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Powools ATJ-6988

Powools Cordless Tire Inflator Portable Air Compressor User Manual

MODEL: ATJ-6988

Brand: Powools

1. INTRODUCTION

Thank you for choosing the Powools Cordless Tire Inflator Portable Air Compressor, Model ATJ-6988. This device is designed to provide convenient and efficient inflation for various items, including car tires, motorcycle tires, bicycle tires, sports balls, and other inflatables. Its compact, cordless design and automatic shutoff feature ensure ease of use and safety. Please read this manual thoroughly before operation to ensure proper use and maintenance.

2. IMPORTANT SAFETY INSTRUCTIONS

- Always ensure the inflator is fully charged before use to avoid interruptions.
- Do not operate the inflator in wet conditions or near flammable liquids or gases.
- Keep children and pets away from the inflator during operation.
- The inflation hose may become hot during prolonged use. Exercise caution when handling.
- Do not over-inflate items. Always refer to the manufacturer's recommended pressure for the item being inflated.
- If the inflator is used continuously for 10 minutes, allow it to rest for at least 10 minutes before further use to prevent overheating.
- Store the inflator in a cool, dry place when not in use.
- Do not attempt to disassemble or repair the unit yourself. Contact customer support for assistance.

3. PACKAGE CONTENTS

Please check the package for the following items:

- Powools Cordless Tire Inflator (Model ATJ-6988)
- Inflation Hose

- USB-A to USB-C Charging Cable
- Ball Needle Nozzle
- Long Nozzle for Beach Toys/Inflatables
- Short Nozzle for Air Mattresses
- Presta Valve Adapter for Bikes
- User Manual

4. PRODUCT OVERVIEW

Familiarize yourself with the components of your Powools Cordless Tire Inflator.



Figure 1: The Powools Cordless Tire Inflator showing its digital display, control buttons, inflation hose, and various included nozzles. Examples of items it can inflate, such as car tires, motorcycles, bicycles, and sports balls, are also depicted.



6.4"



2.65"

1.9"



Figure 2: Side view of the Powools Cordless Tire Inflator illustrating its compact dimensions: approximately 6.4 inches in height, 2.65 inches in width, and 1.9 inches in depth.

Control Panel:

- **Digital Display:** Shows real-time pressure, preset pressure, and selected unit.
- **Power Button (Center):** Long press to power on/off. Short press to start/pause inflation.
- **Mode Button (M):** Press to cycle through inflation modes (Car, Motorcycle, Bike, Ball, Custom).
- **Unit Button (Light Icon):** Press to cycle through pressure units (PSI, BAR, KPA, KG/CM²). Also activates LED light.
- **Increase Button (+):** Increases preset pressure.
- **Decrease Button (-):** Decreases preset pressure.

5. CHARGING THE DEVICE

The Powools Cordless Tire Inflator is equipped with rechargeable 3*2,000mAh lithium-ion batteries. Ensure the device is fully charged before first use and whenever the battery indicator is low.

1. Locate the USB-C charging port on the device.
2. Connect the provided USB-A to USB-C charging cable to the inflator.
3. Connect the USB-A end of the cable to a compatible USB power adapter (not included) or a USB port.
4. The charging indicator on the display will show the charging status.
5. A full charge typically takes 3-4 hours. Once fully charged, the indicator will change or turn off.
6. Disconnect the charging cable once charging is complete.

Note: A full charge allows for approximately 20 minutes of continuous operation.

6. SETUP AND PREPARATION

1. **Attach the Inflation Hose:** Screw the inflation hose securely onto the air outlet port of the inflator.
2. **Select Appropriate Nozzle:**
 - For car/motorcycle/standard bicycle tires: Use the direct screw-on connection of the hose (Schrader valve compatible).
 - For Presta valve bicycle tires: Screw the Presta valve adapter onto the tire valve, then connect the inflation hose.
 - For sports balls: Attach the ball needle nozzle to the inflation hose.
 - For air mattresses/inflatables: Attach the appropriate long or short nozzle to the inflation hose.
3. **Connect to Item:** Screw the other end of the inflation hose (or attached nozzle) firmly onto the valve stem of the item you wish to inflate. Ensure a tight seal to prevent air leakage.

7. OPERATING INSTRUCTIONS

1. **Power On:** Long press the Power button (center button) for 3 seconds to turn on the inflator. The digital display will illuminate, showing the current pressure of the connected item.
2. **Select Pressure Unit:** Press the Unit button (light icon) to cycle through the available pressure units: PSI, BAR,

KPA, and KG/CM². Select your desired unit.

3. **Choose Inflation Mode:** Press the Mode button (M) to select the appropriate preset mode for your item. The modes typically include Car, Motorcycle, Bike, and Ball, each with a default target pressure. A custom mode is also available.
4. **Set Target Pressure:** Use the Increase (+) and Decrease (-) buttons to adjust the target pressure to your desired level. The display will show the preset pressure.
5. **Start Inflation:** Once the target pressure is set, short press the Power button to begin inflation. The inflator will start pumping air, and the real-time pressure will be displayed.
6. **Automatic Shutoff:** The inflator will automatically stop once the preset target pressure is reached. This prevents over-inflation.
7. **Stop Inflation Manually:** To stop inflation at any time before the target pressure is reached, short press the Power button again.
8. **Power Off:** Long press the Power button for 3 seconds to turn off the inflator after use.

LED Light Function:

The inflator features a built-in LED light for use in dark environments.

- With the inflator powered on, short press the Unit button (light icon) repeatedly to cycle through the LED light modes:
 - **Flash Light:** Provides continuous illumination.
 - **Alarm Light:** Flashing red light for warning.
 - **SOS Light:** Flashing SOS signal for emergencies.
- Press the Unit button again to turn off the LED light.

8. MAINTENANCE

- **Cleaning:** Wipe the exterior of the inflator with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners. Ensure the device is powered off and disconnected from any power source before cleaning.
- **Storage:** Store the inflator and its accessories in a dry, cool place, away from direct sunlight and extreme temperatures. Keep it out of reach of children.
- **Battery Care:** To prolong battery life, charge the device fully every 3 months even if not in use. Avoid completely draining the battery frequently.
- **Hose Inspection:** Regularly inspect the inflation hose and nozzles for any signs of wear, cracks, or damage. Replace if necessary to ensure proper sealing and performance.

9. TROUBLESHOOTING

Problem	Possible Cause	Solution
Inflator does not turn on.	Battery is depleted.	Charge the inflator fully.
Inflator does not inflate.	Hose not securely attached; Target pressure not set; Battery low.	Ensure hose is tightly screwed on; Set a target pressure above current pressure; Charge the battery.
Air leaks during inflation.	Loose connection; Damaged hose/nozzle.	Tighten all connections; Inspect hose and nozzles for damage and replace if necessary.
Inflator stops prematurely.	Target pressure reached; Overheating protection activated; Battery low.	Check if target pressure is met; Allow device to cool down for 10 minutes; Charge the battery.
Inaccurate pressure reading.	Loose connection; Calibration needed (not user-adjustable).	Ensure hose is tightly connected. If issue persists, contact customer support.

10. SPECIFICATIONS

Model Number	ATJ-6988
Brand	Powools
Product Dimensions	6.73 x 4.83 x 16.26 cm (2.65 x 1.9 x 6.4 inches)
Item Weight	560 g (0.56 kg)
Max Pressure	150 PSI
Air Flow Capacity	20 Liters Per Minute
Power Source	Battery Powered
Battery Type	3 x 2,000mAh Lithium Ion (included)
Voltage	12 Volts (DC)
Wattage	80 watts
Material	Plastic
Special Features	Portable, Cordless, Digital Display, Automatic Shut-Off, Quick Inflation, LED Light (Flash, Alarm, SOS)

11. WARRANTY AND CUSTOMER SUPPORT

The Powools Cordless Tire Inflator (Model ATJ-6988) comes with a **1-year limited warranty** from the date of purchase, covering manufacturing defects. This warranty does not cover damage caused by misuse, accident, unauthorized modification, or normal wear and tear.

For warranty claims, technical support, or any questions regarding your product, please contact Powools customer support. Refer to the product packaging or the official Powools website for the most current contact information.

Please have your model number (ATJ-6988) and proof of purchase ready when contacting support.



