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› Portronics Vayu 2-in-1 Tyre Inflator User Manual

Portronics Vayu

Portronics Vayu 2-in-1 Tyre Inflator User Manual

Model: Vayu (POR-1480)

1. INTRODUCTION

Thank you for choosing the Portronics Vayu 2-in-1 Tyre Inflator. This device is designed for convenient and efficient inflation of various items, including car tires, bike tires, bicycles, and sports balls. It features both rechargeable battery operation and corded power options, a digital display, preset inflation modes, and an auto shut-off function for precise and safe use. Please read this manual thoroughly before operating the device to ensure proper usage and to maximize its lifespan.

2. PRODUCT OVERVIEW

2.1 Package Contents

- Portronics Vayu Tyre Inflator
- Inflation Hose
- Car Power Cable (for corded operation)
- USB Charging Cable
- Various Nozzle Adapters (e.g., for balls, bicycles)
- User Manual

2.2 Key Features

- **Dual Power Mode:** Operates wirelessly with a built-in 4000mAh rechargeable battery or via a car power outlet.
- **Digital LED Display:** Provides real-time pressure readings and mode selection.
- **Versatile Inflation:** Suitable for car tires, bike tires, bicycles, and sports balls.
- **LED Flashlight with SOS Mode:** Ensures visibility in low-light conditions and provides an emergency signal.
- **Auto Shut-Off:** Automatically stops inflation once the preset pressure is reached.
- **Smart Pressure Detection:** Displays current tire pressure upon connection.
- **Emergency Power Backup:** Features a 5W USB output for charging small electronic devices.

2.3 Device Components

Refer to the image below for a visual representation of the Portronics Vayu Tyre Inflator and its included accessories.



Image 1: Portronics Vayu Tyre Inflator with inflation hose, car power cable, USB charging cable, and various nozzle adapters.

The main unit features a digital display, control buttons (Power, Mode, Plus, Minus), an inflation port, a flashlight, and charging ports.

3. SETUP

3.1 Initial Charge

Before first use, fully charge the Portronics Vayu inflator. Connect the provided USB charging cable to the device and a suitable USB power adapter (not included). The digital display will indicate charging status. A full charge ensures optimal performance, especially for cordless operation.

3.2 Attaching the Inflation Hose

1. Screw the inflation hose securely onto the inflation port of the device.
2. Select the appropriate nozzle adapter for the item you wish to inflate and attach it to the other end of the inflation

hose.

4. CHARGING THE DEVICE

The Portronics Vayu offers two charging methods:

4.1 Using the Built-in Rechargeable Battery

The device is equipped with a 4000mAh lithium battery. To charge:

- Connect the USB charging cable to the device's charging port.
- Plug the other end into a standard USB wall adapter or a power bank.
- The battery indicator on the digital display will show the charging progress.



Image 2: The Portronics Vayu inflator being charged via its USB port, highlighting the 4000mAh rechargeable battery.

4.2 Using the Car Power Outlet (Corded Operation)

For continuous power or when the internal battery is low, you can power the inflator directly from your car's 12V DC outlet:

- Connect the provided car power cable to the device's designated input port.
- Insert the car power cable's plug into your vehicle's 12V cigarette lighter socket.
- The device will draw power directly from the car, allowing for extended use without relying on the internal battery.

2-in-1: Coded & Cordless



Image 3: Demonstrates the Portronics Vayu inflator in both cordless operation (using its internal battery) and corded operation (connected to a car's 12V power outlet).

5. OPERATING INSTRUCTIONS

5.1 Powering On/Off

- Press and hold the Power button to turn the device on or off.
- The digital display will illuminate upon power-on.

5.2 Selecting Units and Preset Modes

The Portronics Vayu features a digital display for easy monitoring and control.

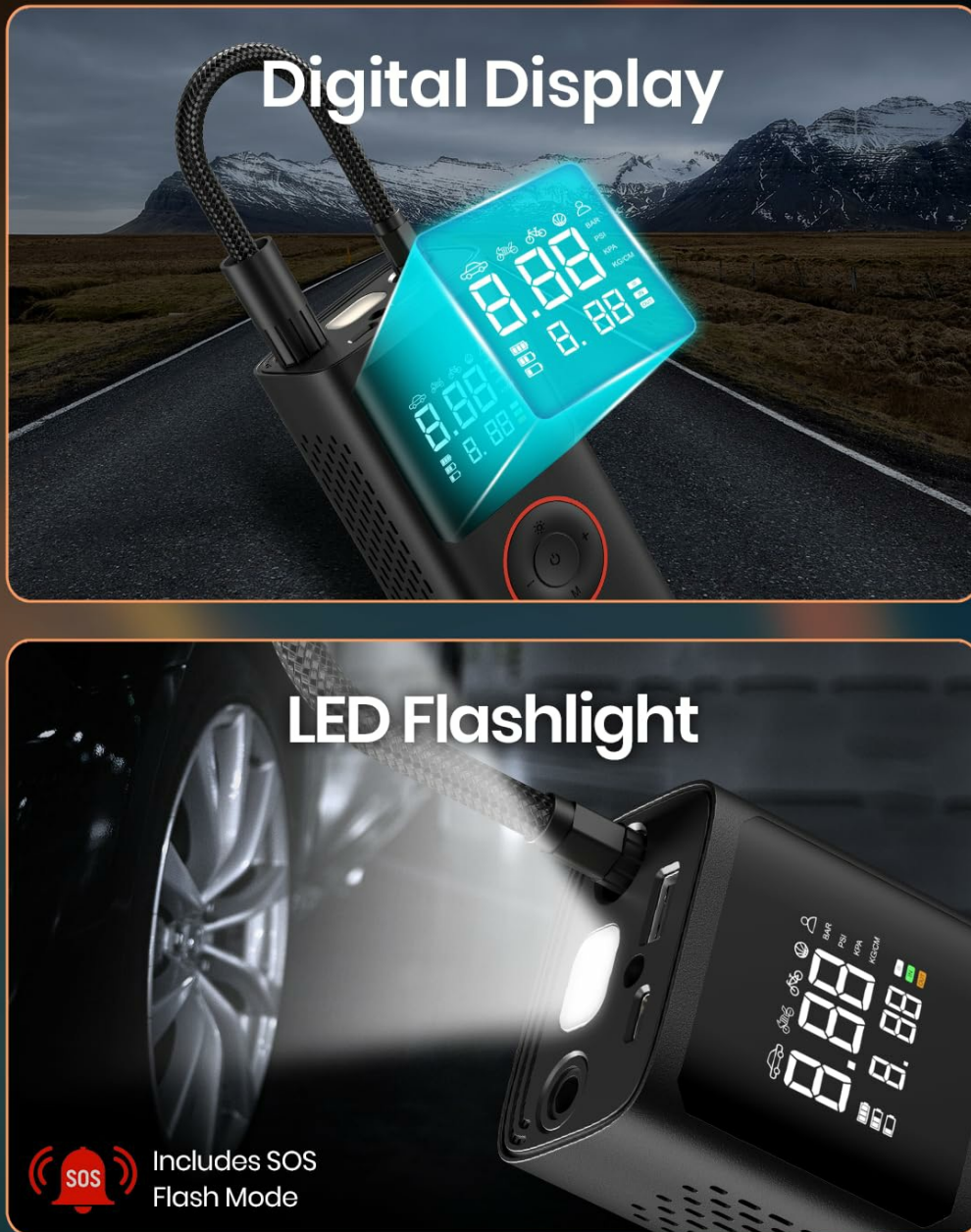


Image 4: Close-up of the Portronics Vayu's digital display showing pressure readings and the integrated LED flashlight.

- **Unit Selection:** Press the 'M' (Mode) button briefly to cycle through pressure units (PSI, BAR, KPA, KG/CM²).
- **Preset Modes:** Press the 'M' button and hold for a few seconds to cycle through preset inflation modes for different items (Car, Motorcycle, Bicycle, Ball, Custom). Each mode has a default pressure setting.

Preset Modes

Convenient presets with auto shut-off



Image 5: Illustration of the Portronics Vayu's preset inflation modes for car, motorcycle, bicycle, balls, and a custom setting.

5.3 Setting Desired Pressure

- After selecting a preset mode or the custom mode, use the '+' and '-' buttons to adjust the target pressure.
- The digital display will show the current pressure and the target pressure.

5.4 Inflation Process

1. Ensure the inflation hose is securely attached to the device and the correct nozzle adapter is fitted.
2. Connect the nozzle adapter to the valve of the item you wish to inflate. The device will automatically detect and display the current pressure.
3. Set your desired target pressure using the '+' and '-' buttons.
4. Press the Power button to start inflation. The device will begin pumping air.
5. The inflator will automatically shut off once the preset target pressure is reached.
6. Disconnect the nozzle from the item and then from the inflator.



Image 6: The Portronics Vayu inflator connected to a car tire, demonstrating its quick inflation capability with an air flow rate of 4-5 PSI/Min.

5.5 LED Flashlight and SOS Mode

- The device includes a bright LED flashlight for use in dark environments.
- Press the flashlight button (usually indicated by a light bulb icon) to turn the flashlight on.
- Press the button again to cycle through different modes, including a flashing SOS signal for emergencies.

5.6 Emergency Power Bank Function

The Portronics Vayu can also serve as an emergency power bank:

- Locate the USB output port on the device.
- Connect your smartphone or other small electronic device using a compatible USB cable.
- The device provides a 5W USB output for essential charging on the go.

Emergency Power Backup On-the-Go!

5W USB Output – Enough for essential charging.



Image 7: The Portronics Vayu inflator being used to charge a smartphone via its 5W USB output port, illustrating its emergency power backup feature.

6. MAINTENANCE

- **Cleaning:** Wipe the device with a soft, dry cloth. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** Store the inflator in a cool, dry place away from direct sunlight and extreme temperatures. Ensure the battery is partially charged (around 50%) if storing for extended periods.
- **Hose and Adapters:** Keep the inflation hose and nozzle adapters clean and free from debris. Check for any cracks or damage before each use.
- **Battery Care:** To prolong battery life, avoid fully discharging the battery frequently. Recharge when the battery indicator is low.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not turn on.	Low battery or no power connection.	Charge the device or connect to car power outlet.
Inflator not pumping air.	Hose not securely attached; nozzle not properly connected; target pressure not set.	Ensure all connections are tight. Set a target pressure.
Inaccurate pressure reading.	Loose connection to valve; faulty sensor.	Ensure a tight seal with the valve. If issue persists, contact support.
Device overheats.	Continuous operation for too long.	Allow the device to cool down for 10-15 minutes before resuming use. Avoid prolonged continuous operation.
Battery drains quickly.	Aging battery; frequent heavy use.	Ensure full charge before use. Consider using corded power for longer tasks.

8. SPECIFICATIONS

Feature	Detail
Model	Vayu (POR-1480)
Brand	Portronics
Battery Capacity	4000mAh Lithium Ion (included)
Input Voltage	3.7 Volts (Internal Battery)
Power Input	USB-C (Charging), 12V DC (Car Power)
USB Output	5W (for emergency charging)
Max Pressure	Up to 150 PSI (Custom Mode)
Air Flow	4-5 PSI/Min
Product Dimensions	15 x 10 x 7.5 cm
Item Weight	500 g
Special Features	Digital Display, Auto Shut-Off, LED Flashlight, SOS Mode, Power Bank Function
Country of Origin	China

9. SAFETY INFORMATION

- Do not leave the inflator unattended during operation.
- Keep out of reach of children.
- Avoid operating the device in wet conditions or near flammable liquids/gases.
- Do not point the inflation nozzle at people or animals.
- Ensure proper ventilation during use to prevent overheating.

- Always check the recommended pressure for the item being inflated to avoid over-inflation.
- If the device emits unusual noises, smells, or smoke, turn it off immediately and disconnect power.

10. WARRANTY AND SUPPORT

The Portronics Vayu Tyre Inflator comes with a standard manufacturer's warranty. An optional 1-year extended warranty may be available for purchase. For warranty claims, technical support, or service inquiries, please contact Portronics customer service.

- **Manufacturer:** Portronics Digital Pvt Ltd
- **Address:** Unit No. 1082-1090, 10th Floor, Block-B, Vegas, Dwarka, Sec-14, New Delhi-110075
- **Customer Care:** 9555-245-245
- Please refer to your purchase documentation for specific warranty terms and conditions.

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