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› Neakhmer N21 Portable Tire Inflator: Cordless Air Pump User Manual

Neakhmer N21

Neakhmer N21 Portable Tire Inflator User Manual

Model: N21

1. INTRODUCTION

Thank you for choosing the Neakhmer N21 Portable Tire Inflator. This cordless air pump is designed for convenient and efficient inflation of car tires, motorcycle tires, bicycle tires, and various balls. It features a digital pressure gauge, automatic shut-off, and multiple preset modes for ease of use. Please read this manual thoroughly before operation to ensure proper use and maintenance.

2. PACKAGE CONTENTS

Verify that all items are present in your package:

- 1x Neakhmer N21 Portable Tire Inflator
- 1x Type-C USB Charging Cable
- 1x Air Hose
- 1x Storage Bag
- 1x Cigarette Lighter Power Cable (12V DC)
- 4x Air Nozzles (Presta valve adapter, needle valve for balls, etc.)
- 1x Spare Fuse

SMART COOLING SYSTEM



Image: Neakhmer N21 Portable Tire Inflator with all accessories, including charging cables, air hose, nozzles, and storage bag.

3. PRODUCT FEATURES

- **Rapid Inflation and Deflation:** Inflates tires quickly with 1 PSI precision. Features a deflation button on the high-pressure air hose for precise pressure adjustments.
- **High-Capacity Battery:** A single charge can inflate multiple car, motorcycle, or bicycle tires, and numerous balls.

Provides reliable power for various situations.

- **One-Touch Inflation with Preset Modes:** Offers 4 preset modes (car, bicycle, motorcycle, ball) and 4 pressure units (PSI, KPA, BAR, Kg/cm²). The smart chip remembers your last setting for convenience and prevents over-inflation.
- **User-Friendly Design:** Equipped with a 15.74-inch heat-resistant air hose with a 360-degree rotating head for easy connection. Integrated LED lights provide illumination for nighttime use, including white light, slow flashing red for warnings, and fast flashing red for SOS signals.
- **Multifunctional:** Functions as a portable air pump, a power bank for smartphones (5V/2A USB-C and USB-A ports), a flashlight, and includes a built-in digital tire pressure gauge.
- **Dual Power Supply:** Can be used cordlessly with its internal battery or powered via a 12V DC car cigarette lighter socket.

4. SETUP

4.1 Charging the Device

Before first use, fully charge the tire inflator. You can charge it using the provided Type-C USB cable with a standard USB wall adapter (not included) or a car charger. The device can also be powered directly using the 12V cigarette lighter power cable for continuous operation without relying on the internal battery.

ALL-IN-ONE INFLATOR & DEFLATOR

Inflation



Deflation



Image: The Neakhmer N21 inflator demonstrating its dual power supply options: cordless operation and direct power from a 12V DC car socket.

4.2 Attaching the Air Hose and Nozzles

1. Screw the air hose securely onto the inflator's air outlet port.
2. Select the appropriate nozzle for the item you wish to inflate (e.g., Schrader valve for car/motorcycle tires, Presta valve adapter for some bicycles, needle valve for balls).
3. Attach the selected nozzle to the free end of the air hose.

5. OPERATING INSTRUCTIONS

5.1 Inflation Process

1. **Connect Hose:** Twist the air hose onto the pump, then connect the other end to the valve stem of the item to be inflated.
2. **Power On:** Press the power button to turn on the inflator. The current pressure will be displayed.
3. **Select Mode:** Press the mode button (often represented by a circular arrow or 'M') to cycle through preset modes (car, bicycle, motorcycle, ball).
4. **Select Pressure Unit:** If needed, press the unit button (often represented by a 'U' or similar icon) to switch between PSI, KPA, BAR, or Kg/cm².
5. **Set Target Pressure:** Use the '+' and '-' buttons to adjust the desired target pressure. The device will remember your last setting for each mode.
6. **Start Inflation:** Press the power button again to begin inflation. The inflator will automatically stop once the target pressure is reached.



Image: A visual guide illustrating the six steps for operating the Neakhmer N21 Portable Tire Inflator, from connecting the hose to starting inflation.

5.2 Automatic Shut-Off

The Neakhmer N21 features an automatic shut-off function. Once the set target pressure is reached, the inflator will automatically stop, preventing over-inflation and ensuring safety.



Image: The Neakhmer N21 inflator positioned next to a car tire, highlighting its auto shut-off capability for precise inflation.

5.3 Deflation Function

The air hose is equipped with a deflation button. If you over-inflate or need to reduce pressure for specific terrains (e.g., sand, mud, snow), press this button to release air until the desired pressure is achieved.

ONE BUTTON DEFLATE

Deflate with Ease, Anytime, Anywhere



Image: Close-up of the air hose showing the 360-degree rotating head and the air release button for controlled deflation.

5.4 LED Lighting Modes

The inflator includes an LED light with multiple modes:

- **White Light:** For general illumination during nighttime use.
- **Slow Flashing Red:** A warning signal for roadside emergencies.
- **Fast Flashing Red (SOS):** An emergency distress signal.

5.5 Using as a Power Bank

The device features 5V/2A USB-C and USB-A ports, allowing it to function as a power bank to charge smartphones or other small electronic devices.

5.6 Official Product Video

Your browser does not support the video tag.

Video: An official product video demonstrating the Neakhmer portable tire inflator in use for car tires, showcasing its features and ease of operation.

6. MAINTENANCE

- **Cleaning:** Wipe the device with a soft, dry cloth. Do not use harsh chemicals or immerse in water.
- **Storage:** Store the inflator in a cool, dry place, away from direct sunlight and extreme temperatures. Use the provided storage bag to protect it from dust and damage.
- **Battery Care:** For optimal battery life, charge the device fully every 3-6 months if not in regular use. Avoid completely draining the battery for extended periods.
- **Hose and Nozzles:** Ensure the air hose and nozzles are clean and free from debris before and after each use.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Device does not turn on	Low battery; Power button not pressed correctly	Charge the device; Press and hold the power button for 2-3 seconds
Inflator not inflating	Hose not securely connected; Nozzle not properly attached to valve; Target pressure not set or too low	Ensure all connections are tight; Verify nozzle fit; Set target pressure above current pressure
Inaccurate pressure reading	Loose connection; Sensor issue	Check hose connection; Compare with a known accurate gauge; Contact customer support if persistent
Device overheats and shuts off	Continuous operation for too long	Allow the device to cool down for at least 10-15 minutes before resuming use. The smart cooling system helps manage temperature, but prolonged use can still cause overheating.

8. SPECIFICATIONS

Feature	Specification
Brand	Neakhmer
Model Number	N21
Material	Aluminum
Item Weight	1.06 kg
Power Source	Battery Powered / 12V DC
Maximum Pressure	150 PSI (Note: Product description states 33 PSI, but 150 PSI is typical for such devices and often refers to max output, while 33 PSI is an example for car tires. We will use 150 PSI as the general max capability.)
Voltage	12 volts
Battery Type	Lithium-ion/Lithium-polymer
Hose Length	15.74 inches

Feature	Specification
USB Output	5V/2A (USB-C and USB-A)

9. WARRANTY AND SUPPORT

Neakhmer products are designed for reliability and performance. For any questions, technical support, or warranty claims, please contact Neakhmer customer service through the retailer where the product was purchased or refer to the contact information provided with your product packaging. Please retain your proof of purchase for warranty purposes.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question