

FBK ST-08

FBK Portable Tire Inflator Digital Air Compressor ST-08 User Manual

Model: ST-08

1. INTRODUCTION

Thank you for purchasing the FBK Portable Tire Inflator Digital Air Compressor, Model ST-08. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your new device. Please read this manual thoroughly before use and retain it for future reference.

2. SAFETY INSTRUCTIONS

To prevent injury or damage to the device, always observe the following safety precautions:

- Ensure the vehicle's engine is running when using the inflator to avoid draining the car battery.
- Do not operate the air compressor continuously for more than 15 minutes. Allow the unit to cool down for at least 15 minutes after each 15-minute use period.
- Keep the device away from children.
- Do not expose the inflator to rain or moisture.
- Avoid over-inflating tires. Always refer to the vehicle manufacturer's recommended tire pressure.
- This pump is not intended for use with high-pressure or large-volume applications such as inflatable pools or canoes.
- Always use the correct nozzle adaptor for the item being inflated.
- If the device emits unusual noises or smells, discontinue use immediately and consult the troubleshooting section.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- FBK Portable Tire Inflator Digital Air Compressor (Model ST-08)
- Nozzle Adaptors (4 types)
- Spare Fuse (1)
- User Manual
- Carrying Case

4. PRODUCT OVERVIEW

Familiarize yourself with the components of your FBK Portable Tire Inflator:



Image 1: FBK Portable Tire Inflator Digital Air Compressor ST-08. This image displays the main unit, featuring a digital display, control buttons, an integrated LED light, and a handle for portability. The 12V DC power cord with a cigarette lighter plug is visible, along with the air hose. Various nozzle adaptors and a spare fuse are shown in the foreground, illustrating the included accessories.

- **Digital Display:** Shows current tire pressure and preset pressure values. Displays in PSI, BAR, and KG/CM².
- **Control Buttons:**
 - "R" Button: Used to select pressure unit (PSI, BAR, KG/CM²).
 - "+" and "-" Buttons: Adjust desired pressure value.

- Power Button: Turns the inflator on/off.
- Light Button: Activates/deactivates the LED light.
- **LED Light:** Provides illumination for use in low-light conditions or emergencies.
- **Air Hose:** Connects to the tire valve.
- **12V DC Power Cord:** Connects to a vehicle's cigarette lighter socket.
- **Nozzle Adaptors:** Various types for different inflation needs (e.g., car tires, bicycle tires, sports balls).

5. SETUP

1. **Start Vehicle Engine:** Ensure your vehicle's engine is running to provide stable power to the inflator and prevent battery drain.
2. **Connect Power:** Insert the 12V DC power plug into your vehicle's cigarette lighter socket.
3. **Attach Air Hose:** Screw the air hose connector onto the tire valve stem. Ensure a tight seal to prevent air leakage.
4. **Select Nozzle (if needed):** For items other than standard car tires, select the appropriate nozzle adaptor and attach it to the air hose connector before attaching to the item's valve.

6. OPERATING INSTRUCTIONS

6.1. Inflating Tires

1. **Power On:** The digital display will illuminate, showing the current tire pressure.
2. **Select Pressure Unit:** Press the "R" button repeatedly to cycle through pressure units (PSI, BAR, KG/CM²) until your desired unit is displayed.
3. **Set Desired Pressure:** Use the "+" and "-" buttons to set the target pressure. Ensure this value is higher than the current tire pressure. Refer to your vehicle's manual or door jamb sticker for recommended tire pressure.
4. **Start Inflation:** Press the power button to begin inflation. The compressor will automatically shut off once the preset pressure is reached.
5. **Disconnect:** Once inflation is complete, disconnect the air hose from the tire valve and unplug the power cord from the vehicle.
6. **Cool Down:** If continuous operation exceeds 15 minutes, allow the compressor to cool for at least 15 minutes before further use.

6.2. Using the LED Light

The integrated LED light can be used for illumination in dark environments:

- Press the "Light" button once to turn on the LED light.
- Press the "Light" button again to cycle through different light modes (if available, e.g., steady, flashing).
- Press the "Light" button a third time to turn off the LED light.

7. MAINTENANCE

- **Cleaning:** Wipe the exterior of the compressor with a soft, damp cloth. Do not use harsh chemicals

or abrasive cleaners.

- **Storage:** Store the inflator and its accessories in the provided carrying case in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Fuse Replacement:** If the inflator stops working, check the fuse located in the 12V DC power plug. Replace it with the provided spare fuse if necessary.
- **Cord Care:** Ensure the power cord and air hose are not kinked or damaged during storage.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Inflator does not turn on.	12V DC power plug not fully inserted. Vehicle engine not running. Blown fuse in the power plug.	Ensure plug is securely inserted. Start the vehicle engine. Replace the fuse with the spare.
Slow inflation or no air output.	Air hose not securely attached to valve. Air hose or nozzle adaptor is blocked. Compressor overheated (auto shut-off).	Check and tighten the connection. Inspect for obstructions and clear them. Allow the unit to cool down for 15 minutes.
Inaccurate pressure reading.	Loose connection to tire valve. Unit not calibrated (unlikely for new unit).	Ensure a tight seal on the tire valve. Compare with a known accurate gauge if concerns persist. Note: The unit is calibrated to ± 1.5 PSI.

9. SPECIFICATIONS

- **Model:** ST-08
- **Power Source:** 12V DC (Corded Electric)
- **Maximum Pressure:** 150 PSI
- **Air Flow Rate:** 35 L/min
- **Inflation Time (195/65R15 tire, 0-35 PSI):** Under 5 minutes
- **Pressure Accuracy:** ± 1.5 PSI
- **Power Cord Length:** 10.83 ft (approx. 3.3 meters)
- **Item Weight:** 980 g
- **Dimensions:** 24.41 x 15.19 x 11.1 cm (Parcel Dimensions)
- **Special Features:** Portable, Digital Display, Auto Shut-Off, Emergency LED Light
- **Included Components:** Nozzle Adaptors, Spare Fuse

10. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the contact details provided with your

purchase documentation or visit the official FBK website. Please have your model number (ST-08) and purchase date available when contacting support.