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Woowind DP3-O

Woowind DP3 Portable Tire Inflator User Manual

Model: DP3-O

1. INTRODUCTION

Thank you for choosing the Woowind DP3 Portable Tire Inflator. This device is engineered for efficient and convenient inflation of various items, including car, bicycle, and motorcycle tires, as well as sports balls. Its compact design, powerful performance, and user-friendly features make it an essential tool for maintaining optimal pressure wherever you are.

Please read this manual thoroughly before operation to ensure safe and proper use, and retain it for future reference.

2. SAFETY INFORMATION

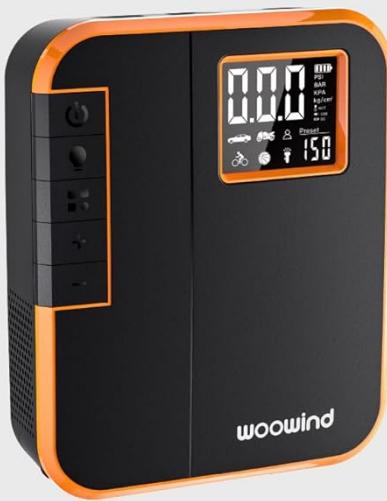
- Do not leave the inflator unattended during operation.
- Keep out of reach of children.
- Avoid prolonged continuous operation to prevent overheating. Allow the device to cool down if it becomes hot.
- Do not expose the device to rain or moisture.
- Ensure the correct pressure setting for the item being inflated to prevent over-inflation, which can cause damage or injury.
- Use only the provided accessories and charging cables.
- Do not disassemble or attempt to repair the device yourself. Contact customer support for assistance.

3. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- Woowind DP3 Tire Inflator Unit
- Flexible Hose (Schrader valve compatible)
- Presta/Dunlop Valve Adapter
- Swimming Ring Nozzle
- Ball Needle
- 12V Car Cigarette Lighter Cable
- USB Charging Cable
- Storage Case
- User Manual (this document)

What's in the box



Air Pump



Long Shrader Air Tube



Carrying Case



Dunlop Air valve



Presta Adapter



Nozzle Adapter



Needle Adapter



USB-C Charging Cable



12V DC Car Power Cord

Image: All components included in the Woowind DP3 package.

4. PRODUCT OVERVIEW

The Woowind DP3 features a compact design with an intuitive interface for easy operation.



Image: Front view of the Woowind DP3 Air Compressor, highlighting its digital display and control buttons.

Key Components:

- **Digital Display:** Shows real-time pressure, target pressure, and battery level.
- **Power Button:** Turns the device on/off.
- **Unit Button:** Toggles between pressure units (PSI, BAR, KPA, kg/cm²).
- **Mode Button:** Cycles through preset inflation modes (Car, Motorcycle, Bicycle, Ball, Custom).
- **‘+’ and ‘-’ Buttons:** Adjust target pressure.
- **Inflation Port:** Where the flexible hose connects.
- **LED Light:** Provides illumination in low-light conditions.

5. SETUP

5.1 Charging the Device

Before first use, fully charge the Woowind DP3. The device can be charged using the included USB charging cable or the 12V car cigarette lighter cable.

- Connect the USB charging cable to the inflator's charging port and to a USB power adapter (not included) or a computer USB port.
- Alternatively, connect the 12V car cigarette lighter cable to the inflator and your vehicle's 12V accessory socket.
- The battery indicator on the digital display will show charging progress. A full charge is indicated when all battery segments are lit.

5.2 Attaching the Air Hose and Adapters

The flexible hose comes with a Schrader valve connector. Use the appropriate adapter for other valve types.

- Screw the flexible hose firmly onto the inflation port of the DP3.
- For Presta or Dunlop valves, screw the corresponding adapter onto the Schrader valve connector of the flexible hose.
- For balls, attach the ball needle to the Schrader valve connector.
- For swimming rings or other inflatables, attach the swimming ring nozzle.

6. OPERATING INSTRUCTIONS

6.1 Powering On and Connecting

1. Press and hold the Power button () to turn on the inflator. The digital display will light up.
2. Connect the flexible hose (with appropriate adapter if needed) securely to the valve of the item you wish to inflate. The display will show the current pressure of the item.



Quick and Easy Tire Inflation



Image: Connecting the inflator to a tire valve is a simple process.

6.2 Setting Desired Pressure

1. Press the Unit button to select your preferred pressure unit (PSI, BAR, KPA, or kg/cm²).
2. Press the Mode button to cycle through the preset modes (Car, Motorcycle, Bicycle, Ball). Each mode has a default pressure range.
3. To set a custom target pressure, use the '+' and '-' buttons. The target pressure will flash as you adjust it.

6.3 Starting and Stopping Inflation

1. Once the desired pressure is set, press the Power button () again to start inflation. The pump will begin operating, and the real-time pressure will be displayed.
2. The inflator will automatically shut off once the target pressure is reached.
3. To manually stop inflation at any time, press the Power button ().

The Best Solution For Tire Care Anywhere, Anytime

Precise Real Time Pressure
±0.5 PSI



SAVE TIME WITH PRESETS

Car / Bike / Motorbike / Ball

Image: The digital display provides precise real-time pressure readings during inflation.

6.4 Using the LED Light

Press the Light button () to turn on the integrated LED light for illumination in dark environments.

Be prepared for any emergency on the road



PALM SIZE
PIECE OF MIND



NO LIGHT? NO PROBLEM
Integrated Flashlight



 **ALWAYS IN YOUR GLOVEBOX**
Cordless Portable Design



**Never run out of battery
with 12V Power Cord**



**GET BACK ON THE
ROAD IN MINUTES**
No more lines at the
gas station for the
only pump available

Image: The built-in LED light assists with visibility during nighttime use.

7. MAINTENANCE

7.1 Cleaning

- Wipe the exterior of the inflator with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- Ensure the device is completely dry before storing.

7.2 Storage

- Store the inflator and all accessories in the provided storage case to protect them from dust and damage.
- Store in a cool, dry place, away from direct sunlight and extreme temperatures.
- For long-term storage, charge the battery to approximately 50-70% every 3-6 months to prolong battery life.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Inflator does not turn on.	Low battery.	Charge the device fully.
Inflator does not inflate.	Hose not securely connected; Target pressure already reached; Blocked nozzle.	Ensure hose is tightly screwed; Check current pressure against target; Clear any obstructions from the nozzle.
Inaccurate pressure reading.	Loose connection; Incorrect unit selected.	Ensure hose is securely connected to valve; Press Unit button to select correct pressure unit.
Device overheats and shuts off.	Prolonged continuous use.	Allow the device to cool down for at least 10-15 minutes before resuming use.

9. SPECIFICATIONS

Feature	Detail
Model Number	DP3-O
Maximum Pressure	150 PSI
Air Flow Capacity	40 LPM
Power Source	Battery Powered (3x2000mAh Li-ion) / 12V DC Car Cigarette Lighter
Voltage	12 Volts
Wattage	60 watts
Product Dimensions	13.8 x 11.5 x 4.5 cm
Item Weight	564 g
Sound Level	85 dB
Material	Acrylonitrile Butadiene Styrene
Special Features	Portable, Cordless, Digital Display, LED Light, Auto Shut-off



Image: Detailed dimensions of the Woowind DP3 Air Compressor.

10. WARRANTY AND SUPPORT

10.1 Warranty Information

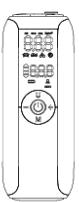
The Woowind DP3 Portable Tire Inflator comes with a **1-year warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use. It does not cover damage caused by misuse, accidents, unauthorized modifications, or failure to follow the instructions in this manual.

10.2 Customer Support

For technical support, warranty claims, or any questions regarding your Woowind DP3, please contact Woowind customer service. Refer to the contact information provided on the product packaging or the official Woowind website.

Please have your model number (DP3-O) and proof of purchase ready when contacting support.

Related Documents - DP3-O

<p>Smart Tire Inflator User Manual</p>  <p>Model: DP3</p>	<p>Woowind DP3 Smart Tire Inflator User Manual</p> <p>Comprehensive user manual for the Woowind DP3 Smart Tire Inflator, covering specifications, operation, safety precautions, and troubleshooting for efficient tire inflation.</p>
	<p>WOOWIND Ventus PRO Portable Air Pump User Manual</p> <p>The WOOWIND Ventus PRO User Manual provides comprehensive instructions for operating the portable air pump, including setup, charging, inflation modes, pressure settings, and troubleshooting tips for various applications like bicycles, motorcycles, cars, and balls. Learn about its features, specifications, and safety precautions.</p>
<p>Smart Tire Inflator User Manual</p>  <p>Model: AP2-P</p>	<p>Smart Tire Inflator AP2-P User Manual - Portable Air Pump Guide</p> <p>Comprehensive user manual for the Smart Tire Inflator AP2-P. Learn about its features, specifications, accessories, operation, and safety precautions for inflating tires on cars, motorcycles, bicycles, and more.</p>
<p>Smart Tire Inflator User Manual</p>  <p>Model: LP1</p>	<p>Woowind LP1 Smart Tire Inflator User Manual</p> <p>User manual for the Woowind LP1 Smart Tire Inflator, detailing setup, operation, specifications, and safety guidelines for efficient tire inflation.</p>
<p>Ventus Race User Manual</p>  <p>Mini Bike Tire Inflator</p>	<p>Ventus Race Mini Bike Tire Inflator User Manual WOOWIND</p> <p>Comprehensive user manual for the Ventus Race Mini Bike Tire Inflator by WOOWIND, detailing specifications, setup, usage, and safety precautions for efficient tire inflation for bicycles and sports balls.</p>



Model: BP188

[Woowind BP188 Smart Bike Pump User Manual](#)

User manual for the Woowind BP188 Smart Bike Pump, detailing its features, specifications, operation, and safety guidelines for efficient tire inflation and maintenance.