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› ROCGORLD R8 Portable Tire Inflator User Manual

ROCGORLD R8

ROCGORLD R8 Portable Tire Inflator User Manual

Model: R8

Brand: ROCGORLD

INTRODUCTION

The ROCGORLD R8 Portable Tire Inflator is a high-performance, compact air compressor designed for convenient and rapid inflation of tires for cars, EVs, motorcycles, bicycles, and various sports equipment. Its advanced features, including a dual digital display and auto-stop function, ensure precise and safe operation. This manual provides essential information for the proper setup, operation, maintenance, and troubleshooting of your R8 tire inflator.



Figure 1: ROCGORLD R8 Portable Tire Inflator and included accessories.

This image displays the ROCGORLD R8 Portable Tire Inflator along with its various accessories, including the carrying bag, 12V DC power cable, Schrader-Presta valve adapter, fuse, needle valve, and extension nozzle. The inflator itself features a clear dual digital screen and intuitive control buttons.

WHAT'S IN THE BOX

Upon opening your ROCGORLD R8 Portable Tire Inflator package, you should find the following components:

- 1 x ROCGORLD R8 12V Tire Inflator
- 1 x Carrying Bag
- 1 x Schrader-Presta Valve
- 1 x Fuse
- 1 x Needle Valve

- 1 x Extension Nozzle
- 1 x Wire (10FT power cord)
- 1 x User Manual



Figure 2: All components included in the ROCGORLD R8 Portable Tire Inflator package.

This image visually confirms the contents of the package, showing the compact inflator, its carrying bag, the power cable, and various nozzles and adapters, all neatly arranged.

KEY FEATURES

- **Fast-Inflation & Compact:** Inflates a standard car tire (215/50 R17) from 26-35 PSI in under a minute, and Tesla tires (235/40 R19) from 28-36 PSI in just 1.5 minutes, thanks to its powerful 40L/Min cylinder.
- **Dual Digital Display:** Features a clear LED display showing real-time and preset pressure values, product status, and error indicators for precise control.
- **Long-Lasting Durability:** Constructed with high-quality materials and an optimized cooling system for extended lifespan and reliable performance.
- **Simplicity with Auto-Stop:** Easy three-step operation (connect, preset, start) with automatic shut-off once the target pressure is reached. Includes a memory function for repeated use.
- **Versatile Application:** Suitable for cars, EVs, motorcycles, bicycles, basketballs, and soccer balls.
- **Emergency Device:** Equipped with three light modes for nighttime use or emergencies.

LIGHTNING-FAST INFLATION

With high-performance chip and advanced motor inflating is fast, accurate and hassle-free

25PSI ≤ 1 MINUTE 36PSI

ROCGORLD

Figure 3: Illustration of the rapid inflation speed of the R8 inflator.

This image highlights the rapid inflation capability, showing a tire being inflated from 25 PSI to 36 PSI in less than one minute, emphasizing the efficiency of the device.

STATUS DISPLAY AT A GLANCE

Experience the convenience of a clear and easy-to-read dual display.



Figure 4: Close-up of the dual digital display showing real-time and target pressure.

This image focuses on the dual digital display, clearly showing both the current real-time tire pressure and the user-set target pressure, providing clear and convenient monitoring.

SAFETY INFORMATION

Important Reminders:

- This tire inflator does not include a battery and cannot be directly powered by an AC wall plug.
- Before usage, carefully adhere to the instructions: Utilize only a 12V DC (10-15 amps) cable to prevent harm to the compressor and cigarette adapter.
- Keep the cord away from heat, oil, and sharp objects.
- Avoid placing the tire inflator in flammable surroundings.
- Ensure your vehicle has a working cigarette lighter (12V DC outlet) for power.



Figure 5: Visual guide for correct power connection (12V DC only).

This image clearly illustrates the correct power source (12V DC car cigarette lighter) and warns against using an AC wall plug or any other incompatible power source, emphasizing the importance of adhering to power requirements for safe operation.

SETUP

Connecting the Inflator

Follow these steps to set up your ROCGORLD R8 Portable Tire Inflator:

1. **Start your engine:** Ensure your vehicle's engine is running to provide stable power to the inflator.
2. **Plug into the DC port:** Connect the inflator's 12V DC power cable into your vehicle's cigarette lighter socket.
3. **Connect to the tire valve:** Securely screw the inflator's hose onto the tire valve stem. Ensure a tight seal to prevent air leakage.



Figure 6: Visual steps for connecting the tire inflator to your vehicle and tire.

This image provides a clear, sequential visual guide for connecting the inflator: starting the engine, plugging the device into the car's DC port, and attaching the hose to the tire valve.

OPERATING INSTRUCTIONS

Setting Target Pressure

Once connected, the dual digital display will show the current tire pressure. Use the '+' and '-' buttons to set your desired target pressure (PSI, BAR, KPA, or KG/CM²). The 'M' button cycles through the pressure units.

Starting Inflation

Press the power button to begin inflation. The inflator will automatically stop once the preset target pressure is reached. The memory function will save your last used pressure setting for future convenience.

Using the LED Light

The inflator is equipped with an LED light for use in low-light conditions or emergencies. Press the light button to cycle through its three modes: constant on, flashing, and SOS.

SIMPLICITY, MADE EASY

Only three steps- connect, preset, start and auto stop;

NEXT TIME ?

Just press start and let memory function do the rest.



Figure 7: Demonstrating the simple three-step operation of the inflator.

This image illustrates the straightforward operation: connect, preset the target pressure, and press start. It also highlights the memory function for ease of use on subsequent inflations.



Figure 8: The built-in LED light for visibility in dark conditions.

This image shows the inflator's integrated LED light, which is useful for illuminating the work area during nighttime or in poorly lit environments.

MAINTENANCE

To ensure the longevity and optimal performance of your ROCGORLD R8 Portable 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 no moisture enters the internal components.
- **Storage:** Store the inflator and its accessories in the provided carrying bag in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Hose and Cord Inspection:** Regularly inspect the air hose and power cord for any signs of damage, kinks, or wear. Replace if necessary.
- **Nozzle Care:** Keep the various nozzles clean and free from debris to ensure proper air flow and connection.
- **Fuse Replacement:** If the inflator stops working, check the fuse in the 12V DC plug. Replace it with the spare fuse provided if it is blown.

WHAT'S IN THE BOX



Figure 9: Illustration of the optimized heat dissipation design for longer lifespan.

This image provides an internal view, highlighting the optimized cooling system and durable materials used in the construction of the inflator, which contribute to its long-lasting performance and reduced heat buildup during operation.

If you encounter issues with your ROCGORLD R8 Portable Tire Inflator, refer to the table below for common problems and their solutions:

Problem	Possible Cause	Solution
Inflator does not turn on.	No power from 12V DC outlet; Blown fuse in plug; Loose connection.	Ensure vehicle engine is running. Check cigarette lighter for power. Replace fuse if blown. Securely plug in the power cord.
Inflator runs but no air comes out.	Hose not securely attached to tire valve; Hose or nozzle blocked.	Ensure hose is tightly screwed onto valve. Check hose and nozzles for obstructions.
Inflator does not stop at preset pressure.	Incorrect pressure unit selected; Sensor malfunction.	Verify the correct pressure unit (PSI, BAR, etc.) is selected. If issue persists, contact customer support.
Inflation is too slow.	Low vehicle battery voltage; Air leak from connection.	Ensure vehicle engine is running to provide full power. Check for air leaks at the valve connection.

SPECIFICATIONS

Specification	Value
Brand	ROCGORLD
Model Name	R8
Power Source	Corded Electric (12V DC)
Voltage	12 Volts (DC)
Maximum Operating Pressure	150 Pound per Square Inch (PSI)
Air Flow Capacity	40 Liters per Minute (LPM)
Maximum Power	120 Watts
Noise Level	69 dB
Item Weight	2.16 Pounds
Product Dimensions	6.49"L x 2.79"W x 4.92"H
Hose Length	2 Feet
Material	Plastic

Specification	Value
Color	Red

WARRANTY AND SUPPORT

Your ROCGORLD R8 Portable Tire Inflator is covered by a **two-year warranty** from the date of purchase. This warranty covers manufacturing defects and ensures reliable operation under normal use.

For any questions, technical assistance, or warranty claims, please do not hesitate to contact ROCGORLD customer support. Our team is dedicated to providing prompt and helpful responses to ensure your satisfaction.

Please refer to the contact information provided on the product packaging or the official ROCGORLD website for the most up-to-date support details.

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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

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Email

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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