BRIMFORD B0CYH5F771

BRIMFORD 12-Key 2-Knob Mini Macro Programmable Keypad User Manual

Model: B0CYH5F771

1. Introduction

This manual provides detailed instructions for the BRIMFORD 12-Key 2-Knob Mini Macro Programmable Keypad. It covers product features, setup procedures, operational guidelines, maintenance, and troubleshooting to ensure optimal performance and user experience. Please read this manual thoroughly before using the device.

2. Product Overview

The BRIMFORD Mini Macro Keypad is a versatile, customizable input device designed for various applications including office work, gaming, and programming. It features 12 programmable keys and 2 multi-functional knobs, offering enhanced control and efficiency.

2.1 Key Components



This image illustrates the main components of the keypad, including the two rotary knobs, the 12 programmable keys (K1-K12), the USB-C port for wired connection and charging, the Bluetooth link switch for wireless pairing, the layer switching button, and the anti-slip pads on the base.

2.2 Features

- **3 Modes Connection:** Supports 2.4G wireless (via receiver), Bluetooth 5.0, and USB-C wired connection.
- **Long Battery Life:** Equipped with a 1200mAh battery, providing approximately 2 weeks of use on a full charge. A green light indicates a fully charged battery.
- **Programmable Knobs:** Each knob can be turned left, right, and pressed to control functions such as volume adjustment (increase/decrease/mute), media playback (previous/next song, pause/play), and more.
- **Customizable Keys:** All 12 keys are fully programmable for single keystrokes, macros, and other functions.
- **3 Customizable Layers:** The keypad supports three functional layers, allowing for multiple configurations saved directly on the device.
- **Hot-Swappable Design:** Keycaps and key switches can be easily changed to customize the keypad's feel and appearance.

- **RGB Lighting:** Features customizable RGB backlighting with 7 color options and 2 modes (gradient or light-up on key press).



This image highlights the core features of the keypad, including its 12-key and 2-knob layout, the ability to switch between 3 customizable layers, vibrant RGB lighting, the mechanical design with hot-swappable switches, the power indicator, the USB-C charging port, and the non-slip base.

3. Setup Instructions

3.1 Connecting the Keypad

The keypad offers three connection methods:

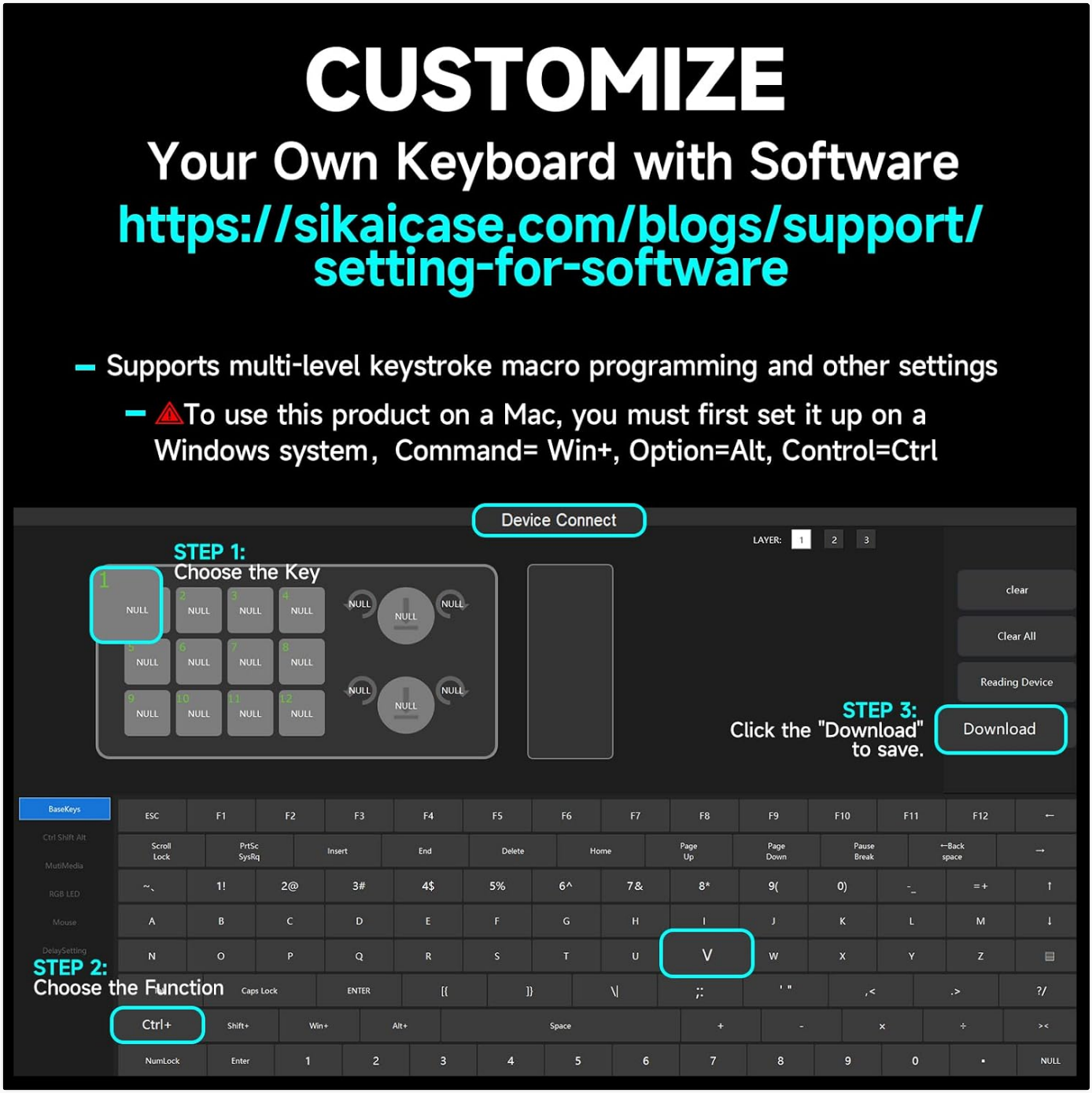
1. **USB-C Wired Connection:** Connect the keypad directly to your computer using the provided USB-C cable. The device will be recognized automatically.
2. **2.4G Wireless Connection:** Insert the 2.4G receiver into a USB port on your computer. Turn on the Bluetooth link switch on the side of the keypad. The keypad should connect automatically.

3. **Bluetooth 5.0 Connection:** Turn on the Bluetooth link switch on the side of the keypad. On your computer or device, search for Bluetooth devices and select the keypad to pair.

3.2 Software Installation and Programming

To customize the keypad's functions, you need to use the dedicated programming software. The software is primarily designed for Windows systems.

- **Download Software:** Access the programming software from the official website: https://sikaicase.com/blogs/news/before-software-setting
- **Windows Compatibility:** The software is compatible with Windows 7 and above.
- **Mac OS Users:** If you intend to use the keypad with a Mac OS device, you must perform the initial programming and setup on a Windows computer using the USB-C cable. Once programmed, the settings are stored on the keypad's onboard memory, allowing it to function as configured on Mac OS.



This image displays the user interface of the programming software. It guides users through selecting a key, assigning a function (including multi-level keystroke macros), and saving the configuration to the device. A crucial note for Mac users is highlighted, indicating that initial setup must be done on a Windows system.

4. Operating Instructions

4.1 Key Programming

Each of the 12 keys can be assigned various functions:

- **Single Keystrokes:** Assign any standard keyboard key.
- **Macro Functions:** Program sequences of keystrokes or commands. The software supports multi-level macro programming.
- **Mouse Actions:** Assign mouse clicks or movements.

Refer to the software interface (Section 3.2) for detailed steps on programming keys. Remember to click 'Download' or 'Save' within the software to apply changes to the keypad.



This image provides visual examples of the types of macro functions that can be assigned to the keys, ranging from simple key combinations like Ctrl+C to complex sequences or even passwords.

4.2 Knob Functions

The two rotary knobs offer versatile control:

- **Rotate Left/Right:** Typically used for volume increase/decrease, scrolling, or navigating through items.
- **Press Down:** Can be assigned functions like mute, play/pause, or confirming selections.

The specific functions of the knobs are configurable via the programming software.

4.3 Layer Switching

The keypad supports 3 customizable functional layers. These layers allow you to store different sets of key and knob assignments, effectively tripling the number of available functions without reprogramming. Use the 'Layer switching button' located on the side of the keypad to cycle through the layers.



This image demonstrates the concept of 3-layer custom configurations, highlighting the internal mechanical switches and suggesting how different layouts can be saved for various operating systems or applications.

4.4 RGB Lighting

The keypad features customizable RGB backlighting. You can select from 7 different colors and 2 lighting modes (gradient or light-up on key press). Mode 0 typically refers to the OFF state for lighting. Adjust lighting settings through the programming software.



This image displays the keypad with its keys illuminated in various RGB colors, showcasing the customization options for the backlighting.

4.5 Hot-Swappable Design

The hot-swappable design allows users to easily change keycaps and mechanical switches without soldering. This feature enables personalization of the typing feel and aesthetic of the keypad.

5. Maintenance

To ensure the longevity and optimal performance of your BRIMFORD Mini Macro 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, ensuring no liquid enters the device. Avoid harsh chemicals or abrasive materials.

- **Dust Removal:** Use compressed air to remove dust and debris from between the keys and around the knobs.
- **Storage:** Store the keypad in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** For optimal battery life, avoid fully discharging the keypad frequently. Charge the battery when the indicator light suggests low power.

6. Troubleshooting

- **Keypad Not Responding:**
  - Ensure the USB-C cable is securely connected or the wireless receiver is properly inserted.
  - Check the Bluetooth link switch is in the correct position for your chosen connection method.
  - Verify the keypad battery is charged.
  - Restart your computer and try reconnecting.
- **Keys Not Performing Assigned Functions:**
  - Ensure you have saved your programming changes in the software by clicking 'Download' or 'Save'.
  - Check if you are on the correct functional layer. Use the layer switching button to cycle through layers.
  - For Mac users, confirm that the programming was done on a Windows system as required.
- **Bluetooth Connection Issues:**
  - Ensure Bluetooth is enabled on your computer/device.
  - Remove the keypad from your device's Bluetooth list and attempt to re-pair.
  - Ensure no other devices are interfering with the Bluetooth signal.
- **Software Not Detecting Keypad:**
  - Ensure the keypad is connected via USB-C cable when using the programming software.
  - Try a different USB port.
  - Reinstall the programming software.

7. Specifications

Feature	Detail
Brand	BRIMFORD
Model Number	B0CYH5F771
Color	Black
Keys	12 Programmable Keys
Knobs	2 Programmable Rotary Knobs
Connection Technology	USB-C, 2.4G Wireless, Bluetooth 5.0
Operating System Compatibility	Windows 7/10/Vista and above, Mac OS, Android, iOS (programming on Windows required for Mac/Android/iOS)

Feature	Detail
Battery Capacity	1200mAh
Special Features	Hot-Swappable, Lightweight, Programmable Keys, Volume Roller, RGB Backlighting
Material	Plastic
Recommended Uses	Education, Gaming, Office, Programming

8. Warranty and Support

8.1 Warranty Information

Please refer to the product packaging or the retailer's website for specific warranty terms and conditions. Typically, BRIMFORD products come with a limited warranty covering manufacturing defects from the date of purchase.

8.2 Customer Support

For technical assistance, troubleshooting, or any inquiries regarding your BRIMFORD Mini Macro Keypad, please contact the retailer or visit the BRIMFORD official support channels. Ensure you have your product model number (B0CYH5F771) and proof of purchase available when seeking support.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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