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> AstroAI Digital Tire Pressure Gauge (Model: B0CN3325KB) Instruction Manual

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Comprehensive guide for setup, operation, and maintenance.

INTRODUCTION

Thank you for choosing the AstroAI Digital Tire Pressure Gauge. This manual provides detailed instructions for the safe and efficient use of your device. Please read it thoroughly before operation and retain it for future reference.



Image: The AstroAI Digital Tire Pressure Gauge in orange, showing its ergonomic design.

SETUP

1. Unpacking and Battery Installation

Your AstroAI Digital Tire Pressure Gauge comes with pre-installed AAA batteries. If replacement is needed, follow these steps:

1. Locate the battery compartment on the back of the device.
2. Gently slide open the battery cover.
3. Insert two AAA batteries, ensuring correct polarity (+/-).
4. Close the battery cover securely.



Image: Internal view of the AstroAI Digital Tire Pressure Gauge showing the battery compartment with two AAA batteries.

2. Presta Valve Adapter

A Presta-to-Schrader adapter is included for compatibility with Presta valves, commonly found on road bikes. This adapter is stored within the battery compartment for convenience.



Image: Close-up of the battery compartment showing the small brass Presta valve adapter stored inside.

OPERATING INSTRUCTIONS

1. Power On and Unit Selection

Press the "ON/UNIT/OFF" button to turn on the device. The display will illuminate. To cycle through measurement units (PSI, bar, kPa, kg/cm²), press the "ON/UNIT/OFF" button repeatedly until your desired unit is displayed.

AstroAI

ADVANCED SCREEN DESIGN

4th | 4th Energy-Saving LED Screen to Extend Service Life

30% | Reducing Power Consumption by 30%



Image: The digital screen of the gauge displaying a tire pressure reading in PSI.

2. Measuring Tire Pressure

For accurate readings, ensure tires are cool (at least 3 hours after parking). Remove the valve cap from the tire.

1. Press the gauge nozzle firmly and vertically onto the tire valve stem.
2. Hold it in place until the digital display shows a stable reading. The built-in flashlight assists in low-light conditions.
3. Remove the gauge. The reading will remain on the display for a few seconds.
4. Replace the valve cap.

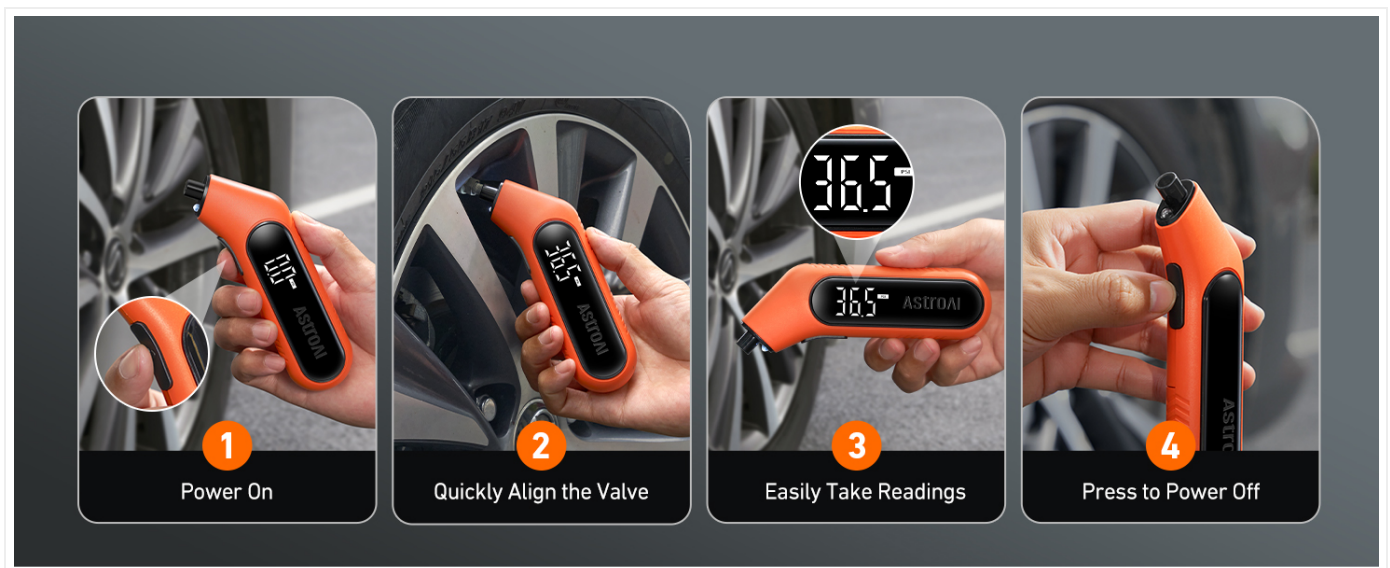


Image: A hand holding the AstroAI Digital Tire Pressure Gauge against a car tire valve stem, showing the measurement process.

3. Power Off

The device will automatically shut off after 30-40 seconds of inactivity to conserve battery life. To manually turn it off, press and hold the "ON/UNIT/OFF" button for 3 seconds.

4. Video Demonstration



Video: A demonstration of the AstroAI G300 digital tire pressure gauge in use, showcasing its features and ease of measurement.

MAINTENANCE

- Keep the gauge clean and free from dirt or debris.
- Store in a dry place away from extreme temperatures.
- Replace batteries promptly when the low battery indicator appears to ensure accurate readings.
- The Presta valve adapter should be kept in its designated storage slot within the battery compartment to prevent loss.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No display/Device won't turn on	Dead or incorrectly installed batteries.	Check battery polarity or replace with new AAA batteries.
Inaccurate readings	Gauge not firmly sealed on valve stem; tires are hot; low battery.	Ensure a tight seal; measure tire pressure when tires are cool; replace batteries.
Display difficult to read in bright sunlight	Direct sunlight glare.	Shield the display from direct sunlight or move to a shaded area.

SPECIFICATIONS

- **Brand:** AstroAI
- **Model:** B0CN3325KB
- **Material:** Acrylonitrile Butadiene Styrene (ABS)
- **Dimensions (L x W x H):** 6.3 x 1 x 2.2 inches
- **Weight:** 0.17 Pounds
- **Measurement Range:** 3-300 PSI
- **Accuracy:** ANSI B40.7 Grade 2A ($\pm 0.5\%$)
- **Measurement Units:** PSI, bar, kPa, kg/cm²
- **Power Source:** 2 x AAA Batteries
- **Included Components:** 1 x AstroAI Digital Tire Pressure Gauge, 1 x Presta Valve Adapter

WARRANTY AND SUPPORT

AstroAI is committed to providing high-quality products. This digital tire pressure gauge is manufactured from superior materials. If any damages from transportation or malfunctions occur, this product can be returned. For further assistance or warranty claims, please contact AstroAI customer support.

Contact Information: Please refer to the product packaging or the official AstroAI website for the most current customer support details.