

AstroAI
GL-0819 Digital
Tire Pressure



AstroAI GL-0819 Digital Tire Pressure User Manual

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AstroAI

AstroAI GL-0819 Digital Tire Pressure



INTRODUCTION

Thank you for purchasing the AstroAI 230 PSI Digital Tire Pressure Gauge. We hope you enjoy your new tire pressure gauge! If you have any questions or issues with your new product, you are welcome to contact us via support@astroai.com We're happy to help! Please fully read and understand this manual before using this product and keep this manual for future reference.

Specification

Brand	AstroAI
Model	GL-0819
Price	\$17.99
Measurement Ranges	0-230 PSI / 0-16 Bar / 0-16 Kg/cm² / 0-1600 Kpa
Minimum Increment	0.1 PSI
Range of Error	± 2%
Power Source	2 x AAA batteries
Display Type	LCD Display (8.3 x 4 inches)
Backlight	Yes, backlit LCD for visibility in low-light conditions
Flashlight	Yes, built-in flashlight for better visibility in dimly lit areas
Operating Temperature	-0.4°F to 122°F
Item Weight	4.8 ounces
Product Dimensions	6.5 x 1.89 x 1.1 inches
Included Accessories	1 x AstroAI Tire Gauge, 1 x User Guide, 2 x AAA Batteries
Purpose	Helps maintain correct tire pressure, reduces tire wear, extends tire life, and enhances vehicle safety
Easy-to-Read Digits	Displays accurate and easy-to-read measurements

PRODUCT OVERVIEW



WARNING

Do not use this product for unintended purposes.

INSTRUCTIONS

1. Press the ON/UNIT/OFF Button to turn on the tire pressure gauge. The gauge will display “0.0” on its LCD Screen.
2. Place the gauge’s nozzle on the tire valve you wish to measure. Press firmly to ensure a good seal and prevent air from leaking.
3. Hold the gauge on the valve until the pressure reading stabilizes. It should only take a second if the seal is good.
4. Remove the gauge to easily read the pressure reading.
5. To change units, simply press the ON/UNIT/OFF Button to rotate through the four available pressure units.
6. The tire pressure gauge will automatically turn off shortly after use. Manually turn off the gauge by pressing and holding the ON/UNIT/OFF Button for a few seconds.

CHANGING THE BATTERY

1. Locate the battery compartment on the back of the tire pressure gauge and remove the back cover.
2. Locate the 2 x AAA batteries. Remove them from their place and replace them with new batteries.

3. Take special care to place the batteries with the correct polarity. Replace the back cover.

SPECIFICATIONS

- **Range:** 0-230 PSI, 0-16 bar, 0-16 kg/cm², 0-1600 kPa
- **Display:** LCD
- **Power:** 2 x AAA batteries
- **Operating Temperature Range:** -5-50 °C/23~122 °F

Pros & Cons

Pros:

1. Accurate readings with a small 0.1 PSI increment.
2. Backlit LCD and flashlight for low-light use.
3. Lightweight and portable at just 4.8 ounces.
4. Broad measurement range (0-230 PSI), ideal for various vehicles.
5. Affordable pricing and durable build quality.

Cons:

1. Limited operating temperature range (-0.4°F to 122°F).
2. LCD could be larger for easier reading.
3. Batteries need replacement periodically.
4. An accuracy range of $\pm 2\%$ may not suit high-precision requirements.
5. Not waterproof or fully weather-resistant.

Trouble Shooting

Issue	Solution
Device does not turn on	Check battery installation; ensure batteries are correctly aligned.
Display shows inaccurate readings	Replace batteries and recalibrate by turning off and on.
LCD backlight not working	Verify battery power; replace if necessary.
Flashlight not turning on	Ensure batteries have sufficient charge or replace.
Display flickers	Secure battery compartment and verify battery charge.
Device turns off unexpectedly	Replace batteries; the unit may auto-shutoff with low power.
Reading remains on "0"	Reposition device on the valve and ensure a secure connection.
Shows "ERR" or error on display	Remove batteries for 1 minute, then reinstall to reset.
Device works only intermittently	Clean contacts in the battery compartment for better power connectivity.
Low-light visibility issues	Check flashlight functionality; replace batteries if needed.
Gauge does not fit on tire valve	Verify valve compatibility; ensure alignment and apply gentle pressure.
Sudden power drain	Ensure fresh, quality AAA batteries are used.
Screen fogs in cold weather	Warm the device indoors before taking it outside.
Difficulty in reading small digits	Adjust the angle of the LCD or check under bright lighting.
Device does not reset between uses	Power off after each use; wait a few seconds before restarting.

HELPFUL HINTS

In order to get a strong seal, place the nozzle directly onto the tire valve. Putting the gauge on the nozzle from an angle may result in an inaccurate reading. Once the gauge is placed, firmly press the gauge straight down.

WARRANTY PERIOD

1-Year Limited Warranty from AstroAI.

- Each AstroAI Digital Tire Pressure Gauge is free from defects in material and workmanship. This warranty does not cover damage from negligence, misuse, contamination, alteration, accident, or abnormal conditions of operation or handling. This warranty covers the original purchaser only and is not transferable.
- AstroAI always wants to provide our customers with excellent products and customer service.
- If you have any issues or concerns, feel free to contact us via support@astroai.com

FREQUENTLY ASKED QUESTIONS

What is the pressure range that the AstroAI GL-0819 can measure?

The AstroAI GL-0819 measures tire pressure from 0 to 230 PSI, 0 to 16 Bar, 0 to 16 Kg/cm², or 0 to 1600 Kpa.

What power source does the AstroAI GL-0819 Digital Tire Pressure Gauge use?

The AstroAI GL-0819 operates with 2 AAA batteries, which are included in the package.

How accurate is the AstroAI GL-0819 Tire Pressure Gauge?

The AstroAI GL-0819 has an accuracy range of +/- 2%, ensuring precise tire pressure readings.

What display size does the AstroAI GL-0819 have?

The AstroAI GL-0819 has an LCD display measuring 8.3 x 4 inches, making it easy to read pressure readings.

What increments does the AstroAI GL-0819 Tire Pressure Gauge measure in?

The AstroAI GL-0819 measures in increments as small as 0.1 PSI, allowing for very precise readings.

What are the dimensions and weight of the AstroAI GL-0819?

The AstroAI GL-0819 measures 6.5 x 1.89 x 1.1 inches and weighs 4.8 ounces, making it lightweight and compact for easy storage.

Can the AstroAI GL-0819 be used on different types of vehicles?

Absolutely, the AstroAI GL-0819 can be used for cars, trucks, motorcycles, bicycles, and other vehicles with compatible tire valves.

What units can the AstroAI GL-0819 Digital Tire Pressure Gauge display?

The AstroAI GL-0819 allows users to choose from PSI, Bar, Kg/cm², and Kpa for measurement versatility.

How does the AstroAI GL-0819 help with tire maintenance?

The AstroAI GL-0819 helps ensure tires are properly inflated, reducing wear, improving fuel efficiency, and enhancing driving safety.

What is included in the package of the AstroAI GL-0819?

The AstroAI GL-0819 package includes the tire gauge itself, a user guide, and 2 AAA batteries for immediate use.

Why won't my AstroAI GL-0819 Digital Tire Pressure Gauge turn on?

Ensure that the battery is installed correctly, with the positive (+) side facing up. If it still doesn't turn on, replace the battery, as it may be drained.

Make sure the gauge is pressed firmly onto the valve stem to avoid air leaks. A poor connection will prevent the gauge from accurately reading the tire pressure.

Why does the reading on my AstroAI GL-0819 fluctuate or seem inaccurate?

Check the valve stem for any leaks or dirt that might interfere with the reading. Also, ensure you're using the gauge in a stable environment (avoid extreme temperatures).

How do I change the pressure units on my AstroAI GL-0819 Digital Tire Pressure Gauge?

My AstroAI GL-0819 Tire Pressure Gauge turns off too quickly. Can I adjust the auto-off timer?

Unfortunately, the auto-off timer is not adjustable. The gauge is designed to automatically turn off after 30-40 seconds to conserve battery.

Contact

Web: www.astroai.com

E-mail: support@astroai.com

VIDEO – PRODUCT OVERVIEW



[Download the PDF link: AstroAbeds 2024 Digital Tire Pressure-Digital Tire Pressure-User-Manual.mp4](#)

References

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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