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› OlarHike TIX7V101 Portable Heavy Duty Tire Inflator User Manual

OlarHike TIX7V101

OlarHike TIX7V101 Portable Heavy Duty Tire Inflator User Manual

Model: TIX7V101

Brand: OlarHike

1. PRODUCT OVERVIEW

The OlarHike TIX7V101 is a powerful, portable tire inflator designed for heavy-duty use across various vehicles, including cars, pickup trucks, Jeeps, SUVs, and RVs. It features a 12000mAh rechargeable battery for cordless operation and a 12V DC car cable for continuous power. The inflator includes a digital pressure gauge, an auto-stop function, and a multi-mode LED light for convenience and safety.



Image: OlarHike TIX7V101 Portable Heavy Duty Tire Inflator with its digital display and hose connected.

2. PACKAGE CONTENTS

Before use, please verify that all items are present in the package:

- Heavy Duty Inflator (TIX7V101)
- Rugged EVA Case
- 12V DC Car Cable
- USB Charging Cable
- 2 x Braided Nylon Hoses (Long & Short)
- Lock-On Air Chuck
- Full Adapter Set (for various inflatables)



Image: All components of the OlarHike TIX7V101 kit laid out, including the inflator, hoses, cables, adapters, and EVA case.

3. SETUP

3.1 Charging the Device

The OlarHike TIX7V101 features a 12000mAh battery with 45W PD Bidirectional Fast-Charging. To charge the device, connect the USB charging cable to the inflator and a suitable power adapter. The battery charges to 80% in approximately 1.5 hours with fast charging. Ensure the device is fully charged before initial use for optimal performance.



Image: The OlarHike TIX7V101 inflator connected via USB-C to charge a laptop, demonstrating its power bank capability.

3.2 Connecting the Air Hose

The inflator uses a patented Twist-Lock system for secure hose connection. Choose between the built-in screw-on connector or the included lock-on air chuck for flexibility.

1. **Twist-Lock Connection:** Insert the hose into the port on the inflator and twist to lock it securely. Listen for a "click" to confirm it's locked.
2. **Screw-On Connector:** For a classic, secure seal, screw the hose directly onto the tire valve stem.
3. **Quick-Connect Method:** Attach the included Lock-on Air Chuck to the hose. Press the chuck onto the valve and flip the lever to lock it in place.

The Complete Kit Ready For Anything

- 1 Heavy-Duty Inflator
- 2 Rugged Eva Case
- 3 12V Dc Car Cable
- 4 Lock-On Air Chuck
- 5 Full Adapter Set
- 6 2X Braided Nylon Hoses (Long & Short)
- 7 Charging Cable



Image: Demonstrates the Twist-Lock port on the inflator and two methods for connecting to a tire valve: classic screw-on and rapid lock-on.

3.3 Power Options

The inflator offers dual power modes:

- **Cordless Freedom:** Use the built-in rechargeable 12000mAh battery for on-the-go inflation.
- **Continuous Power:** Plug into any standard 12V car cigarette lighter using the included cable for extended operation, even if the internal battery is depleted.

Hybrid Power System Never Get Stranded by a Dead Battery



Image: Illustrates the two power options: cordless operation with the onboard battery and direct power from a vehicle's 12V port.

4. OPERATING INSTRUCTIONS

4.1 Powering On/Off

Press and hold the power button (U) for 3 seconds to turn the inflator on or off.

4.2 Selecting Inflation Mode

The inflator offers multiple preset modes for different items. Press the mode selection button (icon with multiple squares) to cycle through Car, Motorcycle, Bicycle, Ball, and Custom modes. Each mode has a default pressure setting, which can be adjusted.

4.3 Adjusting Pressure Unit

Tap the 'U' button to cycle through different pressure units: PSI, BAR, KPA, and Kg/cm².

4.4 Setting Target Pressure

Use the '+' and '-' buttons to adjust the desired target pressure. The digital display will show the current pressure and the set target pressure.

4.5 Starting and Stopping Inflation

Once the hose is connected and the target pressure is set, press the power button **U**) to start inflation. The inflator will automatically stop once the target pressure is reached. To manually stop inflation, press the power button again.

4.6 LED Light Operation

The inflator is equipped with a 350-Lumen LED light with three modes:

- **Steady Mode:** Provides continuous illumination for working in low-light conditions.
- **Warning Mode:** Flashing red light for roadside visibility.
- **SOS Rescue Mode:** Flashing SOS signal for emergencies.

Press the light button (sun icon) to cycle through the light modes.



Image: Illustrates the three modes of the LED light: Intense Light, Warning Strobe, and SOS Beacon.

4.7 Inflation Performance

The industrial-grade twin-cylinder engine and high-torque motor provide substantial airflow. For example, a 195/65R15 sedan tire (30-35 PSI) can be inflated in approximately 20 seconds.



Image: Shows the rapid inflation capabilities for different tire types, such as pickup truck and sedan tires.

4.8 Battery Endurance

The 12000mAh battery can inflate a standard 195 tire up to 44 times on a single charge, or top off pickup truck tires 12 times. It offers 365+ days of standby time.



Image: Illustrates the battery capacity for multiple tire inflations and extended standby time.

4.9 Integrated Storage

The inflator features an integrated storage system for accessories, keeping them organized and readily accessible within the rugged EVA carry case.



Image: Shows the rugged EVA carry case and a hidden accessory bay on the inflator for organized storage.

5. MAINTENANCE

To ensure the longevity and optimal performance of your OlarHike TIX7V101 tire inflator, follow these maintenance guidelines:

- **Cleaning:** Wipe the exterior of the inflator with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners. Ensure all ports are free of dust and debris.
- **Storage:** Store the inflator and its accessories in the provided EVA case in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Battery Care:** For best battery life, charge the device fully at least once every three months, even if not in use. Avoid completely draining the battery for extended periods.
- **Hose Inspection:** Regularly inspect the air hoses and connectors for any signs of wear, cracks, or damage. Replace if necessary to maintain a secure seal.

6. TROUBLESHOOTING

If you encounter issues with your OlarHike TIX7V101, refer to the following common troubleshooting steps:

- **Device Not Turning On:** Ensure the battery is charged. If using the 12V DC car cable, ensure it is securely connected to both the inflator and the vehicle's power outlet.
- **Slow Inflation or No Inflation:**
 - Check that the air hose is securely connected to both the inflator and the tire valve. A loose connection can cause air leakage.
 - Verify that the correct inflation mode is selected for the item being inflated.
 - Ensure the target pressure is set correctly and is within the device's operating range (up to 160 PSI).
 - Check the battery level. Low battery can affect inflation speed and power.
- **Inaccurate Pressure Reading:** Ensure the hose is properly attached to the tire valve. Disconnect and re-connect to reset the reading if necessary.
- **Overheating:** The device is equipped with thermal protection. If it overheats, it may temporarily shut down. Allow it to cool down before resuming operation.
- **Error Codes:** If an error code appears on the display, refer to the full user manual for specific code meanings and solutions.

The inflator features an advanced Battery Management System (BMS) for safety, including protection against over-charge, over-discharge, over-current (19A), short-circuit, and temperature regulation.

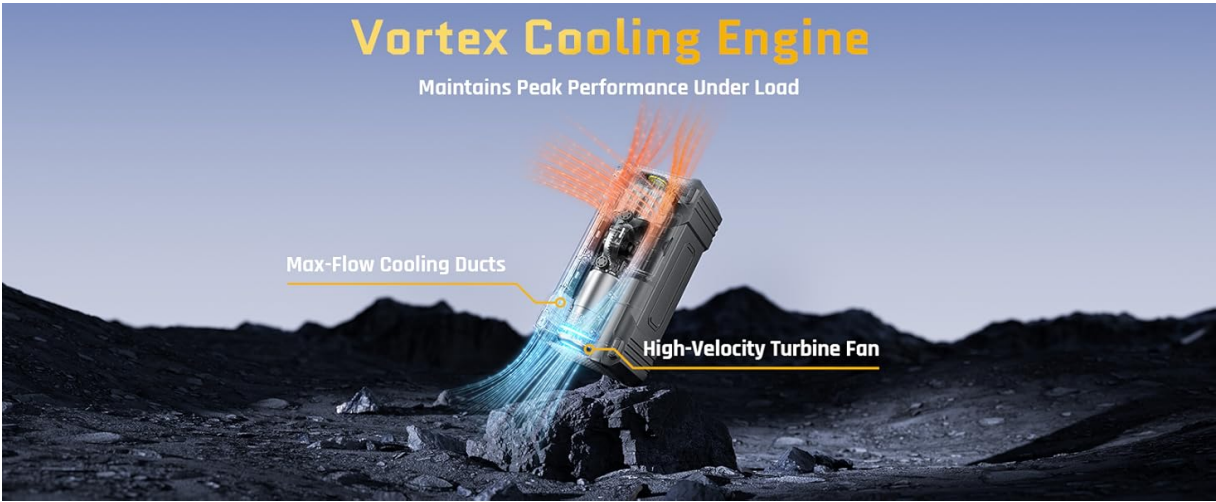


Image: Diagram showing the internal components and various safety protections provided by the Smart BMS, including over-charge, over-discharge, over-current, short-circuit, motor stall, and thermal protection.

7. SPECIFICATIONS

Feature	Specification
Brand	OlarHike
Model Name	TIX7V101
Voltage	10.8 Volts
Recommended Uses	Tire Inflation

Power Source	Battery Powered / 12V DC Car Cable
Noise Level	78 Decibels
Special Features	Automatic Shut-Off, Cordless, Heavy Duty, LCD Display, Quick Inflation
Item Weight	3.2 Pounds
Maximum Power	96 Watts
Color	Yellow
Material	Metal
Product Dimensions	7.3"L x 3.8"W x 2.5"H
Air Flow Capacity	50 Liters Per Minute
Hose Length	24 Inches
Maximum Operating Pressure	160 PSI
Battery Capacity	12000mAh

8. WARRANTY AND SUPPORT

OlarHike products are manufactured to high-quality standards. For warranty information, please refer to the documentation included with your purchase or contact OlarHike customer support. If you have any questions, concerns, or require technical assistance, please reach out to our customer support team through the contact information provided on our official website or your purchase platform.

9. OFFICIAL PRODUCT VIDEO

Watch the official product video for a visual guide on how to use your OlarHike TIX7V101 Portable Air Compressor.

Your browser does not support the video tag.

Video: An official demonstration of the OlarHike Cordless Tire Inflator Portable Air Compressor, showcasing its features and ease of use.