

AstroAI L6S

AstroAI Portable Electric Ball Pump & Cordless Tire Inflator

MODEL: L6S - INSTRUCTION MANUAL

1. Introduction

Thank you for choosing the AstroAI Portable Electric Ball Pump & Cordless Tire Inflator, Model L6S. This device is designed for efficient and accurate inflation of various sports balls and small tires. This manual provides essential information for safe operation, setup, maintenance, and troubleshooting to ensure optimal performance and longevity of your product.

Package Contents:

- AstroAI Portable Electric Ball Pump (L6S)
- Inflation Needles (various types)
- Charging Cord
- User Manual

2. Safety Information

Please read and understand all safety instructions before using this product. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- Keep the device away from water and moisture.
- Do not operate the pump if it has been dropped or damaged.
- Keep out of reach of children.
- Use only the provided charging cord.
- Do not over-inflate items beyond their recommended pressure.
- Ensure the inflation needle is securely attached before operation.
- Avoid direct air stream at body to reduce risk of injury.

3. Product Overview

The AstroAI L6S pump is a compact and powerful device designed for convenience and accuracy. It

features a digital LCD screen for clear readings and intuitive controls.



Image: The AstroAI L6S Portable Electric Ball Pump, shown in yellow and black, alongside various sports balls (basketball, soccer, volleyball, rugby) and two inflation needles, highlighting its primary uses.

Key Features:

- **Fast Inflation:** Inflates a standard volleyball in less than 50 seconds with a 6L/min rate. Can inflate 140-150 volleyballs on a full charge.
- **Accurate Pressure Calibration:** Built-in digital sensor provides readings accurate to ± 0.4 PSI. Features automatic shutoff at preset pressure.
- **5 Preset Inflation Modes:** Includes Basketball, Soccer, Volleyball, Rugby, and Manual modes (2PSI to 20PSI). Memory function saves the last-set value.
- **Compact Size:** Weighs just half a pound with dimensions of 2.71*1.65*3.62 inches. Includes internal storage for inflation needles.
- **Multifunctional:** Inflation range of 2-20PSI, compatible with playground balls (2-3PSI), soccer/rugby balls (12-14PSI), and more. Operates with low noise (≤ 50 dB).

HD LCD SCREEN

Pressure Accuracy:

±0.2PSI



Image: A close-up view of the AstroAI L6S's HD LCD screen, clearly showing the digital display for inflation modes and real-time pressure readings.

REVOLUTIONARY OMNIVENT™ DISSIPATION

Quicker Heat Dissipation for Longer Lifespan



4 x Car Tires

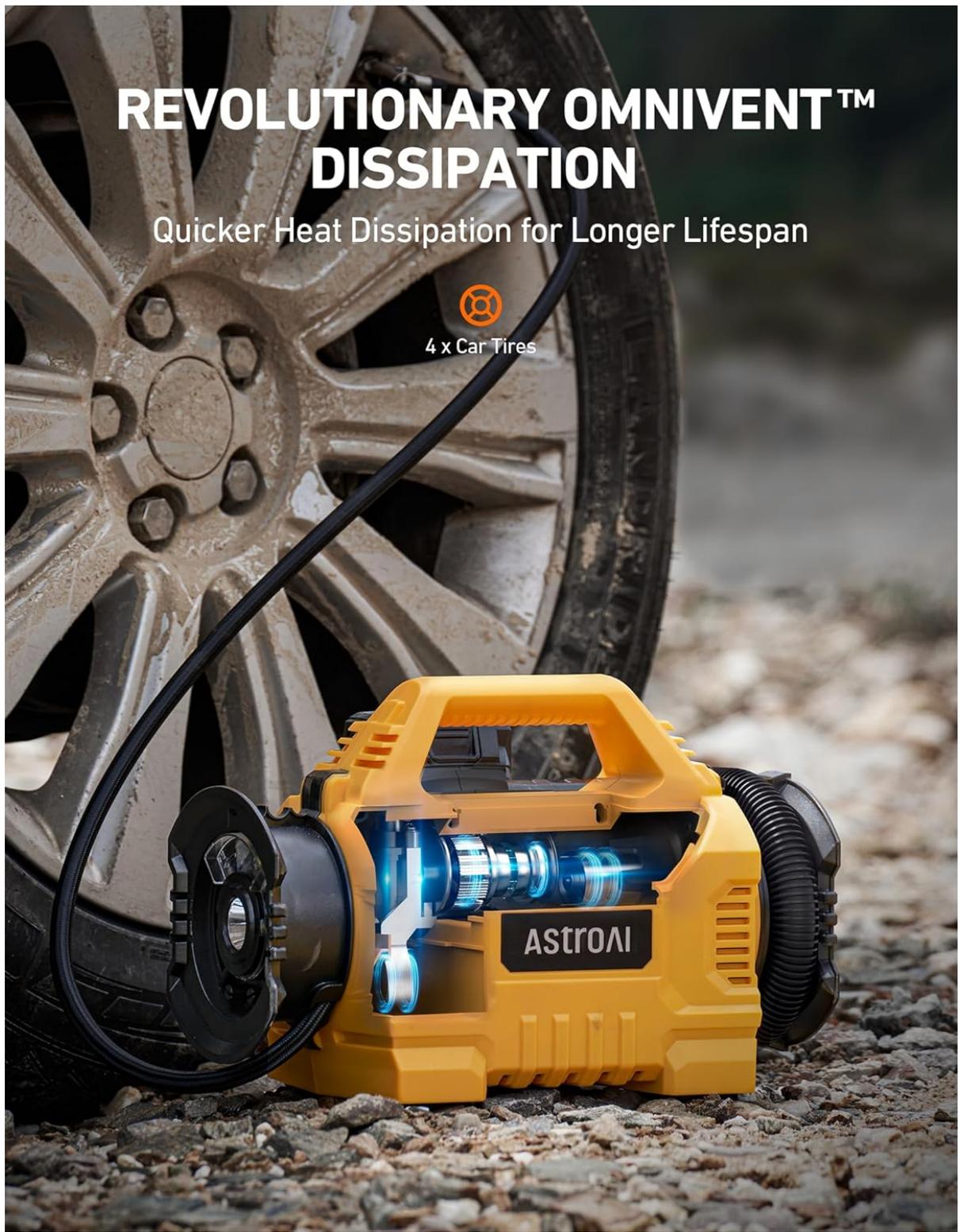


Image: The AstroAI L6S ball pump, emphasizing its compact design and the convenient internal storage compartment for inflation needles, making it highly portable.

4. Setup

Before first use, ensure the device is fully charged. Use the provided charging cord to connect the pump to a suitable power source. The battery indicator on the LCD screen will show charging status.

Attaching Inflation Needles:

1. Select the appropriate inflation needle for your item from the internal storage compartment.
2. Securely screw the chosen needle onto the pump's inflation port.

5. Operating Instructions

Follow these steps to inflate your items accurately and efficiently:

1. **Power On:** Press the power button to turn on the device. The LCD screen will illuminate.
2. **Connect to Item:** Attach the inflation needle firmly to the valve of the item you wish to inflate.
3. **Select Mode:** Press the 'Mode' button to cycle through the 5 preset modes: Basketball, Soccer, Volleyball, Rugby, or Manual. The memory function will recall the last-set pressure for each mode.
4. **Set Target Pressure:** Use the '+' and '-' buttons to adjust the desired pressure value. The screen displays both current and target PSI.
5. **Start Inflation:** Press the 'Play/Pause' button to begin inflation. The pump will automatically stop once the preset pressure is reached.
6. **Monitor Pressure:** The LCD screen continuously displays the real-time pressure during inflation.
7. **Stop Inflation (Manual):** If using Manual mode or needing to stop early, press the 'Play/Pause' button again.
8. **Disconnect:** Once inflation is complete, carefully remove the needle from the item.

5 PRESET MODES



6-8PSI
Basketball



12-14PSI
American Football



4-6PSI
Volleyball



10-12PSI
Soccer Ball



2-20PSI
Custom



Image: The AstroAI L6S ball pump showcasing its five preset inflation modes (Basketball, American Football, Volleyball, Soccer Ball, Custom) with recommended PSI ranges for each.

FAST INFLATION

Continuously Works for up to 20 Minutes

≤ **20** S
6PSI-8PSI



Basketball



Image: The AstroAI L6S ball pump actively inflating a basketball, demonstrating its fast inflation capability, with a graphic indicating less than 20 seconds for 6-8 PSI.

6. Maintenance

Proper maintenance ensures the longevity and performance of your AstroAI L6S pump.

- **Cleaning:** Wipe the device with a soft, dry cloth. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** Store the pump in a cool, dry place away from direct sunlight and extreme temperatures. Ensure inflation needles are stored in the internal compartment to prevent loss or damage.
- **Battery Care:** For optimal battery life, charge the device regularly, even if not in frequent use. Avoid completely draining the battery before recharging.

7. Troubleshooting

If you encounter any issues with your AstroAI L6S pump, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Pump does not turn on	Low battery or no charge.	Charge the device using the provided charging cord.
Slow inflation or no inflation	Inflation needle not securely attached or item valve is blocked.	Ensure needle is tightly screwed on. Check item valve for obstructions.
Inaccurate pressure reading	Needle not fully inserted or device malfunction.	Ensure needle is fully inserted. If problem persists, contact support.
Pump stops unexpectedly	Preset pressure reached (auto shutoff) or low battery.	Check if target pressure is met. Recharge device if battery is low.

8. Specifications

Specification	Value
Brand	AstroAI
Model	L6S
Power Source	Battery Powered
Air Flow Capacity	6 Liters Per Minute
Maximum Pressure	20 Pound per Square Inch (PSI)
Pressure Accuracy	±0.4PSI
Noise Output	≤50dB
Dimensions	2.71*1.65*3.62 inches
Weight	0.5 pounds

9. Warranty and Support

AstroAI products are designed and manufactured to the highest quality standards. This product comes with a limited warranty against defects in materials and workmanship. For warranty claims, technical support, or any questions regarding your product, please contact AstroAI customer service.

Contact Information:

- Please refer to the contact details provided in your product packaging or visit the official AstroAI website for the most up-to-date support information.

