

TBCR Tire Inflator Portable Air Compressor

TBCR 16000mAh Portable Cordless Tire Inflator Air Compressor User Manual

Model: Tire Inflator Portable Air Compressor

1. INTRODUCTION

Thank you for choosing the TBCR 16000mAh Portable Cordless Tire Inflator Air Compressor. This device is designed for efficient and convenient inflation of various items, including car, motorcycle, and bicycle tires, as well as sports balls. Its compact design, powerful battery, and smart features make it an essential tool for roadside emergencies, outdoor activities, and everyday maintenance.

2. SAFETY INFORMATION

- Read all instructions carefully before use.
- Keep out of reach of children.
- Do not operate the inflator in wet conditions or near flammable liquids/gases.
- Ensure the air hose is securely connected to the valve before starting inflation.
- Do not over-inflate. Always refer to the recommended pressure for your item.
- Monitor the inflation process to prevent damage.
- If the device overheats, allow it to cool down before further use.
- Use only the provided charging cables and accessories.

3. PACKAGE CONTENTS

- TBCR Portable Cordless Tire Inflator
- Air Hose with Valve Connector
- USB-C Charging Cable
- DC 12V Car Power Cable
- Various Nozzle Adapters (for balls, bicycles, etc.)
- Storage Bag
- User Manual



Figure 3.1: The TBCR Portable Tire Inflator Air Compressor is shown with its accessories, demonstrating its versatility for inflating car, motorcycle, bicycle tires, and sports balls.

4. PRODUCT OVERVIEW

FAST INFLATION

≤ **50** s
26-51PSI



Airflow: 25L/Min



Figure 4.1: Front view of the inflator, highlighting the control panel and digital display.

DUAL POWER SUPPLY NEVER POWER OFF

HIGH VOLTAGE BATTERY



Battre



9.2 FT LONG POWER CORD



DC12V



Figure 4.2: Top view of the inflator, showing the air hose connection port, USB-A output, USB-C input, DC 12V input, and LED light.

Controls and Display:

- **Digital Display:** Shows preset pressure, real-time pressure, battery level, and selected unit (PSI, BAR, KPA, KG/CM²).
- **Power Button:** Turns the device on/off.
- **Mode Button:** Cycles through preset inflation modes (Car, Motorcycle, Bicycle, Ball, Custom).
- **+/- Buttons:** Adjusts the target pressure value.
- **Light Button:** Activates the LED light (Normal, SOS, Flashing).

5. SETUP

5.1 Charging the Inflator

The inflator features a built-in 16000mAh battery. Ensure the device is fully charged before first use for optimal performance.

- **Using USB-C:** Connect the provided USB-C cable to the inflator's USB-C input port and a compatible USB power adapter (not included).

- **Using DC 12V Car Power:** For emergencies or when a wall adapter is unavailable, connect the provided DC 12V car power cable to the inflator's DC input port and your vehicle's cigarette lighter socket.

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Figure 5.1: Illustration of the dual power supply options for charging the inflator.

5.2 Attaching the Air Hose and Adapters

- Screw the air hose securely into the designated port on the top of the inflator.
- Select the appropriate nozzle adapter for the item you wish to inflate. For car/motorcycle/bicycle tires, use the standard valve connector. For sports balls, use the needle adapter.
- Attach the selected adapter to the end of the air hose.

PRECISE TIRE PRESSURE SENSORS WITH AUTO SHUT-OFF



Figure 5.2: The inflator shown with its various nozzle adapters, including those for tires and sports balls.

6. OPERATING INSTRUCTIONS

6.1 Basic Inflation Steps

1. **Connect:** Remove the valve cap from the item to be inflated and securely connect the air hose with the appropriate adapter.
2. **Power On:** Press and hold the Power button for 3 seconds to turn on the inflator. The digital display will light up.
3. **Select Mode:** Press the Mode button to cycle through the preset inflation modes (Car, Motorcycle, Bicycle, Ball) or select the Custom mode.
4. **Set Pressure:** Use the '+' and '-' buttons to adjust the target pressure to your desired PSI, BAR, KPA, or KG/CM². The inflator will automatically display the current pressure once connected.
5. **Start Inflation:** Press the Power button again to start the inflation process. The inflator will automatically stop once the target pressure is reached.
6. **Disconnect:** Carefully disconnect the air hose from the valve and replace the valve cap.



Figure 6.1: Visual guide for the four-step easy operation of the inflator.

6.2 Changing Pressure Units

While the inflator is on, briefly press the Mode button to cycle through the available pressure units: PSI, BAR, KPA, and KG/CM².



Figure 6.2: The inflator's display showing different inflation modes and selectable pressure units.

6.3 Using the LED Light

Press the Light button to activate the built-in LED light. Press again to cycle through different modes: Normal illumination, SOS signal, and Flashing warning light. Press a fourth time to turn off the light.

EASY OPERATION



Figure 6.3: The inflator's LED light in use, providing illumination for dark environments or emergency signaling.

6.4 Using as a Power Bank

The inflator can also function as a portable power bank. Connect your smartphone, tablet, or other USB-powered devices to the USB-A output port (5V/2A) to charge them.

7. MAINTENANCE

7.1 Cleaning and Storage

- Wipe the device with a soft, dry cloth. Do not use harsh chemicals or abrasive cleaners.
- Ensure the device is dry before storing.
- Store the inflator and its accessories in the provided storage bag in a cool, dry place, away from direct sunlight and extreme temperatures.

7.2 Fuse Replacement (for DC 12V Car Power Cable)

If the DC 12V car power cable stops working, the fuse may need replacement.

1. Unscrew the nut on the car charging cable head.
2. Carefully remove the old fuse.
3. Insert a new fuse (additional fuses are included in the package).
4. Screw the nut back on tightly.



Figure 7.1: Step-by-step guide for replacing the fuse in the car power cable.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Inflator does not turn on.	Low battery; Power button not held long enough.	Charge the device; Press and hold the Power button for 3 seconds.
No inflation or slow inflation.	Air hose not securely connected; Wrong adapter used; Item already at target pressure.	Ensure all connections are tight; Use correct adapter; Check current pressure reading.
Device overheats.	Continuous operation for too long.	Turn off the device and allow it to cool down for at least 15-20 minutes.
Inaccurate pressure reading.	Loose connection to valve.	Ensure the air hose is tightly screwed onto the valve stem.

9. SPECIFICATIONS

- **Brand:** TBCR
- **Model Name:** Tire Inflator Portable Air Compressor
- **Power Source:** Battery Powered (16000mAh internal battery) / DC 12V
- **Max Pressure:** 150 PSI
- **Voltage:** 12 Volts (DC)
- **Item Weight:** 1.96 pounds (0.89 Kilograms)
- **Color:** Black
- **Package Dimensions:** 7.8 x 5.08 x 2.91 inches
- **Input/Output:** 5V/2A USB output/input port
- **Inflation Speed:** Inflates standard automotive tires (195/55/R15) from 28 PSI to 33 PSI in under one minute.
- **Measurement Accuracy:** ± 1 PSI

10. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the contact details provided with your purchase or visit the official TBCR website. Keep your purchase receipt as proof of purchase.