AstroAI CZK-3631

AstroAI Portable Tire Inflator Air Compressor (Model CZK-3631) User Manual

Your guide to safe and efficient tire inflation.

Introduction

Thank you for choosing the AstroAI Portable Tire Inflator Air Compressor. This manual provides essential information for the safe operation, maintenance, and troubleshooting of your device. Please read it thoroughly before use and retain it for future reference.
This portable air compressor is designed for inflating car tires, bicycle tires, and various inflatables such as sports balls and balloons. It features a digital pressure gauge, automatic shut-off, and an emergency LED light for convenience and safety.

Safety Information

- Ensure the vehicle engine is running when operating the inflator to prevent draining the car battery.
- This product requires a 12V DC power source (cigarette lighter socket). Do not attempt to power it with other voltage sources.
- Do not operate the inflator continuously for more than 10-15 minutes. Allow it to cool down for at least 10 minutes between uses to prevent overheating.
- Keep children and pets away from the inflator during operation.
- Do not leave the inflator unattended while in use.
- Always check the recommended tire pressure from your vehicle's manufacturer.
- Avoid over-inflating tires or other items. The automatic shut-off feature helps prevent this, but always monitor the process.
- Store the inflator in a dry, cool place away from direct sunlight and extreme temperatures.

Package Contents

Verify that all items are present in your package:

- AstroAI Portable Tire Inflator (Model CZK-3631)
- Various Nozzle Adapters (for balls, bicycles, etc.)
- User Manual

Product Overview

Familiarize yourself with the components of your AstroAI Tire Inflator.



Image: The AstroAI Portable Tire Inflator, showing the main unit, 12V DC power cord, air hose, and various nozzle adapters including a needle valve and two cone adapters.

The inflator features a digital display for pressure readings, control buttons for setting target pressure, a power switch, and an integrated LED light for visibility in low-light conditions.

Setup

1. **Prepare Vehicle:** Ensure your vehicle is parked safely and the engine is running. This provides stable power to the inflator and prevents battery drain.
2. **Connect Power:** Insert the 12V DC power cord plug into your vehicle's cigarette lighter socket.
3. **Attach Hose:** Screw the air hose connector onto the tire valve stem. Ensure it is tightly secured to prevent air leakage. For other inflatables, select the appropriate nozzle adapter and attach it to the air hose before connecting to the item.



Image: A visual guide showing the steps to set up the tire inflator: starting the engine, plugging in the 12V DC cord, setting pressure, connecting the nozzle, and pressing start.

Operating Instructions

Inflating a Tire:

1. **Power On:** Once connected to the 12V DC power source and the tire valve, turn on the inflator using the power switch. The digital display will illuminate.
2. **Select Unit:** Press the "M" button to cycle through the available pressure units: PSI, BAR, KPA, and Kg/cm². Select your desired unit.
3. **Set Target Pressure:** Use the "+" and "-" buttons to set the desired target pressure. The display will show the current tire pressure. Ensure the set pressure is higher than the current pressure.
4. **Start Inflation:** Press the power button again to begin inflation. The compressor will start, and the display will show the increasing pressure.
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 tire valve. Some air may escape during disconnection; this is normal.

Using the LED Light:

The inflator is equipped with an independent LED light for use in dark conditions. Press the dedicated LED button to turn the light on or off. This can be used even when the compressor function is not active.

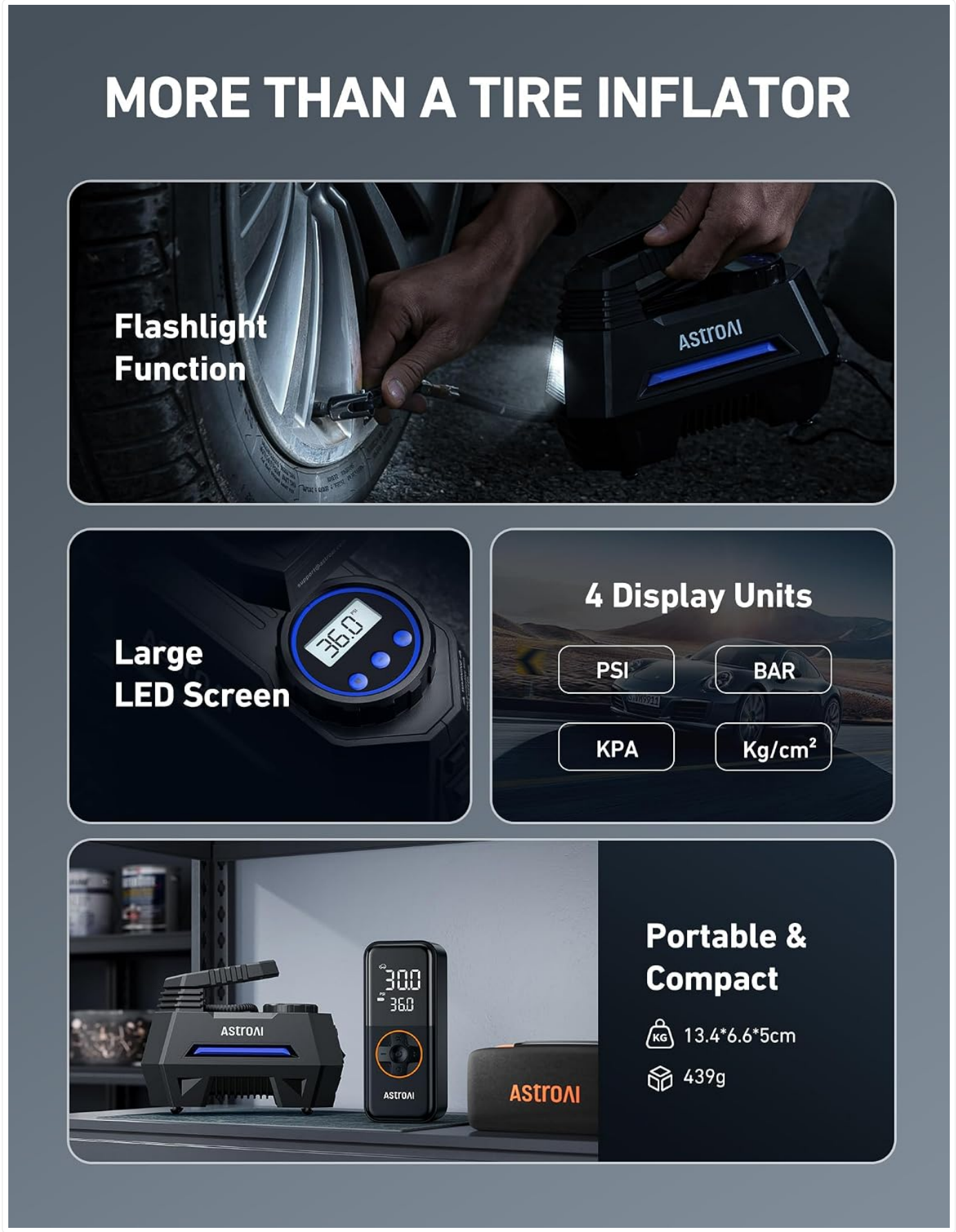


Image: A person using the AstroAI Tire Inflator's integrated LED light to illuminate a tire valve stem in a dark environment, highlighting its utility for nighttime use.

Inflating Other Items:

For items like sports balls or inflatable toys, select the appropriate nozzle adapter from the included accessories. Attach it to the air hose, then connect to the item's valve. Follow the same inflation steps, ensuring you do not exceed the item's

recommended pressure.



Image: The AstroAI Tire Inflator being used to inflate a basketball, demonstrating its versatility beyond car tires.

Maintenance

- **Cleaning:** Wipe the exterior of the inflator with a damp cloth. Do not use harsh chemicals or abrasive cleaners. Ensure the device is unplugged before cleaning.
- **Storage:** Store the inflator and its accessories in a clean, dry place, away from direct sunlight and extreme temperatures. The compact design allows for easy storage in a glove compartment or trunk.
- **Cord and Hose Inspection:** Regularly inspect the power cord and air hose for any signs of damage, kinks, or wear. Do not use the device if any damage is present.
- **Nozzle Adapters:** Keep the nozzle adapters clean and free of debris to ensure proper function.

Troubleshooting

Problem	Possible Cause	Solution
Inflator does not turn on.	No power from 12V DC socket; vehicle engine not running; blown fuse in vehicle or inflator.	Ensure vehicle engine is running. Check 12V DC socket for power (test with another device). Check and replace the fuse in the inflator plug or vehicle fuse box if necessary.
Air leaks from connection.	Hose not securely attached to valve stem; damaged hose or valve stem.	Ensure the air hose is screwed tightly onto the valve stem. Inspect the hose and valve stem for damage.
Inflator runs but no air inflates.	Hose not connected properly; internal blockage.	Verify the hose is securely connected. If the problem persists, contact customer support.
Inflator overheats and shuts off.	Continuous operation for too long.	Allow the inflator to cool down for at least 10-15 minutes before resuming operation. Adhere to recommended operating times.

Problem	Possible Cause	Solution
Inaccurate pressure reading.	Incorrect pressure unit selected; faulty sensor.	Press the "M" button to ensure the correct pressure unit (PSI, BAR, KPA, Kg/cm²) is selected. Compare reading with a known accurate gauge.

Specifications

Model: CZK-3631

Power Source: 12V DC (Corded Electric)

Maximum Operating Pressure: 150 PSI

Maximum Power: 120 Watts

AC Adapter Current: 15 Amps

Air Flow Capacity: 35 Liters Per Minute

Hose Length: 3 Meters (9.8 feet)

Product Dimensions: 8.4"L x 8.4"W x 8.4"H (approximate)

Item Weight: 1.98 pounds

Special Features: Automatic Shut-Off, Digital Display, LED Light, Portable, Pressure Detection

Material: Metal, Plastic

Warranty and Support

AstroAI products come with a 1-year warranty from the date of purchase. For warranty claims, technical support, or any questions regarding your product, please contact AstroAI customer service.

Contact Information:

Email: support@astroai.com

Website: Visit the official AstroAI website for FAQs and additional resources.

Please have your model number (CZK-3631) and purchase date ready when contacting support.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question