

## ST-5007

# User Manual: Tire Inflator Portable Air Compressor

Model: ST-5007

Brand: Generic

## INTRODUCTION

This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your new Portable Tire Inflator. Please read this manual thoroughly before using the device and retain it for future reference.

## SAFETY INSTRUCTIONS

- Ensure the device is fully charged before use.
- Do not operate the inflator near flammable liquids or gases.
- Keep out of reach of children.
- Do not over-inflate tires; always refer to the vehicle's recommended tire pressure.
- Avoid continuous operation for extended periods to prevent overheating. Allow the device to cool down if it becomes hot.
- Do not disassemble or modify the device.
- Store in a dry place away from direct sunlight and extreme temperatures.

## PACKAGE CONTENTS

- Portable Tire Inflator
- Inflation Tube
- USB Charging Cable
- 4 x Nozzles (for car, bike, ball, swimming ring)



Image: The portable tire inflator unit shown with its included accessories: an inflation hose, a USB charging cable, and four different nozzle adapters for various inflation needs.

## PRODUCT OVERVIEW

---

Familiarize yourself with the components of your tire inflator:

- **Digital Display:** Shows current pressure, target pressure, and battery level.
- **Pressure Unit Button (R):** Short press to switch between BAR/PSI/KPA/KG/CM<sup>2</sup>. Long press to turn off.
- **+/- Buttons:** Adjust target pressure.
- **Power Button:** Start/stop inflation.
- **LED Light:** Provides illumination in low-light conditions.
- **Inflation Port:** Where the inflation tube connects.
- **USB Charging Port:** For recharging the device.

# Preset tire pressure, stop when fully charged



Image: A detailed view of the inflator's digital display, highlighting the pressure unit switch button (R) and the plus/minus buttons for adjusting the preset pressure.

## SETUP

1. **Initial Charge:** Before first use, fully charge the inflator using the provided USB cable. The digital display will indicate charging status. A full charge takes approximately 3-4 hours.
2. **Attach Inflation Tube:** Screw the inflation tube securely into the inflation port on the device.

## OPERATING INSTRUCTIONS

### General Inflation Steps:

1. **Connect to Tire Valve:** Screw the inflation tube's nozzle onto the tire valve stem. Ensure a tight connection to prevent air leakage.
2. **Power On:** The device typically powers on automatically when the inflation tube is connected or by pressing any

button.

3. **Select Pressure Unit:** Short press the "R" button to cycle through pressure units (BAR, PSI, KPA, KG/CM^2) until your desired unit is displayed.
4. **Set Target Pressure:** Use the "+" and "-" buttons to adjust the target pressure to the recommended value for your item (e.g., vehicle tire, bicycle tire, sports ball).
5. **Start Inflation:** Press the power button to begin inflation. The digital display will show the current pressure increasing.
6. **Automatic Shut-Off:** The inflator will automatically stop when the preset target pressure is reached.
7. **Disconnect:** Unscrew the inflation tube from the valve stem.
8. **Power Off:** Long press the "R" button to turn off the inflator.



Image: A step-by-step visual guide demonstrating the easy operation of the tire inflator, including connecting the hose, setting pressure, starting inflation, and the automatic shut-off feature.

**Using the LED Light:**

The built-in LED light can be activated to provide illumination during low-light conditions or nighttime use. Refer to the device's specific button for light activation (often a dedicated button or a long press of the power button).

## Four Preset Modes



Tires

36 PSI





Motorcycles

33 PSI





Bicycles

30 PSI





Balls

8 PSI



Image: The tire inflator in use, with its integrated LED light illuminating the tire valve area, demonstrating its utility for nighttime or low-light inflation.

### Using Different Nozzles:

The inflator comes with 4 extra nozzles for various applications:

- **Needle Nozzle:** For sports balls (e.g., basketballs, footballs).
- **Tapered Nozzles:** For inflatable toys, swimming rings, and other low-pressure inflatables.

Attach the appropriate nozzle to the inflation tube before connecting to the item to be inflated.

# LED Working Light, Easy Inflation at Night



Image: An illustration detailing the four preset inflation modes available on the device, showing recommended PSI levels for car tires (36 PSI), motorcycles (33 PSI), bicycles (30 PSI), and balls (8 PSI).

## MAINTENANCE

- **Cleaning:** Wipe the exterior of the inflator with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** Store the inflator and its accessories in a cool, dry place, away from direct sunlight and extreme temperatures. Ensure the inflation tube is neatly coiled.
- **Battery Care:** To prolong battery life, avoid fully discharging the battery frequently. Recharge the device periodically if not used for a long time.

## TROUBLESHOOTING

| Problem | Possible Cause | Solution |
|---------|----------------|----------|
|---------|----------------|----------|

| Problem                                         | Possible Cause                                 | Solution                                                                |
|-------------------------------------------------|------------------------------------------------|-------------------------------------------------------------------------|
| Inflator does not turn on.                      | Low battery; Device not activated.             | Charge the battery; Press the power button or connect the hose.         |
| Air leaks during inflation.                     | Hose not securely connected; Valve stem issue. | Ensure hose is tightly screwed onto valve; Check valve stem for damage. |
| Inflator stops before reaching target pressure. | Battery low; Overheating protection activated. | Recharge battery; Allow device to cool down for 10-15 minutes.          |
| Inaccurate pressure reading.                    | Incorrect pressure unit selected.              | Press "R" button to switch to desired pressure unit.                    |
| Device is noisy.                                | Normal operation; Obstruction in air intake.   | Some noise is normal. Check for any blockages in air vents.             |

## SPECIFICATIONS






- **Model Name:** ST-5007
- **Maximum Operating Pressure:** 150 PSI
- **Air Flow Capacity:** 12 L/Min
- **Battery:** 2 \* 2000 mAh high-density USB rechargeable Lithium-ion batteries (included)
- **Charging Time:** 3-4 hours
- **Continuous Usage Time:** Approximately 30 minutes (on full charge)
- **Input Voltage:** 12V (from internal battery)
- **Noise Level:** 10 dB (as per specification, though typical operating noise might be higher)
- **Item Weight:** 1.26 pounds
- **Dimensions:** 8.39 x 6.26 x 2.64 inches (Package Dimensions)

## WARRANTY & SUPPORT

This product comes with a **1-year warranty** from the date of purchase. For warranty claims, technical support, or any inquiries, please contact the seller or manufacturer through your purchase platform.

Please retain your proof of purchase for warranty validation.



|                                                                                    |                                                                                                                                                                                                                                                                                                                                                  |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|   | <p><a href="#">ST-5007 On-Board Air Compressor User Manual</a></p> <p>User manual for the ST-5007 On-Board Air Compressor, detailing component overview, technical specifications, usage instructions for digital and analog gauges, precautions, parts list, and unit conversion.</p>                                                           |
|   | <p><a href="#">SUTU ST-5007 On-Board Air Compressor: User Manual &amp; Guide</a></p> <p>Discover the SUTU ST-5007 On-Board Air Compressor. This manual provides essential information on usage, features, and safety for your portable tire inflator.</p>                                                                                        |
|   | <p><a href="#">SYTUNG Portable Car Air Pump User Manual</a></p> <p>User manual for the SYTUNG Portable Car Air Pump, detailing operation instructions, precautions, product specifications, and troubleshooting.</p>                                                                                                                             |
|   | <p><a href="#">Portable Car Air Pump ST-9616 User Manual: Inflation, Specifications &amp; Features</a></p> <p>Comprehensive user manual for the Portable Car Air Pump ST-9616. Learn how to use, inflate tires, check pressure, and understand its features, specifications, and troubleshooting for cars, motorcycles, bicycles, and balls.</p> |
|  | <p><a href="#">Jasion EB7 ST Electric Bike User Manual</a></p> <p>Comprehensive user manual for the Jasion EB7 ST electric bike, covering assembly, operation, safety, maintenance, and troubleshooting.</p>                                                                                                                                     |