BRIMFORD 9Key Wired

BRIMFORD USB Mini Macro Mechanical Gaming Keyboard (9Key Wired)

Instruction Manual

1. Introduction

This manual provides comprehensive instructions for the BRIMFORD USB Mini Macro Mechanical Gaming Keyboard (9Key Wired). This compact and versatile keypad is designed to enhance productivity and gaming experiences through customizable key functions, macro support, and intuitive knob controls. It features a 9-key layout with 3 programmable knobs and RGB backlighting.
Please read this manual thoroughly before using the product to ensure proper setup and operation.

2. Product Overview

The BRIMFORD 9Key Wired Macro Mechanical Gaming Keyboard is a highly customizable input device. It allows users to program standard key functions, create shortcut keys, and implement complex one-key combinations. The three integrated knobs offer versatile control for multimedia, application functions, and more.

Key Features:

- **9 Programmable Keys:** Each key can be assigned various functions, including macros up to 18 characters.
- **3 Multi-functional Knobs:** Control volume, brush size, switch modes, and other functions. Knobs can also be pressed as buttons.
- **RGB LED Backlighting:** Customizable lighting with 7 color options and 5 modes.
- **Hot-Swappable Switches:** Easily replace keycaps and switches (Outemu Red Switches included).
- **USB-C Connectivity:** Reliable wired connection.
- **System Compatibility:** Compatible with Windows, VISTA, Linux, and Mac (configuration requires Windows).



Figure 2.1: BRIMFORD 9Key Wired Macro Mechanical Gaming Keyboard.



Figure 2.2: Detailed view of the 9-key layout and 3 multi-functional knobs.



Figure 2.3: The macro keyboard connected and illuminated.

3. Setup

3.1 Package Contents

Verify that your package contains the following items:

- 9Key KeyPad x 1
- USB-C Cable x 1
- Instruction Manual x 1

3.2 Connecting the Keyboard

Connect the provided USB-C cable to the port on the macro keyboard and then to an available USB port on your computer. The keyboard is plug-and-play for basic functionality on supported operating systems.

3.3 Software Installation and Configuration

To unlock the full customization capabilities of your BRIMFORD macro keyboard, software configuration is required. **Note: The keyboard function can only be configured under a Windows operating system. Once configured, the settings are stored in the keyboard's memory and can be used directly on Mac, Linux, or other compatible systems without further software.**

1. **Download Software:** Visit the official support page to download the configuration software: https://sikaicase.com/blogs/support/setting-for-software
2. **Unzip the File:** After downloading, extract the contents of the compressed file.
3. **Run the Program:** Launch the application from the unzipped folder.
4. **Connect Device:** Ensure your macro keyboard is connected via USB-C. The software should detect the device.
5. **Configure Settings:** Use the software interface to program keys, assign knob functions, and customize RGB lighting.
6. **Download to Device:** After making your desired changes, click the "Download" or "Apply" button within the software to save the configuration to the keyboard's internal memory.

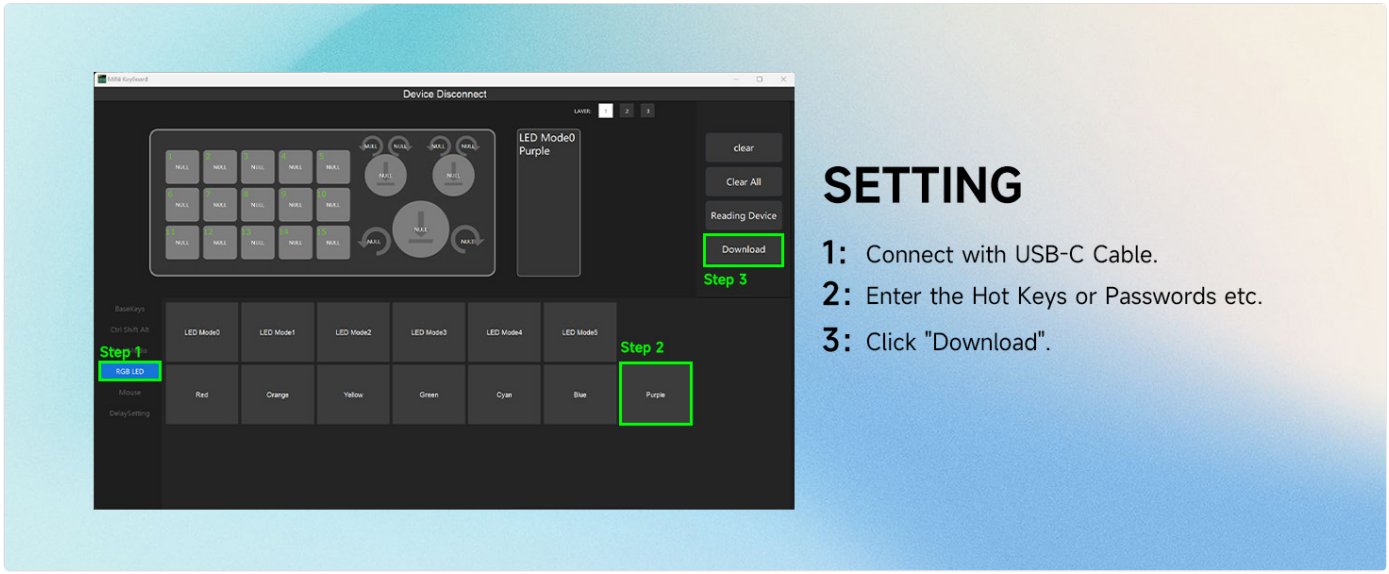


Figure 3.1: Software interface for key programming.

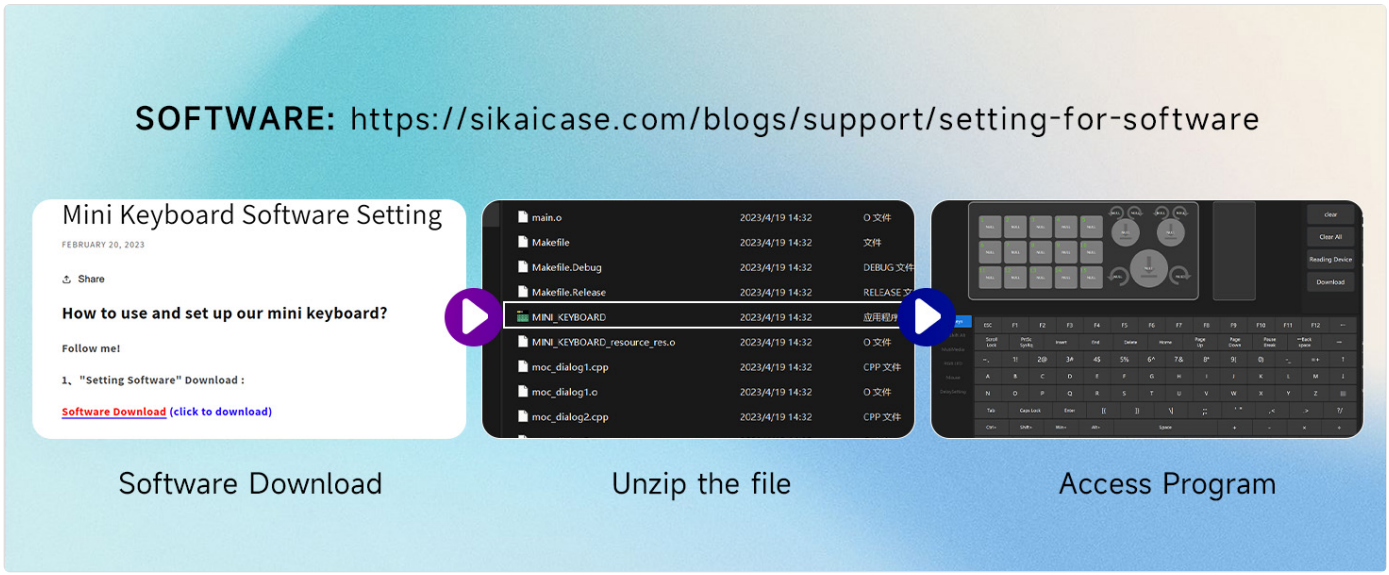


Figure 3.2: Connecting the USB-C cable.



Figure 3.3: Example desk setup with the macro keyboard.

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Video 3.1: An overview of the BRIMFORD One-Handed Macro Mechanical Keyboard, demonstrating its features and customization options.

4. Operation

4.1 Key Programming

Each of the 9 keys can be programmed with a single function, a shortcut, or a complex macro. The new version of the software supports entering up to 18 characters per key, allowing for quick input of frequently used text strings like phone numbers, IDs, or email addresses.

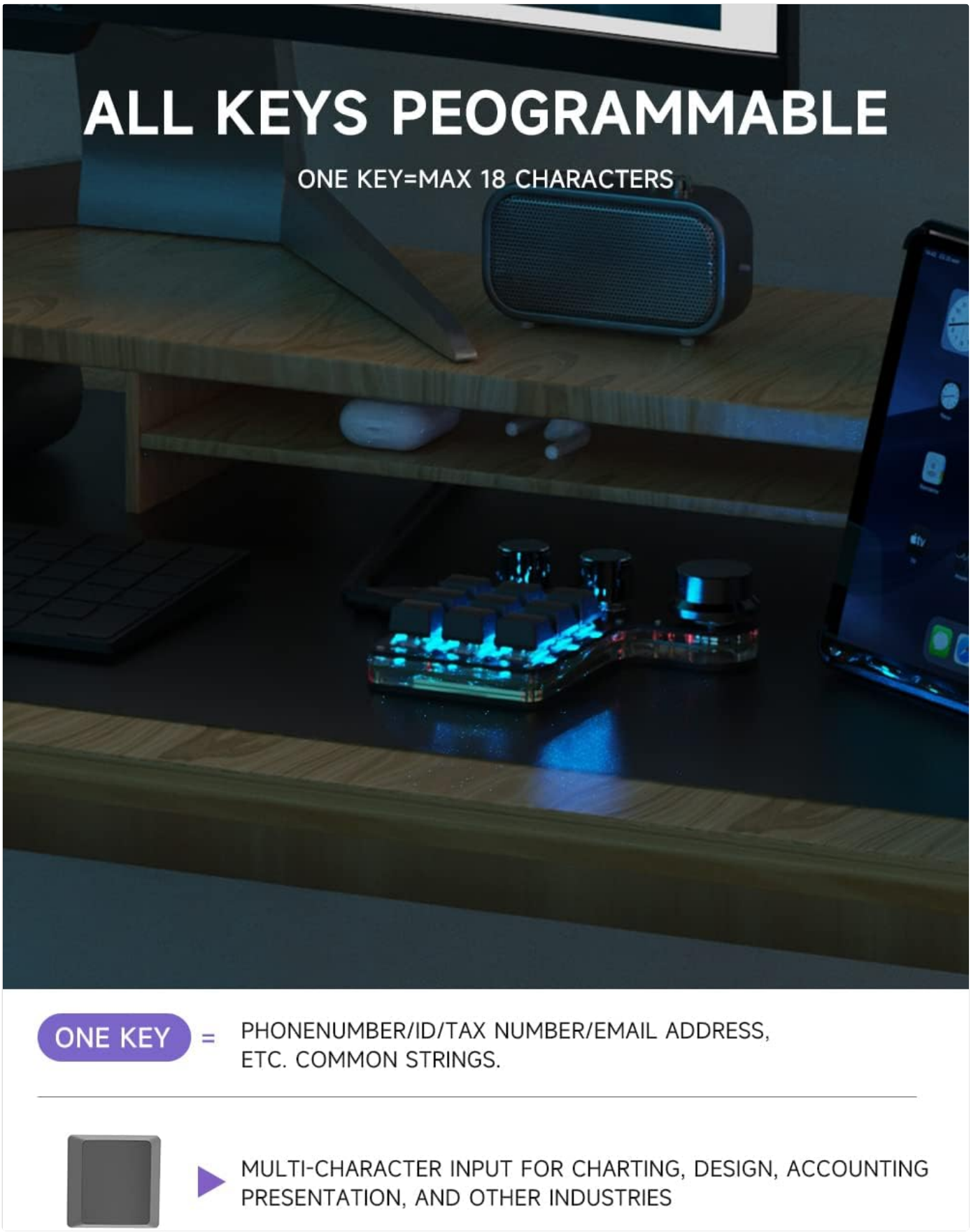


Figure 4.1: All keys are programmable for various inputs.

4.2 Knob Functions

The three knobs are highly versatile. They can be rotated to adjust values (e.g., volume, brush size in design software) and also pressed as buttons to trigger specific actions (e.g., play/pause, next/previous track). These functions are configured via the software.

- **Rotation:** Adjusts parameters like volume, screen brightness, or brush size.
- **Press:** Triggers actions such as play/pause, mute, or switching modes.



Figure 4.2: Multi-functional knob operation.

4.3 RGB Lighting Customization

The keyboard features customizable RGB backlighting. Using the configuration software, you can select from 7 different colors and 5 lighting modes. Lights can also be turned off if preferred.



Figure 4.3: Customizing RGB lighting effects.

5. Maintenance

5.1 Cleaning

To clean your macro keyboard, disconnect it from your computer. Use a soft, dry cloth to wipe down the surface. For deeper cleaning, a slightly damp cloth with mild soap can be used, ensuring no liquid enters the key switches or internal components. Avoid abrasive cleaners or solvents.

5.2 Keycap and Switch Replacement (Hot-Swap)

The BRIMFORD macro keyboard supports hot-swappable switches, allowing for easy replacement of keycaps and switches without soldering. This feature enables personalization and extends the lifespan of your device.

1. **Remove Keycap:** Use a keycap puller (not included) to gently remove the desired keycap.
2. **Remove Switch:** Use a switch puller (not included) to carefully extract the switch from its socket.

3. **Insert New Switch:** Align the pins of the new switch with the holes in the PCB and press firmly until it clicks into place. Ensure pins are not bent.
4. **Attach New Keycap:** Place the new keycap onto the switch stem and press down gently.

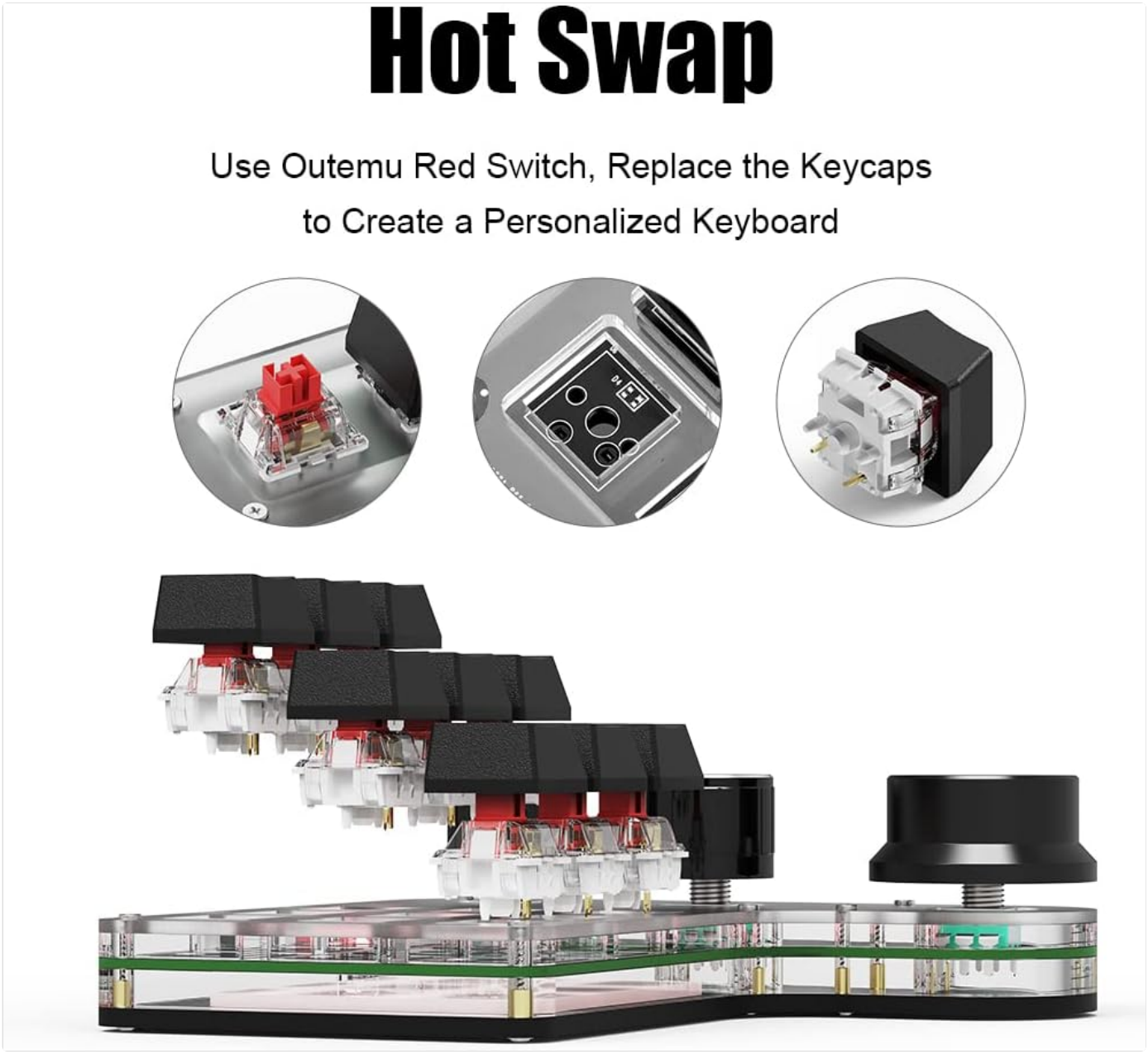


Figure 5.1: Hot-swappable key switches for easy customization and replacement.

6. Troubleshooting

- **Keyboard not recognized:**
  Ensure the USB-C cable is securely connected to both the keyboard and your computer. Try a different USB port or cable. Restart your computer.
- **Keys or knobs not responding after programming:**
  After making changes in the software, ensure you click the "Download" or "Apply" button to save the configuration to the device. If issues persist, try re-downloading the configuration.
- **Software issues or difficulty programming:**
  The configuration software may require specific system permissions. Ensure you are running it on a Windows system. If you encounter persistent difficulties, please refer to the support section for contact information.
- **RGB lights not working:**

Check the RGB settings in the configuration software. Ensure a lighting mode and color are selected and downloaded to the device.

If you experience any problems not covered in this section, please contact BRIMFORD customer support for assistance.

7. Specifications

Feature	Detail
Brand	BRIMFORD
Model	9Key Wired
Connectivity Technology	USB-C
Number of Keys	9
Number of Knobs	3
Switch Type	Tactile (Outemu Red Switches)
Keyboard Backlighting	RGB (7 colors, 5 modes)
Compatible Devices	Laptop, PC, Tablet
Operating System Compatibility	Windows, VISTA, Linux, Mac (Windows required for configuration)
Material	Plastic
Power Source	USB power

8. Warranty and Support

8.1 Warranty Information

This BRIMFORD product comes with a manufacturer warranty for 180 days from the date of purchase. Please retain your proof of purchase for warranty claims.

8.2 Customer Support

For any questions, technical support, or warranty inquiries, please contact BRIMFORD customer service. Contact details can typically be found on the product packaging or the official BRIMFORD website.
If you encounter any problems during use, please do not hesitate to contact us for assistance.

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Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

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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.

Submit question