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## AUKEPO AUKEPO-PTI12V

# AUKEPO Portable Tire Inflator Air Compressor User Manual

Model: AUKEPO-PTI12V

Brand: AUKEPO

## 1. INTRODUCTION

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This manual provides instructions for the safe and efficient operation of your AUKEPO Portable Tire Inflator Air Compressor. This device is designed for inflating vehicle tires and various inflatable items.



Image 1.1: AUKEPO Portable Tire Inflator Air Compressor.

### Key Features:

- Digital Pressure Display: Provides clear pressure readings in PSI, BAR, KPA, and KG/CM<sup>2</sup>.
- Automatic Shut-Off: The inflator stops automatically once the preset pressure is reached.
- Emergency LED Light: Integrated light for visibility and emergency use in low-light conditions.
- Quick Inflation: Inflates car tires at a speed of 35 liters per minute.
- Compact and Portable Design: Easy to store and transport.
- Multiple Nozzles: Includes various nozzles for different inflatable items.



Image 1.2: The inflator is suitable for a wide range of applications, including car tires, sports equipment, and various inflatables.

## 2. IMPORTANT SAFETY WARNINGS

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- **Power Source:** This device operates on DC 12V power only. Connect exclusively to a vehicle's 12V cigarette lighter socket.
- **Vehicle Engine:** Always start the car engine before plugging the power cable into the 12V cigarette lighter socket to prevent draining the car battery.
- **Fuse Requirement:** Ensure the vehicle's cigarette lighter socket fuse is rated higher than 10A.
- **Overheating:** The unit can become hot during prolonged use. Allow it to cool down between inflation cycles if necessary.
- **Children:** Keep the air compressor away from children.
- **Operating Environment:** Use in a well-ventilated area. Avoid operating near flammable liquids or gases.
- **Pressure Settings:** Refer to the instruction manual or the item being inflated for correct pressure settings. Over-inflation can cause damage or injury.
- **Emergency Light:** The integrated LED light can be used to signal presence when parked and inflating in low visibility conditions.

## 3. PACKAGE CONTENTS

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Verify that all items are present in the package:

- AUKEPO Portable Tire Inflator Air Compressor
- Power Cord (integrated)
- 3 x Nozzles (various types for different inflatables)
- 1 x Extra Fuse



Image 3.1: The included nozzles and spare fuse for versatile inflation.

## 4. SETUP

Before operating the tire inflator, follow these steps:

1. **Start Vehicle Engine:** Ensure your vehicle's engine is running. This provides stable power and prevents battery drain.
2. **Connect Power:** Insert the 12V power cable plug into your vehicle's cigarette lighter socket.



Image 4.1: Visual guide for connecting the inflator to the vehicle's power source.

## 5. OPERATING INSTRUCTIONS

Follow these steps to inflate tires or other items:

1. **Attach Nozzle:** Select the appropriate nozzle for the item you wish to inflate. For vehicle tires, screw the air hose connector onto the tire valve stem. Ensure a secure connection to prevent air leakage.
2. **Power On and Set Pressure:**
  - Once connected to the 12V power source, the digital display will illuminate.
  - Press the 'R' button to cycle through pressure units (PSI, BAR, KPA, KG/CM<sup>2</sup>).
  - Use the '+' and '-' buttons to set the desired target pressure. Refer to your vehicle's manual or tire sidewall for recommended tire pressure.
3. **Start Inflation:** Press the power switch on the inflator to begin inflation.
4. **Monitor Progress:** The digital display will show the current pressure as the item inflates.
5. **Automatic Shut-Off:** The inflator will automatically stop once the preset target pressure is reached.
6. **Disconnect:** Turn off the inflator, then carefully disconnect the air hose from the valve stem and unplug the power cable from the cigarette lighter socket.



Image 5.1: The digital display showing various pressure units and controls.

## Using the LED Light:

The inflator features a built-in LED light for use in dark environments or as an emergency signal. Press the light button to cycle through different light modes (e.g., steady on, flashing).



Image 5.2: The integrated LED light providing illumination during use.

## 6. MAINTENANCE

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- **Cleaning:** Wipe the exterior of the inflator with a damp cloth. Do not use harsh chemicals or immerse the unit in water.
- **Storage:** Store the inflator in a cool, dry place, away from direct sunlight and extreme temperatures. Ensure the power cord and air hose are neatly coiled.
- **Fuse Replacement:** If the inflator stops working, check the fuse in the 12V power plug. Replace it with the provided spare fuse if necessary.
- **Cooling:** Allow the unit to cool down after each use, especially after inflating multiple tires or for extended periods.

## 7. TROUBLESHOOTING

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Problem	Possible Cause	Solution
Inflator does not turn on.	Vehicle engine not running. Power plug not fully inserted. Vehicle's cigarette lighter fuse blown. Inflator's internal fuse blown.	Start the vehicle engine. Ensure the power plug is securely inserted. Check and replace the vehicle's fuse if necessary. Check and replace the inflator's fuse (located in the power plug) with the spare.
Slow inflation or no air output.	Air hose not securely attached to valve. Air hose or nozzle blocked. Low vehicle battery voltage.	Ensure all connections are tight. Check for obstructions in the hose and nozzles. Ensure vehicle engine is running and battery is charged.
Inflator gets hot and stops.	Overheating due to prolonged use.	Allow the unit to cool down for 10-15 minutes before resuming operation.
Inaccurate pressure reading.	Loose connection to valve stem. Sensor malfunction.	Ensure the air hose is tightly screwed onto the valve stem. Contact customer support if the issue persists.

## 8. SPECIFICATIONS

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<b>Model Name</b>	AUKEPO-PTI12V
<b>Power Source</b>	DC 12V (Corded Electric)
<b>Maximum Operating Pressure</b>	150 PSI
<b>Air Flow Capacity</b>	35 Liters Per Minute
<b>Noise Level</b>	65 dB
<b>Hose Length</b>	9 Feet
<b>Product Dimensions (L x W x H)</b>	6.97 x 2.44 x 5 inches
<b>Item Weight</b>	1.1 pounds (approx. 500 grams)
<b>Included Components</b>	Nozzles, Power Cord

# Product Size



*LCD digital display*



*Smart charge stop*



*Accurate pressure measurement*



*Quick inflation*



*Emergency lighting*

Image 8.1: Product dimensions for the AUKEPO Portable Tire Inflator.

## 9. WARRANTY AND SUPPORT

For any questions or concerns regarding your AUKEPO Portable Tire Inflator, please contact AUKEPO customer service. Refer to your purchase documentation for specific warranty details and contact information.