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UTRAI CEP321

UTRAI JS-9 5000A Jump Starter with 150PSI Air Compressor User Manual

Model: CEP321

1. INTRODUCTION

The UTRAI JS-9 is a versatile and powerful device designed to provide essential assistance for vehicle emergencies and daily maintenance. It integrates multiple functions including a high-performance jump starter, a 150 PSI air compressor, a power bank with 18W fast charging, and a multi-mode LED emergency light. This manual provides detailed instructions for safe and effective use of your UTRAI JS-9.



Image 1: The UTRAI JS-9 Jump Starter and Air Compressor unit with included accessories.

2. WHAT'S IN THE BOX

- 1x Jump Starter with Air Compressor
- 1x Smart Jumper Cables
- 1x Air Pump Hose
- 3x Nozzles (for various inflatables)
- 1x USB-C Charging Cable
- 1x User Manual
- 1x Portable EVA Carrying Case

3. PRODUCT OVERVIEW

3.1 Key Features

- **5000A Peak Current Jump Starter:** Capable of starting 12V vehicles (up to 8.5L gas and 6.5L diesel engines) in seconds, even in extreme temperatures (-20°C to 60°C).
- **150 PSI Smart Air Compressor:** Automatically detects tire pressure and stops when the preset pressure is reached. Features 5 inflation modes and supports PSI/KPA/BAR units. Includes 4 nozzles for various items.
- **15000 mAh Power Bank with 18W Fast Charging:** Equipped with a USB-A output (5V/3A, 9V/2A,

12V/1.5A) and a USB-C input (5V/2A, 9V2A) for rapid charging of electronic devices.

- **Multifunction LED Light:** Offers 3 modes: Illumination, SOS, and Strobe for emergency situations.
- **Smart Safety Protection:** Features a 10-level intelligent protection system and smart clamps to prevent overcharge, overvoltage, short-circuit, and other hazards.



Image 2: Detailed view of the UTRAI JS-9's display, buttons, and ports, including Type-C input, USB output, and jump start output.

4. SETUP

4.1 Charging the Device

Before first use, fully charge the UTRAI JS-9. Connect the provided USB-C charging cable to the device's USB-C input port and a suitable USB power adapter (not included). The digital display will indicate the charging progress. Ensure the device is fully charged for optimal performance.



Image 3: The UTRAI JS-9 functioning as a portable power bank, charging a smartphone and a tablet via its USB-A output.

5. OPERATING INSTRUCTIONS

5.1 Jump Starting a Vehicle

Follow these steps to safely jump start your vehicle:

1. **Step 1:** Ensure the UTRAI JS-9 is sufficiently charged. Press the power button to confirm the remaining battery level.
2. **Step 2:** Connect the smart jumper cables to the jump start output port on the UTRAI JS-9.
3. **Step 3:** Connect the red clamp to the positive (+) terminal of your vehicle's battery.
4. **Step 4:** Connect the black clamp to the negative (-) terminal of your vehicle's battery. The indicator light on the smart clamp will turn green, indicating a safe connection.

5. **Step 5:** Start your vehicle's engine within 30 seconds.
6. **Step 6:** Once the engine starts, immediately remove the smart clamps from the vehicle battery terminals, then disconnect them from the UTRAI JS-9.



Image 4: Visual guide demonstrating the four steps to jump start a vehicle with the UTRAI JS-9.

Video 1: Demonstration of the UTRAI JS-9 jump starting a car and inflating a tire.

5.2 Using the Air Compressor

To inflate tires or other items:

1. **Step 1:** Connect the air pump hose to the inflation port on the UTRAI JS-9.
2. **Step 2:** Press the power button to turn on the device. Briefly press the mode button to select the desired inflation mode (car, motorcycle, bicycle, ball, or custom).
3. **Step 3:** Use the "+" and "-" buttons to set the target pressure.
4. **Step 4:** Connect the nozzle to the tire valve or inflatable item.
5. **Step 5:** Press and hold the power button to start inflation. The compressor will automatically stop once the preset pressure is reached.
6. **Caution:** After use, wait a few minutes before touching the device to avoid any risk of burns due to high temperature from the compressor.



Image 5: Visual guide demonstrating the four steps to inflate an item with the UTRAI JS-9's air compressor.

5.3 Using the LED Light

The integrated LED light has three modes for various situations:

- **Illumination:** For general lighting during nighttime repairs or camping.

- **SOS Mode:** Emits an SOS signal in Morse code for emergency signaling.
- **Strobe Mode:** Provides a flashing light for warning or attracting attention.

To cycle through the modes, press the light button on the device.



Image 6: The UTRAI JS-9's multifunction LED light in use, illustrating its various modes for illumination and emergencies.

6. SAFETY INFORMATION

The UTRAI JS-9 is equipped with multiple safety features. Always adhere to the following guidelines:

- Do not attempt to jump start a frozen battery.
- Ensure proper polarity when connecting the jumper cables (red to positive, black to negative).
- Do not connect the red and black clamps together.

- Keep the device away from children.
- Do not expose the device to extreme temperatures or direct sunlight for prolonged periods.
- After using the air compressor, allow the device to cool down before handling to prevent burns.
- Store the device in a cool, dry place when not in use.



Image 7: Overview of the UTRAI JS-9's intelligent safety protections, including safeguards against short circuits, overheating, low temperatures, overvoltage, undervoltage, and overloads.

7. MAINTENANCE

To ensure the longevity and optimal performance of your UTRAI JS-9:

- Clean the device with a soft, dry cloth. Do not use harsh chemicals or abrasive materials.
- Regularly check the battery level and recharge the device every 3-6 months if not in frequent use to

maintain battery health.

- Store the device and its accessories in the provided carrying case to protect them from dust and damage.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not turn on	Low battery	Charge the device fully.
Vehicle does not jump start	Incorrect clamp connection, device low on power, vehicle battery severely damaged	Ensure clamps are connected correctly (red to +, black to -). Recharge the device. Consult a mechanic if the battery is severely damaged.
Air compressor not inflating	Hose not connected properly, incorrect pressure setting, device low on power	Check hose connection. Verify pressure setting. Recharge the device.
LED light not working	Low battery, faulty unit	Charge the device. If problem persists, contact customer support.

9. SPECIFICATIONS

Feature	Specification
Brand	UTRAI
Model Number	CEP321
Peak Current	5000A
Battery Capacity	15000 mAh
Engine Compatibility	Up to 8.5L Gas / 6.5L Diesel
Air Compressor Pressure	150 PSI
USB-A Output	5V/3A, 9V/2A, 12V/1.5A (18W Fast Charge)
USB-C Input	5V/2A, 9V/2A
Operating Temperature	-20°C to 60°C
Item Weight	1.4 Kilograms
Dimensions	25.1 x 13.8 x 10.7 cm

10. WARRANTY AND SUPPORT

UTRAI is committed to providing high-quality products and excellent customer service. Your UTRAI JS-9

comes with the following support:

- **24/7 Customer Service:** Assistance available around the clock.
- **Lifetime Technical Support:** Ongoing technical assistance for the product's lifespan.
- **24 Months Warranty:** Covers manufacturing defects for two years from the date of purchase.
- **Return Defective Products:** Procedures for returning products with defects.




For any inquiries or support, please contact us at: support.fr@utrai.com



Image 8: UTRAI's commitment to customer support and warranty details.

Related Documents - CEP321

<div>UTRAI</div> <div>Jump Starter & Air Compressor JS-5</div> <div>USER MANUAL</div> <div></div>	<div>UTRAI JS-5 Jump Starter & Air Compressor User Manual</div> <div>Comprehensive user manual for the UTRAI JS-5 portable jump starter and air compressor. Includes instructions for jump starting vehicles, inflating tires, charging devices, safety precautions, specifications, and troubleshooting.</div>
<div>UTRAI</div> <div>Jump Starter JS-Mini</div> <div>USER MANUAL</div> <div></div>	<div>UTRAI Jump Starter JS-Mini User Manual</div> <div>User manual for the UTRAI JS-Mini Jump Starter, providing detailed instructions on its features, operation, specifications, and safety precautions for jump-starting vehicles and charging devices.</div>
<div>UTRAI</div> <div>Jump Starter JS-Mini</div> <div>USER MANUAL</div> <div></div>	<div>UTRAI JS-Mini Jump Starter User Manual</div> <div>Comprehensive user manual for the UTRAI JS-Mini portable car jump starter, covering specifications, operation, safety information, and customer support.</div>

	<p>UTRAI T1 Jump Starter User Manual - Portable Car Battery Booster</p> <p>Comprehensive user manual for the UTRAI T1 portable jump starter. Learn how to charge your car battery, charge devices, use the LED flashlight, and understand safety features.</p>
	<p>UTRAI JS-5 Jump Starter & Air Compressor User Manual</p> <p>Comprehensive user manual for the UTRAI JS-5 Jump Starter and Air Compressor, detailing its features, operation, safety precautions, and troubleshooting. Includes jump starting, tire inflation, and device charging instructions.</p>
	<p>UTRAI JS-30 Jump Starter With Air Compressor User Manual</p> <p>Comprehensive user manual for the UTRAI JS-30 Jump Starter With Air Compressor, detailing its features, operation, safety precautions, and troubleshooting. This versatile device combines a jump starter and an air compressor for automotive needs.</p>