

DEWALT DCC018N-XJ

DEWALT DCC018N-XJ Cordless Triple Source Inflator User Manual

Model: DCC018N-XJ | Brand: DEWALT

1. PRODUCT OVERVIEW

The DEWALT DCC018N XR Triple Source Inflator is a compact, lightweight, and high-performance tool engineered for durability and ease of use. It features a digital gauge that allows for precise setting and display of desired pressure in PSI, Bar, or kPa, and an automatic shut-off function to prevent over-inflation. This versatile inflator is designed to handle a wide range of tasks, from high-pressure tire inflation to high-volume inflation and deflation of larger items.

The unit is capable of inflating up to 0.35 liters per minute at 6.2 bar (90 PSI) or 0.6 liters per minute at 2 bar (29 PSI). It is ideal for inflating car tires, bicycle tires, air mattresses, and inflatable boats.



Figure 1: Front view of the DEWALT DCC018N-XJ Inflator.

2. IMPORTANT SAFETY INFORMATION

Always read and understand all safety warnings and instructions before operating this product. Failure to follow the warnings and instructions may result in electric shock, fire, and/or serious injury.

General Safety Precautions:

- Keep work area clean and well lit. Cluttered or dark areas invite accidents.
- Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust. Power tools create sparks which may ignite the dust or fumes.
- Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.
- Always wear appropriate personal protective equipment, including eye protection.
- Do not overreach. Keep proper footing and balance at all times.
- Disconnect the plug from the power source and/or the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools.

Noise Levels:

- Sound pressure level LPA: **79 dB(A)**
- Sound power level LWA: **91.5 dB(A)**
- Uncertainty factor: **3.0 dB(A)**

Hearing protection is recommended during prolonged use.

3. PACKAGE CONTENTS

The DEWALT DCC018N-XJ Triple Source Inflator package typically includes the following items:

- DEWALT DCC018N-XJ Inflator Unit
- 12V Car Power Adapter
- High-Pressure Adapter
- Presta Bike Valve Adapter
- Ball Needle Adapter
- High-Volume Hose with Adapter

Note:

This is a bare unit. Battery pack and charger are **NOT** included and must be purchased separately. The unit is compatible with DEWALT 18V XR Li-ion battery packs. A 240V AC adapter (SKU N557515) is available as a spare part for alternative power.



Figure 2: DEWALT DCC018N-XJ Inflator with 12V car adapter and hoses.

4. SETUP

4.1 Power Source Connection

The DCC018N-XJ can be powered by a DEWALT 18V XR Li-ion battery, a 12V car power outlet, or an optional 240V AC adapter.

1. Using an 18V XR Li-ion Battery (Not Included):

Slide a charged DEWALT 18V XR Li-ion battery pack onto the tool's battery port until it clicks securely into place.

2. Using the 12V Car Power Adapter:

Open the side compartment on the inflator to access the 12V input port. Plug the provided 12V car power adapter into this port. Then, plug the other end of the adapter into your vehicle's 12V accessory outlet. Ensure your vehicle's engine is running for optimal performance.

3. Using the Optional 240V AC Adapter (Not Included):

If you have the optional 240V AC adapter (SKU N557515), plug it into the appropriate port on the inflator and then into a standard wall outlet.



Figure 3: Side compartment for 12V car power adapter storage and connection.

4.2 Attaching Hoses and Nozzles

The inflator comes with both a high-pressure hose and a high-volume hose, along with various adapters.

- **For High-Pressure Inflation:** Connect the high-pressure hose to the designated high-pressure port on the inflator. Select the appropriate nozzle (e.g., Presta adapter, ball needle) and securely attach it to the end of the high-pressure hose.
- **For High-Volume Inflation/Deflation:** Connect the high-volume hose to the designated high-volume port. Attach the appropriate high-volume adapter for the item you wish to inflate or deflate.

Integrated storage is provided on the unit for the high-pressure adapter, Presta bike adapter, and ball needle.

5. OPERATING INSTRUCTIONS

5.1 High-Pressure Inflation (Tires, Balls)

1. Ensure the inflator is connected to a power source (battery, 12V car adapter, or AC adapter).
2. Attach the high-pressure hose and the correct nozzle to the item to be inflated (e.g., tire valve).
3. Press the power button () to turn on the inflator. The digital display will illuminate.

4. Use the +/- buttons to set the desired pressure. The display shows the target pressure. You can cycle through pressure units (PSI, Bar, kPa) using the unit selection button.
5. Press the start/stop button (▶/■) to begin inflation. The inflator will automatically stop once the set pressure is reached.
6. Disconnect the hose from the item.



Figure 4: Inflating a car tire with the DEWALT DCC018N-XJ Inflator.

5.2 High-Volume Inflation/Deflation (Air Mattresses, Inflatables)

1. Ensure the inflator is connected to a power source.
2. Attach the high-volume hose and the appropriate adapter to the item.
3. For inflation, connect the hose to the 'inflate' port. For deflation, connect the hose to the 'deflate' port.
4. Press the power button () to turn on the inflator.
5. Press the start/stop button (▶/■) to begin the high-volume operation. Note that for high-volume tasks, there is no pressure setting; the unit operates continuously until manually stopped.
6. Once the item is inflated or deflated to the desired level, press the start/stop button again to turn off the unit.
7. Disconnect the hose from the item.

5.3 LED Work Light

The inflator is equipped with an LED work light to assist in low-light conditions. Press the light button () to turn the light on or off.

6. MAINTENANCE

Regular maintenance ensures optimal performance and extends the life of your DEWALT inflator.

- **Cleaning:** Wipe the exterior of the inflator with a damp cloth. Do not use harsh chemicals or abrasive cleaners. Ensure no dust or debris enters the air intake or exhaust ports.

- **Storage:** Store the inflator in a clean, dry place, away from direct sunlight and extreme temperatures. Utilize the integrated storage for nozzles and adapters to keep them organized and prevent loss.
- **Hoses and Connections:** Periodically inspect hoses for cracks, kinks, or damage. Ensure all connections are secure before each use.
- **Battery Care:** If using a battery, follow the battery manufacturer's instructions for charging, storage, and maintenance.

7. TROUBLESHOOTING GUIDE

This section addresses common issues you might encounter with your DEWALT inflator.

Problem	Possible Cause	Solution
Inflator does not turn on.	No power supply; Battery not charged or improperly inserted; 12V adapter not fully plugged in or vehicle outlet is off.	Check battery charge and insertion; Ensure 12V adapter is secure and vehicle engine is running; Verify AC adapter connection.
Inflator runs but no air comes out.	Hose or nozzle blocked; Hose not securely attached; Incorrect port used (e.g., high-volume hose on high-pressure port).	Check for obstructions in hose/nozzle; Re-attach hose securely; Ensure correct hose is connected to the appropriate port.
Inflator does not reach set pressure.	Leak in connection; Item being inflated has a leak; Inflator operating beyond its capacity.	Check all connections for leaks; Inspect item for punctures; Ensure the item's pressure requirement is within the inflator's maximum pressure (11 bar / 160 PSI).
Digital display is not working or showing errors.	Low battery; Internal fault.	Charge or replace battery; If problem persists, contact DEWALT customer support.

8. TECHNICAL SPECIFICATIONS

Feature	Specification
Model Number	DCC018N-XJ
Manufacturer	DEWALT
Power Source	Battery powered (18V XR Li-ion) / 12V DC Car Adapter / Optional 240V AC Adapter
Voltage	18 Volts
Max Pressure (High Pressure)	11 bar (160 PSI)

Feature	Specification
Air Flow Capacity (High Pressure)	0.35 l/min @ 6.2 bar; 0.6 l/min @ 2 bar
Air Flow Capacity (High Volume)	14.7 liters per minute
Max Power	12 Watt
Product Dimensions (L x W x H)	33 x 14 x 26 cm
Weight	2.7 kg (approx.)
Noise Level (LPA)	79 dB(A)
Special Features	2-level air pressure switch, LED work light, Digital Gauge, Auto Shut-off
Material	Aluminum
Country of Origin	China

Note: Specifications are subject to change without notice for product improvement.

9. WARRANTY AND CUSTOMER SUPPORT

DEWALT products are manufactured to high-quality standards and are rigorously tested. This product comes with a limited warranty. Please refer to your purchase documentation or the official DEWALT website for specific warranty terms and conditions applicable to your region.

Spare parts availability for this product is typically 1 year from the date of purchase.

For technical assistance, warranty claims, or to locate an authorized service center, please visit the official DEWALT website or contact DEWALT customer support in your country.

DEWALT Official Website: www.dewalt.com

© 2024 DEWALT. All rights reserved.

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