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› Serounder 6 Key One-Handed Programmable Keypad User Manual (Model: Serounderth6gxzei8k)

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Serounder 6 Key One-Handed Programmable Keypad User Manual

Model: Serounderth6gxzei8k

Brand: Serounder

1. INTRODUCTION

This manual provides comprehensive instructions for the Serounder 6 Key One-Handed Programmable Keypad. This compact mechanical keypad offers versatile functionality with three connection modes: Bluetooth, 2.4G wireless, and USB wired. It is designed for various applications, including gaming, programming, and office tasks, allowing users to customize keys and create macros using the ElfKey software.



Figure 1: A general view of the Serounder 6 Key One-Handed Programmable Keypad, showcasing its compact design and six mechanical keys.

2. PACKAGE CONTENTS

Please check the package for the following items:

- Serounder 6 Key One-Handed Programmable Keypad
- USB Charging Cable
- 2.4G Wireless Receiver
- User Manual (this document)

3. PRODUCT OVERVIEW

The Serounder 6 Key Keypad features durable blue mechanical switches for tactile feedback. It includes a power switch, a USB Type-C port for charging and wired connection, and a 'connect' button for pairing in wireless modes. The keypad also has indicator LEDs for connection status and key groups.

Customized 6 Key Keyboard

(1) OFF/ON: Power Switch for BT & 2.4G Modes.

(2) USB Port: Type-C Cable Connection.

- For Charging Mode: LED <Flash>.

- Click the <Connect> Key:

LED <Blue> - Switch to USB Mode -
Modify the key value using elfkey or
use it as a USB Wired keyboard.

(3) Connect Mode: USB, BT, 2.4G.

(4) Connect Mode LED:

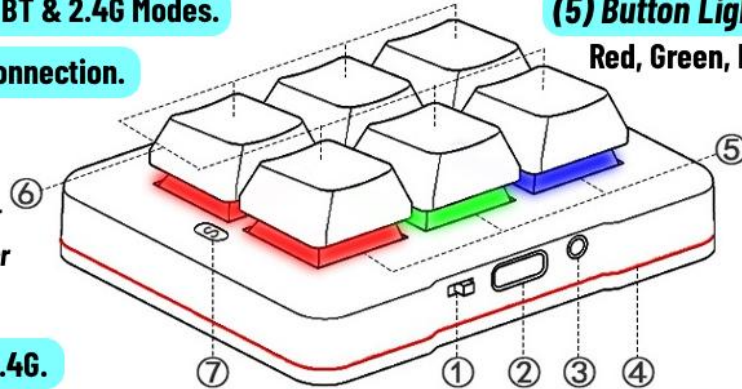
Red - Bluetooth Mode;

Green - 2.4G Mode;

Blue - USB Mode.

(5) Button Lights:

Red, Green, Blue.



(6) Shortcut Keys:
Set Keys via USB - Press to Perform a Function.

(7) S Key:

Click to Switch Groups; Each Group can have a Different Key Value.

Figure 2: A comprehensive diagram of the customized 6-key keyboard, labeling its components and explaining their functions.

1. **OFF/ON Switch:** Power switch for Bluetooth and 2.4G wireless modes.
2. **USB Port:** Type-C cable connection for charging and wired mode. When connected via USB, the LED flashes during charging.
3. **Connect Mode Button:** Press to cycle between USB, Bluetooth, and 2.4G connection modes.
4. **Connect Mode LED:** Indicates the current connection mode (Red for Bluetooth, Green for 2.4G, Blue for USB).
5. **Button Lights:** Indicate the active key group (1 group, 2 groups, 3 groups).
6. **Shortcut Keys:** Keys whose functions are set via USB connection using the ElfKey software.
7. **S Key:** Used to switch between different key groups. Each group can have a different set of key values.



Figure 3: Detailed view of the keypad's side, featuring the power switch, USB Type-C port, and 'connect' button.

4. SETUP AND CONNECTION

4.1 Charging the Keypad

Connect the keypad to a USB power source using the provided USB Type-C cable. The LED indicator will flash during charging.

4.2 Connection Modes

The keypad supports three connection modes: Bluetooth, 2.4G wireless, and USB wired. Use the 'Connect Mode Button' (3) to switch between them.

Multiple connection modes



Pairing Mode

Turn on the power switch, press the connect key LED is red, the computer, cell phone, etc. will be able to search for the customized keyboard, pairing, and then complete the connection



2.4G Mode

2.4G Turn on the power switch, press the connect key LED is green, the computer needs to be plugged into the 2.4G wireless interface, and then you can complete the connection with the customized



USB Mode

USB connected to the computer, press the connect button LED is blue, the computer will automatically recognize the device, no need to reset the key value.

Figure 4: Visual guide explaining the steps for connecting the keypad via Bluetooth, 2.4G wireless, and USB wired modes.

4.2.1 Bluetooth Pairing Mode

1. Turn on the power switch (1).
2. Press the 'Connect Mode Button' (3) until the 'Connect Mode LED' (4) turns **Red**.
3. On your computer or device, search for Bluetooth devices and select the customized keyboard to complete the connection.

4.2.2 2.4G Wireless Mode

1. Turn on the power switch (1).
2. Press the 'Connect Mode Button' (3) until the 'Connect Mode LED' (4) turns **Green**.
3. Plug the 2.4G wireless receiver into a USB port on your computer. The connection will be established automatically.

4.2.3 USB Wired Mode

1. Connect the keypad to your computer using the USB Type-C cable.
2. Press the 'Connect Mode Button' (3) until the 'Connect Mode LED' (4) turns **Blue**.
3. The computer will automatically recognize the device. No driver installation is required for basic

functionality.

Plug and play, easy to operate

No driver required, data cable connection, set up the function software and save it, then it can be operated



Figure 5: The 6-key keypad connected to a laptop, illustrating its ease of use with plug-and-play functionality and the ElfKey software interface on screen.

5. OPERATING INSTRUCTIONS

5.1 Key Customization with ElfKey Software

The Serounder keypad is fully programmable using the intuitive ElfKey software. This software allows you to assign various functions to each of the six keys, create complex macros, and adjust input strings.

Arbitrary setting of various keys

5 commonly used function settings, convenient and quick



Figure 6: Illustration detailing the five primary function types that can be assigned to each key using the ElfKey software.

The ElfKey software supports the following function types:

- **Mouse Function:** Assign mouse clicks, scroll, or movement.
- **Keyboard Function:** Assign single key presses or combinations (e.g., Ctrl+C).
- **Macro Definition Function:** Record and assign a sequence of keystrokes and mouse actions.
- **Combo Function:** Assign predefined key combinations.
- **Multimedia Function:** Control media playback (e.g., play/pause, volume up/down).

To customize keys:

1. Download and install the ElfKey software from the official Serounder website.
2. Connect the keypad to your computer via USB wired mode.
3. Launch the ElfKey software.
4. Select the key you wish to program and choose the desired function type.
5. Configure the function (e.g., record a macro, select a key combination).
6. Save your settings to the keypad. The changes will be stored on the keypad's internal memory and will work across all connection modes.

5.2 Switching Key Groups

The keypad supports multiple key groups, allowing you to have different functions assigned to the same physical keys. Use the 'S' key (7) to cycle through these groups. The 'Button Lights' (5) will indicate which

group is currently active.

6 Key Macro Programmable Keyboard

- Supports keyboard, mouse, multimedia, string input, gaming, and macro functions, offering a wide range of uses.



Figure 7: This image emphasizes the keypad's macro programming capabilities and features a close-up of the blue mechanical switch, known for its crisp sound and comfortable feel.



Figure 8: An image showcasing the keypad's features including Type-C connectivity, blue mechanical switches, 1.5-meter cord length, plug-and-play functionality, and compatibility across laptops, PCs, tablets, and phones.

6. SPECIFICATIONS

Feature	Specification
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Brand	Serounder
Model Number	Serounderth6gxzei8k
Number of Keys	6
Switch Type	Blue Mechanical Switches (Clicky)
Connectivity Technology	Bluetooth, 2.4GHz Wireless, USB Wired
Compatible Devices	Laptop, PC, Tablet, Phone (MacOS compatible)
Product Dimensions (L x W x H)	2.95" x 2.95" x 0.98" (75mm x 70mm x 25mm)
Item Weight	105 Grams
Material	Acrylonitrile Butadiene Styrene (ABS)
Power Source	Battery Powered, USB Powered
Included Components	Charging Cable, 2.4G Receiver

7. TROUBLESHOOTING

If you encounter issues with your Serounder 6 Key Keypad, please refer to the following common solutions:

- **Keypad not responding:**
 - Ensure the keypad is charged. Connect it via USB cable to charge.
 - Check the power switch (1) is in the 'ON' position for wireless modes.
 - Verify the correct connection mode is selected (Bluetooth, 2.4G, or USB) using the 'Connect Mode Button' (3) and observing the 'Connect Mode LED' (4).
 - For 2.4G mode, ensure the receiver is securely plugged into a USB port.
 - For Bluetooth mode, ensure the keypad is paired correctly in your device's Bluetooth settings.
- **Customized functions not working:**
 - Ensure the keypad was connected via USB when programming with ElfKey software.
 - Verify that the settings were saved to the keypad after customization.
 - Check if you are in the correct key group using the 'S' key (7).
- **Intermittent connection:**
 - Move the keypad closer to your device or 2.4G receiver to reduce interference.
 - Ensure there are no large metal objects or other wireless devices causing interference.
 - Try connecting via USB wired mode to rule out wireless issues.

8. MAINTENANCE

To ensure the longevity and optimal performance of your Serounder 6 Key Keypad, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to wipe the surface of the keypad. For stubborn dirt, a slightly damp cloth can be used, but ensure no moisture enters the key switches or ports.

- **Avoid Liquids:** Do not expose the keypad to water or other liquids. Liquid damage is not covered under warranty.
- **Storage:** Store the keypad in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Avoid dropping the keypad or subjecting it to strong impacts, as this can damage internal components or mechanical switches.

9. WARRANTY AND SUPPORT

The Serounder 6 Key One-Handed Programmable Keypad comes with a **90-day manufacturer warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use.

The warranty does not cover:

- Damage caused by accident, abuse, misuse, flood, fire, earthquake, or other external causes.
- Damage caused by operating the product outside the permitted or intended uses described by Serounder.
- Damage caused by service (including upgrades and expansions) performed by anyone who is not a representative of Serounder.

For warranty claims or technical support, please contact Serounder customer service through the retailer where the product was purchased or visit the official Serounder website for contact information.