

1. Overview

The Lazyshine Portable Tire Inflator is a cordless, rechargeable air compressor designed for inflating tires and other inflatables. It features an automatic shut-off function, a digital pressure gauge, and an integrated LED light.



Key Components:

- Main unit with LCD display and control buttons
- Air hose with nozzle
- USB-C charging cable
- Accessories: Presta valve adapter, inflation nozzle adapter, ball needle

2. Features and Specifications

2.1 Physical Specifications

- **Dimensions:** 3.7" L x 1.85" W x 5.11" H
- **Weight:** 0.88 lb (16 ounces)
- **Hose Length:** 30 cm
- **Material:** Alloy Steel, Plastic
- **Color:** Black & Orange

2.2 Performance Specifications

- **Maximum Pressure:** 150 PSI
- **Pressure Units:** PSI, KPA, BAR, KG/CM²
- **Voltage:** 7.4V
- **Power Source:** Built-in rechargeable battery
- **Air Flow:** 35 Liters Per Minute
- **Noise Level:** 60 Decibels
- **Maximum Power:** 90 Watts

2.3 Display and Controls



The main unit features:

- **LCD Display:** Shows real-time pressure and preset target value.
- **Power Button:** Turns the device on/off and starts/stops inflation.
- **"Refresh" Shape Button:**
 - **Quick Press:** Cycles through four inflation modes (Bicycle, Motorcycle, Car, Ball).
 - **Long Press:** Switches between pressure units (PSI, KPA, BAR, KG/CM²).
- **+ / - Buttons:** Used to set the desired target pressure value.
- **LED Light:** Located at the top of the unit for illumination in dark conditions.
- **Ports:** USB-C input port for charging, USB-A output port for charging electronic devices.

3. Use Guide

3.1 Before First Use: Charging

1. Connect the provided USB-C cable to the USB-C port on the top of the inflator.
2. Connect the other end to a standard USB power adapter (not included) or a computer USB port.
3. Charge the device fully before initial use. The battery indicator on the LCD display will show the charging status.

3.2 Setting the Target Pressure

1. Press the Power button to turn on the device.
2. Use the + and - buttons to set your desired pressure value. The target value will be shown on the display.
3. To change the pressure unit (e.g., from PSI to BAR), press and hold the "Refresh" button until the unit changes.
4. To select a pre-set inflation mode (Bike, Motorcycle, Car, Ball), quickly press the "Refresh" button to cycle through the options.

3.3 Inflating a Tire



1. Remove the valve cap from the tire's valve stem.
2. Attach the appropriate nozzle from the air hose firmly onto the valve stem.
 - For standard car/bike tires (Schrader valve), use the main nozzle.
 - For some bicycles (Presta valve), screw on the included Presta valve adapter first.
 - For balls, attach the ball needle to the nozzle.

3. Ensure the inflator is turned on and the correct target pressure is set.
4. Press the Power button to begin inflation. The display will show the rising real-time pressure.
5. The inflator will automatically stop when the preset target pressure is reached.
6. Disconnect the nozzle from the valve stem and replace the valve cap.

Note: Do not leave the inflator unattended during use. The auto shut-off is a safety feature but should be monitored.

3.4 Using the LED Light and Power Bank

- **LED Light:** The light turns on automatically when the device is powered on. It is useful for nighttime inflation or emergencies.
- **Power Bank Function:** You can use the USB-A output port on the top of the unit to charge mobile phones or other USB devices. Connect your device using a standard USB cable.

3.5 Battery Life and Performance

On a full charge, the inflator is capable of:

- Inflating approximately 5 car tires (from 27 to 35 PSI).
- Inflating approximately 10 motorcycle tires.

Monitor the battery indicator on the LCD display. Recharge the device when the battery level is low.

4. Care and Maintenance

- Store the inflator and accessories in a cool, dry place.
- Keep the air intake vents clear of obstructions.
- Periodically check the hose and nozzles for wear or damage.
- Recharge the battery at least once every three months if the device is not in regular use to maintain battery health.
- Clean the exterior with a dry cloth. Do not use liquids or submerge the unit.

5. Troubleshooting

Problem	Possible Cause	Solution
Inflator does not turn on.	Battery is depleted.	Connect to USB-C charger and recharge.
Inflation stops before reaching target pressure.	Motor overheating protection activated.	Allow the unit to cool down for 10-15 minutes before resuming.
Air is leaking from the connection.	Nozzle is not securely attached to the valve stem.	Press the nozzle firmly onto the valve and ensure it is straight.
Pressure reading seems inaccurate.	Unit may need calibration or valve connection is poor.	Ensure a tight seal on the valve. Compare with a separate pressure gauge for verification.
Device does not auto shut-off.	Target pressure may be set incorrectly or the auto shut-off sensor is obstructed.	Check the target pressure setting. Monitor inflation manually and stop if auto shut-off fails.

6. Safety Information

WARNING:

- This product contains a lithium-ion battery. Do not puncture, crush, or expose to high heat or fire.
- Do not use the inflator in rain or wet conditions.
- Do not operate the inflator continuously for more than 10 minutes. Allow it to cool between uses.
- Keep away from children. Small parts are a choking hazard.
- Use only for inflating items specified in this manual (car, bike, motorcycle tires, balls). Do not use for breathing apparatus or other medical applications.
- Always check the maximum pressure rating of the item you are inflating. Do not exceed the manufacturer's recommended pressure.

7. Warranty and Support

Manufacturer's Warranty: This product is backed by a 1-year limited warranty from Lazyshine.

For support or warranty claims: Contact the seller through your Amazon purchase history or visit the Lazyshine Store page on Amazon.

Model Number: LS4012

ASIN: B0G2GX41GL

Warning

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