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NACKEO Star03

NACKEO Star03 Car Jump Starter with Air Compressor User Manual

Model: Star03

1. Introduction

Thank you for choosing the NACKEO Star03 Car Jump Starter with Air Compressor. This versatile device is designed to provide reliable emergency starting power for your vehicle, inflate tires, and serve as a portable power bank and LED flashlight. Please read this manual carefully before using the product to ensure safe and optimal operation.



Image 1.1: The NACKEO Star03 unit, showcasing its compact design and integrated features.

2. Package Contents

Please check the package for the following items:

- 1x NACKEO Star03 Portable Car Jump Starter with Air Compressor
- 1x Reinforced Jump Starter Cables (Smart Clamps)
- 1x Detachable Air Compressor Hose
- 4x Air Nozzles (for various inflatables)

- 1x USB-C Charging Cable
- 1x User Manual
- 1x EVA Storage Case



Image 2.1: All components included in the NACKEO Star03 package.

3. Product Overview

Familiarize yourself with the main parts of your NACKEO Star03 device:

- **LCD Display:** Shows battery level, air pressure, inflation mode, and error indicators.
- **Control Buttons:** Power, Mode (M), Light, Increase (+), Decrease (-), OK.
- **Jump Start Port:** For connecting the smart jump starter cables.
- **Air Hose Port:** For connecting the detachable air compressor hose.
- **USB-C Input Port:** For charging the device itself.
- **USB Output Port:** For charging external devices (power bank function).
- **LED Flashlight:** Integrated light with multiple modes.



Image 3.1: Close-up of the clear LCD display, showing real-time pressure and settings.

4. Important Safety Instructions

To prevent injury or damage to your device and vehicle, please observe the following safety precautions:

- Read all instructions before use.
- Do not immerse the device in water or expose it to heavy rain.
- Do not operate the device if it has been damaged or dropped.
- Keep out of reach of children.
- Ensure proper ventilation when operating the air compressor.
- Do not short-circuit the jump starter clamps.
- Connect the clamps to the correct battery terminals (red to positive, black to negative).
- Do not over-inflate tires; always refer to the vehicle's recommended tire pressure.
- Store the device in a cool, dry place away from direct sunlight and high temperatures.

5. Charging the NACKEO Star03

Before first use, fully charge the device. It is recommended to recharge the device every 3-6 months to maintain battery health, even if not in use.

1. Connect the provided USB-C charging cable to the USB-C input port on the NACKEO Star03.
2. Connect the other end of the USB-C cable to a USB wall adapter (not included) or a powered USB port.
3. The LCD display will show the charging status. The device is fully charged when the battery indicator shows 100%.



Image 5.1: Illustration of the USB-C input for charging the device and USB output for charging other devices.

6. Jump Starting a Vehicle

Ensure the NACKEO Star03 is at least 50% charged before attempting to jump start a vehicle.

1. **Connect Smart Clamps:** Insert the blue plug of the smart jump starter cables into the jump start port on the NACKEO Star03. Ensure a firm connection.

2. **Connect to Car Battery:** Attach the red clamp to the positive (+) terminal of your car battery and the black clamp to the negative (-) terminal. The smart clamps will indicate a correct connection (usually a solid green light). If an error is detected (e.g., reverse polarity), an alarm will sound, and an indicator will light up.
3. **Start Vehicle:** Once the clamps are correctly connected, start your vehicle's engine.
4. **Remove Clamps:** After the engine starts, immediately remove the smart clamps from the car battery, then disconnect them from the NACKEO Star03.

Note: If the vehicle does not start on the first attempt, wait at least 30 seconds before trying again. Do not attempt more than 3 consecutive jump starts.



Image 6.1: Proper connection of smart clamps to a vehicle battery for jump starting.

7. Using the Air Compressor

The NACKEO Star03 features a powerful 160 PSI air compressor for inflating tires and other inflatables.

1. **Connect Air Hose:** Screw the detachable air hose into the air hose port on the device.
2. **Attach Nozzle:** Select the appropriate nozzle for your item (e.g., Schrader valve for car tires) and attach it to the air hose.
3. **Connect to Item:** Securely connect the nozzle to the tire valve or inflatable item. The LCD display will show the current pressure.
4. **Select Mode & Set Pressure:**
    - Press the 'M' button to cycle through inflation modes (Car, Motorcycle, Bicycle, Ball, Custom).
    - Use the '+' and '-' buttons to set your desired pressure.
    - Press the 'OK' button to start inflation. The compressor will automatically stop when the preset pressure is reached.
5. **Disconnect:** Once inflation is complete, disconnect the nozzle and then the air hose from the device.



Image 7.1: Step-by-step guide on how to inflate car tires using the NACKEO Star03.



Image 7.2: Overview of different inflation modes and their typical pressure ranges for various items.

8. Power Bank Function

The NACKEO Star03 can be used as a portable power bank to charge your electronic devices.

1. Connect your device's USB charging cable to the USB output port on the NACKEO Star03.
2. Connect the other end of the cable to your smartphone, tablet, or other USB-powered device.
3. The NACKEO Star03 will automatically begin charging your device.



Image 8.1: Using the NACKEO Star03 to charge a mobile phone via its USB output port.

9. LED Flashlight

The integrated LED flashlight provides illumination for emergencies or night-time use.

1. Press and hold the 'Light' button to turn on the flashlight.
2. Press the 'Light' button again to cycle through modes: Solid Light > Strobe > SOS.
3. Press and hold the 'Light' button again to turn off the flashlight.



Image 9.1: The NACKEO Star03 LED flashlight illuminating an engine bay during night-time inspection.

10. Maintenance and Storage

- **Cleaning:** Wipe the device with a soft, dry cloth. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** Store the NACKEO Star03 in its EVA case in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Battery Care:** For optimal battery life, fully charge the device every 3-6 months, even if not in use.

11. Troubleshooting

Problem	Possible Cause	Solution
Device does not turn on.	Battery is depleted.	Charge the device fully.
Vehicle does not start.	Incorrect clamp connection; device battery too low; vehicle battery severely damaged.	Check clamp polarity; ensure device is sufficiently charged; consult a mechanic if vehicle battery is faulty.
Air compressor not inflating.	Hose not securely connected; preset pressure not set; device battery too low.	Ensure hose is tight; set desired pressure; charge the device.
Smart clamps show error.	Reverse polarity; short circuit; faulty car battery.	Reconnect clamps correctly; check for short circuits; consult a mechanic.

12. Specifications

- **Model:** Star03
- **Peak Current:** 8000A
- **Starting Voltage:** 12V
- **Battery Capacity:** 20,000 mAh (Internal)
- **Air Compressor Pressure:** Up to 160 PSI
- **Air Flow Rate:** 45 L/min
- **LED Flashlight:** 600 Lumens (Solid, Strobe, SOS modes)
- **USB-C Input:** (Details not specified, typical 5V/2A or 9V/2A)
- **USB Output:** (Details not specified, typical 5V/2.1A)
- **Operating Temperature:** -20°C to 60°C (-4°F to 140°F)
- **Dimensions:** 9.3P x 22.4l x 5H cm (approx.)
- **Weight:** 2.7 lbs (approx.)

13. Warranty and Support

The NACKEO Star03 comes with a **2-year warranty** and **lifetime technical support**. If you encounter any issues or have questions regarding your product, please contact NACKEO customer service for assistance. Refer to your purchase documentation for contact details.

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