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KOPUO R61

KOPUO R61 5-in-1 Car Jump Starter and Air Compressor User Manual

Model: R61

Brand: KOPUO

1. PRODUCT OVERVIEW

The KOPUO R61 is a versatile 5-in-1 device designed for automotive emergencies and convenience. It combines a powerful car jump starter, a 150 PSI air compressor, a portable power bank, and an LED flashlight with SOS functions. This manual provides essential information for safe and effective use of your device.

- Jump Starter:** Delivers 4000A peak current to start 12V vehicles with up to 9.0L gas or 8.0L diesel engines.
- Air Compressor:** Inflates tires up to 150 PSI with preset modes for various vehicles and a digital display for accurate pressure readings.
- Power Bank:** Equipped with USB ports to charge mobile devices.
- LED Light:** Features a bright flashlight, strobe, and SOS modes for emergency situations.
- Safety Protections:** Incorporates multiple safety features including over-charge, low voltage, reverse polarity, high-temperature, short circuit, low-temperature, overload, and over-discharge protection.



Image 1.1: The KOPUO R61 5-in-1 Car Jump Starter and Air Compressor, showcasing its compact design and various ports.

2. SAFETY INFORMATION

Please read all safety warnings and instructions before using this product. Failure to follow these instructions may result in electric shock, fire, and/or serious injury.

- Do not operate the device if it is damaged.
- Keep out of reach of children.
- Do not expose the device to rain or wet conditions.
- Do not disassemble the device. Contact qualified service personnel for repairs.
- Ensure proper ventilation during use, especially when operating the air compressor.
- Always connect the jump starter clamps in the correct polarity (red to positive, black to negative).
- Avoid direct contact with the air hose and nozzle during and immediately after inflation, as they may become hot.
- Store the device in a cool, dry place away from direct sunlight and flammable materials.

SMART CLAMPS PROTECTION



Image 2.1: Illustration of the smart clamps protection features, including over charge, low voltage, reverse polarity, high-temperature, short circuit, low-temperature, over load, over discharge, and over current protection.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- KOPUO R61 Jump Starter
- Smart Jump Cables
- USB Type-C Charging Cable
- Storage Case
- Air Hose
- Various Valve Adapters
- User Manual (this document)

2025 upgraded Package Included



Image 3.1: The KOPUO R61 device along with its included accessories: smart jump cables, USB-C charging cable, air hose, valve adapters, and a protective storage case.

4. DEVICE COMPONENTS AND SETUP

4.1. Component Identification

Familiarize yourself with the main parts of the KOPUO R61:

- **Digital LED Display:** Shows battery level, air pressure, and operating modes.
- **Power Button:** Turns the device on/off and cycles through LED light modes.
- **Mode Button (M):** Selects inflation pressure units (PSI, BAR, KPA) or preset modes.
- **+/- Buttons:** Adjusts target air pressure.
- **Jump Start Port:** For connecting smart jump cables.
- **Air Hose Port:** For connecting the air hose.
- **USB Output Ports:** For charging external devices.
- **USB Type-C Input Port:** For charging the R61 device.
- **LED Flashlight:** Integrated light for illumination.

Smart Present Inflation Value & Auto Shutoff

LED large screen display
easy function setting



60 db Noise



± 1PSI Accuracy



Image 4.1: Close-up view of the KOPUO R61's digital LED display and control buttons, showing real-time and preset inflation values.

4.2. Initial Charging

Before first use, fully charge the KOPUO R61. Connect the provided USB Type-C charging cable to the device's input port and a suitable USB power adapter (not included). The digital display will indicate the charging status. A full charge typically takes several hours.

5. OPERATING INSTRUCTIONS

5.1. Jump Starting a Vehicle

1. Ensure the KOPUO R61 is fully charged (at least 75% battery recommended).
2. Turn off the vehicle's ignition and all accessories.
3. Connect the red clamp of the smart jump cables to the positive (+) terminal of the vehicle's battery.
4. Connect the black clamp of the smart jump cables to the negative (-) terminal of the vehicle's battery.
5. Plug the smart jump cable connector into the jump start port on the KOPUO R61.
6. Wait for the indicator light on the smart cable to turn solid green (or follow specific instructions on the smart cable).

7. Start the vehicle's engine.
8. Once the engine starts, immediately disconnect the smart jump cable from the KOPUO R61, then remove the black clamp from the vehicle battery, followed by the red clamp.

Important: Do not crank the engine for more than 3 seconds. If the engine does not start, wait at least 30 seconds before attempting again.

5.2. Using the Air Compressor

1. Connect the air hose to the air hose port on the KOPUO R61.
2. Attach the appropriate valve adapter to the air hose and then to the tire valve or inflatable item.
3. Turn on the KOPUO R61. The digital display will show the current pressure.
4. Press the 'M' button to cycle through pressure units (PSI, BAR, KPA) or to select a preset inflation mode (car, motorcycle, bicycle, ball).
5. Use the '+' and '-' buttons to set the desired target pressure.
6. Press the power button (or designated start button for compressor) to begin inflation. The compressor will automatically stop once the target pressure is reached.
7. Disconnect the air hose from the item and the device.



Image 5.1: The KOPUO R61 inflating a car tire, highlighting its rapid inflation capability and 150 PSI maximum pressure.

5.3. Using as a Power Bank

Connect your USB-powered devices (e.g., smartphone, tablet) to the USB output ports on the KOPUO R61 using their respective charging cables. The device will automatically begin charging. The digital display may show the remaining battery capacity.

5.4. Using the LED Light

To activate the LED light, long-press the power button. Short-press the power button to cycle through different modes: constant light, strobe, and SOS signal. Long-press again to turn off the light.



Image 5.2: The KOPUO R61 demonstrating its LED flashlight function and its ability to charge external devices like smartphones and action cameras.

6. MAINTENANCE

- **Cleaning:** Wipe the device with a soft, dry cloth. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** Store the KOPUO R61 in its protective case in a cool, dry environment. Avoid extreme temperatures.
- **Battery Care:** For optimal battery life, charge the device every 3-6 months, even if not in use. Do not store with a completely depleted battery.
- **Cable Inspection:** Regularly inspect jump cables and air hose for any signs of damage or wear.

Replace if necessary.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not turn on.	Battery is depleted.	Charge the device fully.
Vehicle does not jump start.	Incorrect clamp connection; vehicle battery too low; engine too large.	Ensure clamps are connected correctly (red to +, black to -). Check device battery level. Confirm vehicle engine size is within specifications.
Air compressor not inflating.	Air hose not securely connected; target pressure not set; device battery low.	Check all connections. Set a target pressure. Charge the device.
Smart jump cable indicator light not green.	Reverse polarity; short circuit; low voltage.	Check clamp connections. Ensure no metal parts are touching. Charge the device.

8. SPECIFICATIONS

Feature	Specification
Model	R61
Peak Output Current	4000 Amps
Engine Compatibility	Up to 9.0L Gas / 8.0L Diesel
Air Compressor Max Pressure	150 PSI
Product Dimensions (L x W x H)	7.48" x 3.93" x 2.36" (19cm x 10cm x 6cm)
Item Weight	2.8 Pounds (1.27 kg)
Battery Type	Lithium Ion (1 required)
Manufacturer	Dongguan Borui Intelligent Technology Co., Ltd

5-IN-1

Multifunctional

- 01** Jump Starter
- 02** Power Bank
- 03** Air Compressor
- 04** LED Light
- 05** SOS



Image 8.1: The KOPUO R61 device with its key dimensions labeled.

9. WARRANTY AND SUPPORT

KOPUO products are designed and manufactured to the highest quality standards. For information regarding warranty coverage, please refer to the warranty card included with your purchase or contact KOPUO customer support directly.

If you encounter any issues or have questions about your KOPUO R61 device, please contact our customer support team for assistance. Contact information can typically be found on the product packaging or the official KOPUO website.

	<p>KOPUO 6000A Peak Car Jump Starter with Air Compressor - User Manual</p> <p>Comprehensive user manual for the KOPUO 6000A Peak 7-in-1 Car Jump Starter and 150PSI Air Compressor. Learn how to jump-start vehicles (up to 10L Gas/8L Diesel), inflate tires, use the LED flashlight, emergency hammer, and compass. Includes safety instructions, specifications, and troubleshooting.</p>
	<p>KOPUO 4000A 9-in-1 Jump Starter with Air Pump User Manual</p> <p>Comprehensive user manual for the KOPUO 4000A, a 9-in-1 jump starter and 150PSI air pump. Features include support for 9.0L gas/8.0L diesel engines, -40°C cold start capability, 3-mode LED light, and power bank functionality. Learn how to safely jump-start vehicles, use the air pump, and maintain your device.</p>
	<p>KOPUO 6000A Peak Car Jump Starter with Air Compressor User Manual</p> <p>Comprehensive user manual for the KOPUO 6000A Peak Car Jump Starter, detailing its functions, specifications, usage instructions, safety precautions, and troubleshooting for jump starting vehicles, inflating tires, and using its power bank features.</p>
	<p>KOPUO 3000A Car Jump Starter User Manual Portable Power Bank & Battery Booster</p> <p>Comprehensive guide for the KOPUO 3000A car jump starter. Learn about safety, features, jump-starting procedures, device charging, and specifications for this portable 12V battery booster.</p>
	<p>KOPUO 3000A Car Jump Starter User Manual</p> <p>User manual for the KOPUO 3000A car jump starter, detailing its features, operation, and specifications for jump-starting vehicles and functioning as a portable power bank.</p>
	<p>KOPUO 3000A Multi-Function Jump Starter User Manual - Emergency Car Battery Booster</p> <p>Comprehensive user manual for the KOPUO 3000A multi-function jump starter. Learn how to safely jump start your car, understand its specifications, and follow important safety precautions for emergency power needs.</p>