

AstroAI GL-0801A

AstroAI Digital Tire Pressure Gauge (0-150 PSI) User Manual

Model: GL-0801A | Brand: AstroAI

1. INTRODUCTION

This manual provides instructions for the proper use and maintenance of your AstroAI Digital Tire Pressure Gauge. This device is designed to accurately measure tire pressure for various vehicles, including cars, trucks, bicycles, and motorcycles, ensuring optimal tire performance and safety.



Image 1.1: AstroAI Digital Tire Pressure Gauge and included Presta valve adapter.

2. SAFETY INFORMATION

- Always ensure the gauge is clean and free from debris before use.
- Do not expose the device to extreme temperatures or direct sunlight for prolonged periods.
- Keep the device away from water or other liquids to prevent damage.
- Store the gauge in a safe place when not in use to prevent accidental activation or damage.
- Replace batteries promptly when the low battery indicator appears to ensure accurate readings.

3. PRODUCT OVERVIEW

The AstroAI Digital Tire Pressure Gauge features a robust design for reliable performance. Key components include:

- **Illuminated Nozzle:** For easy valve stem location in low-light conditions.
- **Backlit LCD Screen:** Provides clear and easy-to-read pressure measurements.
- **One-Button Control:** Simplifies operation for power, unit selection, and measurement.
- **Ergonomic Design:** Ensures a comfortable grip and ease of use.
- **Automatic Shut-off:** Conserves battery life by turning off after 30 seconds of inactivity.
- **Presta Valve Adapter:** Included for compatibility with Presta valves found on many bicycles.

CONVENIENT LOW-LIGHT OPERATION



The Illuminated Nozzle Lights Up for Convenient Measurement



The Backlit LCD Screen Clearly Displays PSI in 0.1 Increments

Image 3.1: The gauge features an illuminated nozzle and a backlit LCD for visibility in dim conditions.

4. SETUP

4.1 Battery Installation

The AstroAI Digital Tire Pressure Gauge comes with 3 LR44 Alkaline batteries pre-installed. If replacement is needed:

1. Locate the battery compartment on the back of the gauge.
2. Slide the battery cover open.
3. Remove the old batteries and insert three new LR44 Alkaline batteries, ensuring correct polarity (+/-).
4. Close the battery cover securely.

EASY-TO-REPLACE BATTERIES

The included 3 x LR44 batteries are widely available and easy to replace, keep using the gauge for years to come.



Image 4.1: The battery compartment for LR44 battery replacement.

5. OPERATING INSTRUCTIONS

5.1 Powering On and Off

- To power on, press the **ON/UNIT/OFF** button once. The gauge will display "0.0" and calibrate for approximately 2 seconds.
- The gauge will automatically turn off after 30 seconds of inactivity to conserve battery life.
- To manually power off, press and hold the **ON/UNIT/OFF** button for 3 seconds.

5.2 Changing Measurement Units

The gauge supports four measurement units: PSI, BAR, KGF/CM², and KPA.

- With the gauge powered on, press the **ON/UNIT/OFF** button repeatedly to cycle through the available units. The selected unit will be displayed on the LCD screen.

4 UNITS, 0-150 PSI FOR ALL VEHICLES



Image 5.1: The gauge supports four measurement units for versatility.

5.3 Measuring Tire Pressure

1. Ensure the tire is cold for the most accurate reading.
2. Remove the valve cap from the tire stem.
3. Press the **ON/UNIT/OFF** button to turn on the gauge.
4. Firmly press the gauge's nozzle straight onto the tire valve stem. Ensure a tight seal to prevent air leakage. The illuminated nozzle assists in low-light conditions.

5. Hold the gauge in place until the pressure reading stabilizes on the LCD screen.
6. Remove the gauge from the valve stem. The reading will remain displayed for a few seconds before the gauge automatically shuts off or until manually turned off.
7. Replace the valve cap.

1-BUTTON CONTROL, EASY TO USE

The gauge will take 2 seconds to automatically calibrate once it turns on; it can be used normally after this.



1

Power On



2

Calibrating



3

Ready to Measure in Seconds



4

Easily Take Readings

Image 5.2: Step-by-step guide for measuring tire pressure.

5.4 Using the Presta Valve Adapter

For bicycles equipped with Presta valves:

1. Unscrew the Presta valve cap and loosen the valve stem lock nut.
2. Screw the included Presta valve adapter onto the Presta valve stem.
3. Follow the steps in Section 5.3 to measure the tire pressure, pressing the gauge nozzle onto the adapter.
4. After measurement, remove the gauge and the adapter, then tighten the Presta valve stem lock nut and replace the cap.

6. MAINTENANCE

- **Cleaning:** Wipe the gauge with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Storage:** Store the gauge in a cool, dry place, away from direct sunlight and extreme temperatures. Its compact size allows for convenient storage in glove boxes or tool kits.
- **Battery Life:** The automatic shut-off feature helps prolong battery life. Replace batteries when the low battery indicator appears on the display.

ENERGY-SAVING DESIGN FOR DURABLE USE

Automatic Shutoff to Save Power
& Prolong Service Life



Image 6.1: The gauge features an energy-saving auto-shutoff function.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Gauge does not turn on.	Dead or incorrectly installed batteries.	Check battery polarity. Replace batteries if necessary (refer to Section 4.1).
Inaccurate readings.	Poor seal with valve stem; low battery; gauge not calibrated.	Ensure a tight seal. Replace batteries. Allow 2 seconds for calibration after power-on.
"LO" or "BAT" displayed.	Low battery power.	Replace batteries immediately (refer to Section 4.1).
Air leaks during measurement.	Improper connection to valve stem.	Press the nozzle firmly and straight onto the valve stem to create a secure seal.

8. SPECIFICATIONS

Feature	Detail
Brand	AstroAI
Model Number	GL-0801A
Measurement Range	0-150 PSI / 0-10 BAR / 0-10 Kg/cm ² / 0-1000 KPA
Accuracy	±1 PSI
Increments	0.1 PSI
Material	Acrylonitrile Butadiene Styrene (ABS)
Dimensions (L x W x H)	5.31 x 2.17 x 1.1 inches (13.5 x 5.5 x 2.8 cm)
Item Weight	0.317 ounces (9 grams)
Batteries	3 x LR44 Alkaline (included)
Special Features	Backlit LCD display, Lighted nozzle, Auto-shutoff, Presta valve adapter included

POCKET SIZE



Image 8.1: Physical dimensions of the gauge.

9. WARRANTY AND SUPPORT

AstroAI is committed to providing high-quality products and customer satisfaction. This digital tire pressure gauge is manufactured from durable materials. If you encounter any issues due to manufacturing defects or transportation damage, please contact AstroAI customer service for assistance with returns or replacements.

For further support or inquiries, please visit the official AstroAI website or contact their customer service department.

Related Documents - GL-0801A

	<p>AstroAI 150 PSI Digital Tire Pressure Gauge User Manual</p> <p>Comprehensive user manual for the AstroAI GL-0801A 150 PSI Digital Tire Pressure Gauge. Includes instructions for operation, battery replacement, troubleshooting, and warranty information. Learn how to accurately measure tire pressure for optimal vehicle safety and performance.</p>
	<p>AstroAI GL-0801A 150 PSI Digital Tire Pressure Gauge User Manual</p> <p>User manual for the AstroAI GL-0801A 150 PSI Digital Tire Pressure Gauge, covering introduction, warnings, specifications, operation, battery replacement, troubleshooting, and warranty information. Learn how to accurately measure tire pressure for optimal vehicle safety and performance.</p>
	<p>AstroAI 150 PSI Digital Tire Pressure Gauge User Manual</p> <p>User manual for the AstroAI 150 PSI Digital Tire Pressure Gauge. Learn about its features, specifications, operation, battery replacement, troubleshooting, and warranty.</p>

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<div data-bbox="116 568 309 952" data-label="Image"></div>	<div data-bbox="341 710 1002 741" data-label="Section-Header"><p>AstroAI 150 PSI Digital Tire Pressure Gauge User Manual</p></div> <div data-bbox="341 752 1375 822" data-label="Text"><p>Comprehensive user manual for the AstroAI 150 PSI Digital Tire Pressure Gauge, covering operation, specifications, troubleshooting, and warranty information.</p></div>
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