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Lamicall VHEP03-EU-B

Lamicall Electric Air Pump (Model VHEP03-EU-B) User Manual

Model: VHEP03-EU-B | Brand: Lamicall

1. INTRODUCTION

This manual provides detailed instructions for the safe and efficient use of your Lamicall Electric Air Pump. Please read this manual thoroughly before operating the device and retain it for future reference. This portable air pump is designed for inflating tires on cars, motorcycles, bicycles, and various sports balls, featuring a digital display, automatic shut-off, and an integrated LED light.

2. SAFETY INFORMATION

Always observe the following safety precautions to prevent injury or damage to the device:

- Do not leave the air pump unattended during operation.
- Keep out of reach of children.
- Avoid prolonged continuous operation to prevent overheating. Allow the device to cool down if it becomes excessively warm.
- Ensure the correct pressure setting for the item being inflated to prevent over-inflation and potential bursting.
- Do not expose the device to rain or moisture.
- Use only the provided accessories and charging cable.

3. PRODUCT COMPONENTS

The Lamicall Electric Air Pump package includes the following items:

- 1x Lamicall Electric Air Pump
- 1x Inflation Hose (threaded, 30 cm)
- 1x Presta Valve Adapter
- 1x Ball Needle

- 1x USB-C Charging Cable
- 1x Storage Bag



Image 3.1: The Lamicall Electric Air Pump shown with its included accessories, including the inflation hose, various adapters, and charging cable.

4. SETUP

4.1 Initial Charging

Before first use, fully charge the air pump. Connect the provided USB-C charging cable to the pump's USB-C input port and a compatible 5V/2A USB power adapter (not included). The digital display will indicate charging status. A full charge allows for approximately 25 minutes of continuous operation.

4.2 Attaching the Inflation Hose

Screw the threaded inflation hose securely onto the air pump's output port. The hose features a 360° rotary valve for easy connection at various angles.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off

Press and hold the power button (**U**) to turn the device on or off.

5.2 Mode Selection

Press the function button (often labeled with a symbol like a car or mode icon) to cycle through the five preset inflation modes:

- **Car Mode:** For automobile tires.
- **Motorcycle Mode:** For motorcycle tires.
- **Bicycle Mode:** For bicycle tires.
- **Ball Mode:** For sports balls.
- **Custom Mode:** Allows manual pressure setting.



Image 5.1: The digital LED display of the air pump, illustrating the various inflation modes and pressure units available for selection.

5.3 Unit Selection

Press the 'U' button to switch between four pressure units: PSI, BAR, KPA, and KG/CM².

5.4 Setting Target Pressure

Once a mode is selected, use the '+' and '-' buttons to adjust the desired target pressure. The device features a memory function, retaining the last set pressure for each mode.

5.5 Inflation Process

1. Connect the inflation hose to the valve of the item you wish to inflate. Ensure a secure connection.

2. The digital display will show the current pressure.
3. Select the appropriate mode and set the target pressure.
4. Press the power button to start inflation. The pump will automatically stop once the target pressure is reached.
5. Disconnect the hose from the valve.



Image 5.2: Illustration of the air pump's real-time pressure detection and automatic shut-off feature, ensuring safe and accurate inflation.

5.6 Emergency LED Light

The top of the air pump is equipped with an LED light. Press the light button (often symbolized by a light bulb) to cycle through three modes:

- **Normal Lighting:** For general illumination.
- **Flashing Light:** For signaling or increased visibility.
- **SOS Mode:** Emits an SOS signal for emergency situations.

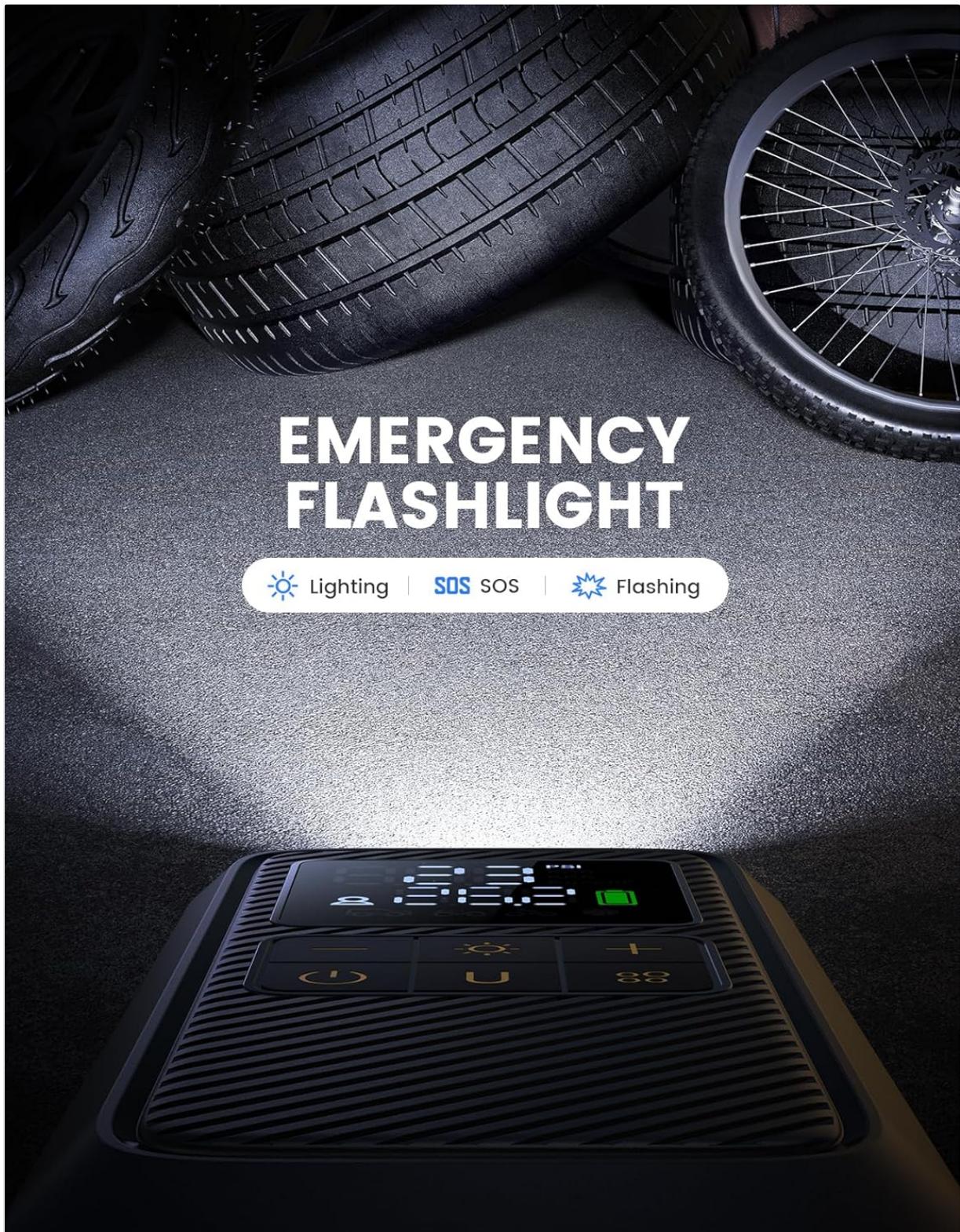


Image 5.3: The air pump's integrated LED light functioning as an emergency flashlight, providing illumination in dark environments.

5.7 Power Bank Function

The air pump can also function as a power bank. Connect your device to the USB-A output port (5V/2A) to charge it.

6. MAINTENANCE

- **Cleaning:** Wipe the exterior of the pump with a soft, dry cloth. Do not use harsh chemicals or abrasive cleaners.

- **Storage:** Store the pump and its accessories in the provided storage bag in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Battery Care:** To prolong battery life, charge the device regularly, even if not in frequent use. Avoid fully discharging the battery for extended periods.

7. TROUBLESHOOTING

If you encounter issues with your Lamicall Electric Air Pump, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Pump does not turn on	Low battery or no charge	Charge the pump fully using the USB-C cable.
Pump inflates slowly or not at all	Hose not securely connected; incorrect adapter; blockage in hose/nozzle	Ensure hose is tightly screwed on. Check that the correct adapter is used and securely attached. Inspect hose and nozzle for obstructions.
Inaccurate pressure reading	Loose connection; sensor issue	Ensure the hose is firmly connected to the valve. If the issue persists, contact customer support.
Pump overheats and shuts off	Prolonged continuous use	Allow the pump to cool down for at least 15-20 minutes before resuming operation.

8. SPECIFICATIONS

Feature	Specification
Model Number	VHEP03-EU-B
Dimensions (L x W x H)	160 x 46 x 68 mm
Weight	452 Grams
Maximum Pressure	150 PSI
Airflow Rate	20 L/min
Battery Capacity	4000 mAh
Continuous Operation Time	Up to 25 minutes (on full charge)
Charging Input	USB-C 5V/2A
Power Bank Output	USB-A 5V/2A
Pressure Detection Accuracy	±0.1 PSI
LED Light Modes	Normal, Flashing, SOS

Feature	Specification
Special Features	5x Faster Inflation, Automatic Shut-off, Digital Display, Power Bank Function, Emergency Light

9. WARRANTY AND SUPPORT

Warranty information for the Lamicall Electric Air Pump is not detailed within this manual. For specific warranty terms, conditions, or to inquire about spare parts availability, please refer to the product packaging or contact Lamicall customer support directly through their official website or the retailer where the product was purchased.

For technical assistance or further questions, please visit the Lamicall support page or contact their customer service team.