Ensure the power switch is in the 'ON' position and the battery is charged. Connect via USB to check if it powers on.
- **Wired connection not recognized:** Try a different USB port or cable. Ensure the cable is fully inserted.
- **Bluetooth pairing issues:** Ensure the keypad is in pairing mode (connect button pressed, BT switch engaged). Check your device's Bluetooth settings and try re-scanning. Ensure the keypad is sufficiently charged.

- **Keys not performing programmed functions:** Reconnect the keypad to the programming software and verify the key assignments. Ensure the configuration was saved to the device.
- **Intermittent connection:** For wireless mode, ensure the keypad is within range of the host device and there are no significant obstructions. For wired mode, check the USB cable and port for damage.

7. SPECIFICATIONS

Feature	Detail
Model	B0DHHG29DW
Connectivity Technology	Bluetooth, USB-C
Number of Keys	4
Battery Type	1 Lithium Metal battery (included)
Item Weight	3.2 ounces (approx. 90.7 grams)
Package Dimensions	2 x 1.2 x 1 inches (approx. 5.08 x 3.05 x 2.54 cm)
Manufacturer	PCsensor
Compatible OS Family	Windows, macOS, Linux, Android, iOS
Special Feature	Programmable Keys



Dimensions are in inches

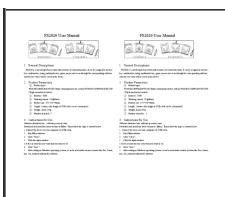
Image 7.1: Physical dimensions of the keypad and the length of the charging cable.

8. WARRANTY AND SUPPORT

PCsensor provides lifetime technical support and 24/7 service for its products. All PCsensor products have obtained relevant certifications, ensuring quality and reliability. For technical assistance or warranty inquiries, please contact PCsensor customer service through their official channels or the retailer where the product was purchased.

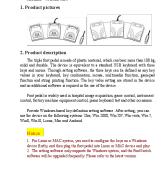
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Related Documents - B0DHHG29DW



[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.

	<p>PCsensor Custom Keyboard User Guide and Functionality</p> <p>Comprehensive guide to the PCsensor Custom Keyboard, detailing setup, mode switching, pairing, and advanced programmable functions including keyboard, mouse, macro, and multimedia controls.</p>
	<p>PCsensor Triple Foot Pedal User Manual and Configuration Guide</p> <p>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.</p>
	<p>MK321-Pro Mini Keyboard User Manual - PCSensor</p> <p>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.</p>
	<p>PCsensor Temperature Data Logger User Manual</p> <p>User manual for the PCsensor temperature data logger, detailing how to use it with or without software, including functions like logging, curve display, email alerts, and remote data viewing.</p>
	<p>FS2016BT1_D Bluetooth Foot Switch: Features, Setup, and Operation</p> <p>Detailed guide to the PCsensor FS2016BT1_D Bluetooth foot switch, covering its functions, product parameters, Bluetooth pairing, software description, and FCC compliance.</p>