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› ROCKBROS Electric Bike Pump Instruction Manual

ROCKBROS 42720001002-CBR

ROCKBROS Electric Bike Pump Instruction Manual

Model: 42720001002-CBR

PRODUCT OVERVIEW

The ROCKBROS Electric Bike Pump is a portable and versatile air compressor designed for inflating various items such as bicycle tires, motorcycle tires, car tires, and sports balls. It features a maximum pressure of 150 PSI (10.3 BAR), a digital pressure gauge, and an auto-stop function for precise inflation. Powered by a 2600mAh rechargeable battery, it offers convenient cordless operation.



Image: The ROCKBROS Electric Bike Pump, showing its compact design, digital display, flexible hose, and various inflation adapters including a needle and Presta valve converter.

What's in the Box

- ROCKBROS Electric Bike Pump Unit
- Flexible Air Hose (with Schrader valve compatibility)
- Presta Valve Adapter
- Ball Needle Adapter
- USB Type-C Charging Cable

Tight Seal Design & Soft Air Horse

comes with valve converter, fits for presta, schrader valve, basketball



Image: A close-up view of the flexible air hose, Presta valve adapter, and ball needle adapter, highlighting the tight seal design.

SETUP

1. **Initial Charge:** Before first use, fully charge the pump using the provided USB Type-C cable. Connect the cable to the Type-C port at the bottom of the pump and to a compatible USB power source (e.g., wall adapter, computer USB port). The LED indicator will show charging status.
2. **Attach Air Hose:** Screw the flexible air hose securely into the inflation port at the top of the pump. Ensure a tight seal to prevent air leakage.
3. **Select Adapter:**
 - For Schrader valves (common on cars, motorcycles, and some bicycles), the flexible hose can be directly attached.
 - For Presta valves (common on road bikes and some mountain bikes), screw the Presta valve adapter onto the flexible hose, then attach to the tire valve.
 - For sports balls, screw the ball needle adapter onto the flexible hose, then insert into the ball's inflation port.

OPERATING INSTRUCTIONS

1. **Power On:** Press and hold the power button (●) for 3 seconds to turn on the pump. The digital display will illuminate.
2. **Connect to Item:** Securely attach the appropriate adapter and hose to the item you wish to inflate. The digital display will show the current pressure.
3. **Select Mode/Set Pressure:**
 - Press the 'M' button to cycle through the 5 preset modes: Car, Motorcycle, Mountain Bike, Road Bike, and Ball. Each mode has a default pressure value.
 - Alternatively, use the '+' and '-' buttons to manually adjust the target pressure. Long press '+' or '-' for faster adjustment. The pump will memorize the last set custom pressure.
4. **Start Inflation:** Press the power button (●) briefly to start inflation. The pump will begin to inflate and the real-time pressure will be displayed.
5. **Auto-Stop:** The pump will automatically stop once the set target pressure is reached.
6. **Power Off:** Press and hold the power button (●) for 3 seconds to turn off the pump. It will also automatically power off after a period of inactivity.
7. **Using the LED Light:** Briefly press the light button (*) to turn on the integrated LED light for use in low-light conditions. Press again to turn off.



Image: The pump in use, illuminating a bicycle tire with its built-in LED light, demonstrating its utility in dark environments.

Your browser does not support the video tag.

Video: An official demonstration of the ROCKBROS Electric Bike Pump, showcasing its features including hose attachment, digital display, preset modes, fast inflation, and portability.

MODES AND PRESETS

The ROCKBROS Electric Bike Pump offers 5 default pressure value modes for common inflation needs. These presets ensure convenient and accurate inflation without manual pressure calculation.

- **Motorcycle Tire:** Default 50 PSI
- **Car Tire:** Default 2.5 BAR (approx. 36 PSI)
- **Mountain Bike Tire:** Default 50 PSI
- **Road Bike Tire:** Default 120 PSI
- **Basketball:** Default 9 PSI
- **Custom Mode:** Allows setting any desired pressure within the pump's range (up to 150 PSI). The pump remembers the last

custom setting.

5 PRESET MODES

Auto-stop at the pressure value that you set

Automobile tire



2.3-2.5 BAR

Motorcycle tire



30-50 PSI

Mountain tire



30-50 PSI

Road tire



100-120 PSI

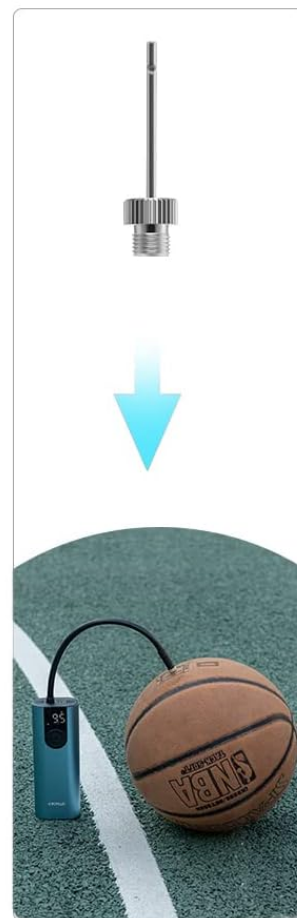
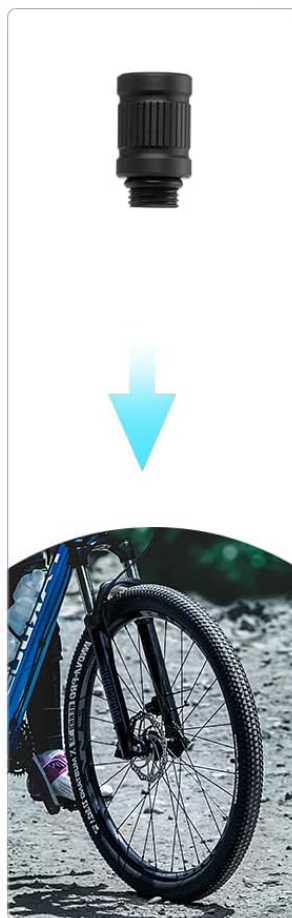
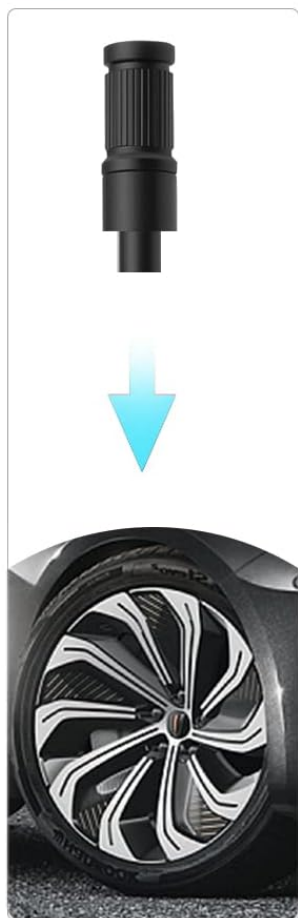


Image: A visual guide illustrating the five preset inflation modes for different items like automobile tires, motorcycle tires, mountain bike tires, road bike tires, and basketballs, along with their default pressure settings.

CHARGING

The ROCKBROS Electric Bike Pump is equipped with a 2600mAh rechargeable battery, providing ample power for multiple inflations. It recharges via a USB Type-C port.

- **Battery Capacity:** 2600 mAh
- **Charging Port:** USB Type-C
- **Charging Time:** Approximately 2 hours for a full charge.
- **Inflation Capacity per Charge (Laboratory Data):**
 - Car tire: 2-3 times (from empty to full)

- Road bike tire: 8-12 times (from empty to full)
- Basketball: 30-40 times (from empty to full)

2600 mAh Rechargeable Battery with Type-C Port



2-3 times



8-12 times



8-12 times



12-18 times



30-40 times

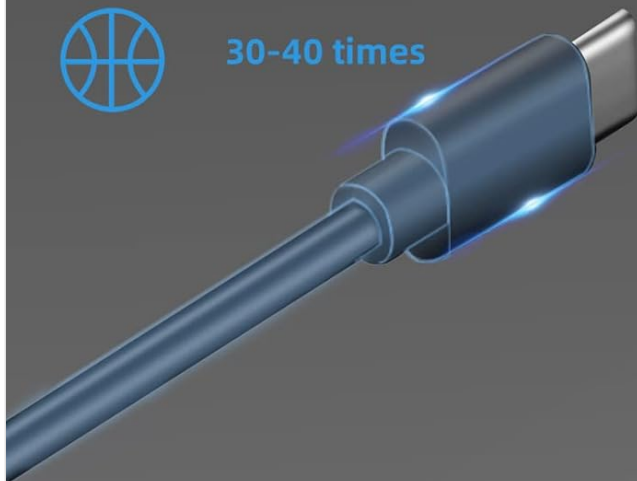


Image: A visual representation of the 2600mAh rechargeable battery and its Type-C charging port, along with estimated inflation capacities for various items on a single charge.

MAINTENANCE

- **Cleaning:** Wipe the pump's exterior with a soft, dry cloth. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** Store the pump and its accessories in a cool, dry place away from direct sunlight and extreme temperatures. Ensure the hose and adapters are clean and free of debris before storage.
- **Battery Care:** For optimal battery life, avoid fully discharging the pump frequently. Recharge the battery periodically if the pump is not used for extended periods.
- **Hose and Adapters:** Inspect the air hose and adapters regularly for any signs of wear, cracks, or damage. Replace if necessary to maintain a tight seal and efficient inflation.

Troubleshooting

Problem	Possible Cause	Solution
Pump does not turn on.	Low battery; Power button not pressed correctly.	Charge the pump fully. Press and hold the power button for 3 seconds.
Pump inflates slowly or not at all.	Air hose not securely attached; Adapter not properly connected to valve; Leak in hose/adapter; Item already at target pressure.	Ensure hose is tightly screwed in. Check adapter connection. Inspect hose and adapters for damage. Verify current pressure on display.
Inaccurate pressure reading.	Improper connection to valve; Sensor calibration issue.	Ensure a tight and proper connection to the valve. If issues persist, contact customer support.
Pump stops before reaching target pressure.	Low battery; Internal safety mechanism activated (overheating).	Recharge the pump. Allow the pump to cool down if it has been running continuously for a long period.

Specifications

- **Brand:** ROCKBROS
- **Model:** 42720001002-CBR
- **Color:** Black
- **Material:** Aluminum
- **Item Weight:** 430 Grams
- **Power Source:** Battery Powered
- **Battery Capacity:** 2600 mAh
- **Maximum Pressure:** 150 PSI / 10.3 BAR
- **Operation Mode:** Automatic
- **Charging Port:** USB Type-C
- **Dimensions (L x W x H):** Approximately 10.31 x 3.11 x 2.91 inches (Item Package Dimensions)

Warranty & Support

The ROCKBROS Electric Bike Pump comes with a **1-year warranty** from the date of purchase.

For technical support, warranty claims, or any product-related inquiries, please contact ROCKBROS customer service through their official website or the platform where the product was purchased.

You can visit the official ROCKBROS store for more information:[ROCKBROS Store](#)