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AstroAI L10 Mini

AstroAI L10 Mini Portable Tire Inflator User Manual

Model: L10 Mini

Brand: AstroAI

1. PRODUCT OVERVIEW

The AstroAI L10 Mini Portable Tire Inflator is a compact and efficient air compressor designed for various inflation needs, including car tires, motorcycles, bicycles, and sports balls. It features a digital pressure gauge, auto-shutoff function, and an integrated LED light for convenience and safety.



Image: The AstroAI L10 Mini Tire Inflator highlighting its fast inflation capabilities, inflating a car tire from 30PSI to 36PSI in 70 seconds.

Key Features:

- **Fast Inflation:** Inflates standard car tires (195/65 R15) from 30PSI to 36PSI in approximately 70 seconds.
- **360° Rotatable Hose:** Flexible hose design for easy connection to tire valves at various angles.
- **Palm-Sized Design:** Compact and lightweight (less than 1 pound) for easy portability and storage.
- **5 Preset Modes:** Dedicated modes for cars, motorcycles, bicycles, basketballs, and a customizable option (3-150 PSI).
- **Auto Shutoff:** Automatically stops inflation once the preset pressure is reached, preventing over-inflation.
- **3-Mode LED Flashlight:** Includes Flashlight, Strobe, and SOS modes for visibility and emergencies.

2. PACKAGE CONTENTS

Before using your AstroAI L10 Mini Tire Inflator, please ensure all items are present:

2x FASTER INFLATION
Less Waiting, Confident Driving

<70s
30-36PSI
Car (195/65/R15)

ASTROAI

VS

**Slow Inflation,
Annoying Waits**

The advertisement highlights the AstroAI L10 Mini Tire Inflator's speed, stating it can inflate a car tire (195/65/R15) in less than 70 seconds at 30-36 PSI. It features a digital display showing the current pressure (32.0 PSI) and a yellow button for cycle/hold. The device is shown connected to a tire. Below, a traditional pump is shown with a speech bubble stating 'Slow Inflation, Annoying Waits'.

Image: The AstroAI L10 Mini Tire Inflator with its various accessories, including different nozzles and a charging cable.

- AstroAI L10 Mini Tire Inflator
- Air Hose with 360° Rotatable Connector
- USB-C Charging Cable
- Ball Needle Adapter
- Presta Valve Adapter
- Swim Ring Nozzle Adapter
- Storage Pouch

- User Manual

3. SETUP AND CHARGING

Charging the Device:

The device comes with a built-in rechargeable Lithium-Ion battery. Before first use, fully charge the inflator using the provided USB-C cable.

1. Connect the USB-C charging cable to the charging port on the inflator.
2. Connect the other end of the cable to a compatible USB power source (e.g., wall adapter, car charger, power bank).
3. The battery indicator on the display will blink during charging.
4. Once fully charged, the battery indicator will show a solid light.

Your browser does not support the video tag.

Video: An overview of the AstroAI Tire Inflator Portable Air Compressor, demonstrating its features and ease of use, including charging.



Image: The AstroAI L10 Mini display showing the battery indicator during charging, with a blinking light for charging and a solid light for fully charged.

4. OPERATING INSTRUCTIONS

Basic Operation:



Image: A visual guide demonstrating the 3-step intuitive operation: power on, select preset/pressure, and start inflation.

1. **Power On:** Hold the power button for 1.5 seconds to turn on the device. The digital display will illuminate.
2. **Connect Hose:** Attach the air hose to the tire valve. The 360° rotatable hose connector allows for easy installation at any angle.



Image: The AstroAI L10 Mini with its 360° rotatable hose, illustrating how it can be adjusted for easy connection to

tire valves.

3. **Select Mode & Set Pressure:** Press the mode button to cycle through the 5 preset modes (Car, Motorcycle, Bike, Ball, Custom). Use the '+' and '-' buttons to adjust the target pressure. The device supports pressure settings from 3-150 PSI.



Image: The AstroAI L10 Mini displaying its 5 preset inflation modes for various items like cars, motorcycles, bikes, and balls, along with a custom setting.

4. **Start Inflation:** Press the power button again to begin inflation. The device will automatically stop once the preset pressure is reached.



Image: A person leaning against a car while the AstroAI L10 Mini inflates a tire, illustrating the auto-shutoff feature that prevents over-inflation.

5. **Power Off:** Hold the power button for 1.5 seconds to turn off the device. It will also automatically power off after a period of inactivity.

Using the LED Flashlight:

The AstroAI L10 Mini includes a versatile LED flashlight with three modes:



Image: The AstroAI L10 Mini showcasing its 3-in-1 emergency LED flashlight, with modes for general illumination, strobe, and SOS signaling.

- Press the flashlight button once for constant illumination (Flashlight mode).
- Press again for a flashing light (Strobe mode).
- Press a third time for an SOS signal (SOS mode).
- Press a fourth time to turn off the flashlight.

5. MAINTENANCE AND STORAGE

- Keep the device clean and free from dust and debris. Use a soft, dry cloth for cleaning.
- Store the inflator and its accessories in the provided storage pouch to prevent damage.
- Avoid exposing the device to extreme temperatures, direct sunlight, or moisture.
- Charge the device periodically (e.g., every 3-6 months) even if not in use, to maintain battery health.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not turn on.	Low battery or device is off.	Charge the device fully. Ensure the power button is held for 1.5 seconds.
Inflator not inflating.	Hose not properly connected, target pressure not set, or device not started.	Ensure the hose is securely attached. Set the desired pressure. Press the power button to start inflation.
Device stops prematurely.	Target pressure reached or low battery.	Check the set pressure. If the tire is not fully inflated, check battery level and recharge if necessary.

Problem	Possible Cause	Solution
Inaccurate pressure reading.	Loose connection or sensor issue.	Ensure the hose is tightly connected to the valve. If issues persist, contact customer support.

7. SPECIFICATIONS

Feature	Detail
Brand	AstroAI
Model Name	L10 Mini
Voltage	7.4 Volts (DC)
Power Source	Battery Powered (1 Lithium Ion battery included)
Noise Level	85 Decibels
Product Dimensions	2.6" L x 1.8" W x 3.9" H
Item Weight	1.14 pounds
Max Pressure	150 PSI

8. WARRANTY AND SUPPORT

The AstroAI L10 Mini Tire Inflator comes with a **2-Year Manufacturer Warranty**.

For product support, troubleshooting, or warranty claims, please visit the official AstroAI store or contact their customer service directly.

Official AstroAI Store: [AstroAI Store on Amazon](#)

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This manual is for informational purposes only. Specifications are subject to change without notice.