GOOLOO AP150 PRO

GOOLOO AP150 PRO Jump Starter and Tire Inflator User Manual

Model: AP150 PRO

INTRODUCTION

This manual provides detailed instructions for the safe and effective operation of your GOOLOO AP150 PRO Jump Starter and Tire Inflator. This device combines a powerful car jump starter with a portable tire inflator, designed for emergency vehicle assistance and tire maintenance. Please read this manual thoroughly before use and retain it for future reference.

Important Safety Information

Always observe basic safety precautions when using electrical appliances. Failure to follow these instructions may result in electric shock, fire, or serious injury. Keep out of reach of children. Do not expose the device to rain or wet conditions. Do not disassemble the unit.

PRODUCT OVERVIEW

The GOOLOO AP150 PRO is a versatile device featuring both a high-capacity jump starter and a precise tire inflator. It is equipped with multiple safety features and a user-friendly interface.

Figure 1: GOOLOO AP150 PRO Jump Starter unit with attached jumper cables, ready to start a vehicle. This image illustrates the device's primary function as a jump starter for various vehicle types including cars, motorcycles, SUVs, and motorboats, highlighting its 3000A peak current capability.

Figure 2: The GOOLOO AP150 PRO unit showcasing its tire inflator function, complete with an air hose and various inflation nozzles for different applications such as car tires, motorcycle tires, bicycle tires, and sports balls.

Key Features:

- **Jump Starter:** 3000A peak current, capable of starting 12V vehicles up to 8.5L gas or 6.0L diesel engines.
- **Tire Inflator:** Portable air pump with 5 inflation modes (car, motorcycle, bicycle, ball, custom) and 3 pressure units (PSI, KPA, BAR).
- **Dynamic LED Display:** Real-time inflation progress and clear visibility in various lighting conditions.
- **Safety Protections:** 10 advanced safety technologies including over-current, overload, over-voltage,

over-charge, and high-temperature protection.

- **Power Bank:** Can serve as a mobile power source for charging smartphones, tablets, and other USB devices.
- **Operating Temperature:** Functions reliably in extreme temperatures from -4°F to 140°F (-20°C to 60°C).

SPECIFICATIONS

Feature	Specification
Brand	GOOLOO
Model	AP150 PRO
Peak Current (Jump Starter)	3000 Amps
Vehicle Service Type	12V Passenger Car, Motorcycle (up to 8.5L Gas, 6.0L Diesel)
Battery Cell Composition	Lithium Ion
Voltage	12 Volts (DC)
Operating Temperature	-4°F to 140°F (-20°C to 60°C)
Continuous Inflation Time	Up to 45 minutes (wireless)

SETUP

Charging the Device

Before initial use, fully charge the GOOLOO AP150 PRO. Connect the device to a power source using the provided USB-C cable. The LED indicators will show the charging progress. A full charge typically takes 3-4 hours. It is recommended to recharge the device every 3-6 months to maintain battery health, even if not in use.

Figure 3: The GOOLOO AP150 PRO unit demonstrating its dual output quick charging capabilities, showing it connected via USB-C and DC ports to charge external devices like a smartphone and tablet.

OPERATING THE JUMP STARTER

Use the jump starter function only for 12V lead-acid batteries. Ensure the device is sufficiently charged before attempting to jump start a vehicle.

1. **Connect Jumper Cables:** Insert the smart jumper cable plug into the jump starter's 12V output port.
2. **Attach Clamps to Battery:**

   - Connect the **RED** positive (+) clamp to the vehicle's positive (+) battery terminal.
   - Connect the **BLACK** negative (-) clamp to the vehicle's negative (-) battery terminal.

Ensure a secure connection. The smart cable indicator light will show the connection status.

3. **Start Vehicle:** Once the smart cable indicates a safe connection (usually a solid green light), start the vehicle's engine.

4. **Remove Clamps:** After the vehicle starts, immediately remove the jumper clamps from the car battery, first the negative (-) clamp, then the positive (+) clamp. Then disconnect the smart cable from the jump starter.

Boost Function:

If the vehicle battery is completely dead and the smart cable does not indicate a ready state, press and hold the "Boost" button on the smart cable for 3 seconds. This bypasses some safety checks for extremely low voltage batteries. Use this function with caution and only when necessary.

Figure 4: The GOOLOO AP150 PRO connected to its smart jumper cables, illustrating the various upgraded safety

protections such as over-charge, over-current, short-circuit, reverse-polarity, high-temp, spark-proof, over-voltage, over-load, reverse-charge, and low-temp protection.

OPERATING THE TIRE INFLATOR

The integrated tire inflator allows for convenient and precise inflation of various items.

1. **Attach Air Hose:** Screw the air hose securely onto the inflator port on the device.
2. **Connect to Item:** Attach the other end of the air hose to the valve stem of the tire or item you wish to inflate. Use the appropriate nozzle adapter if needed.
3. **Power On and Select Mode:** Press the power button to turn on the inflator. Use the mode button to cycle through the 5 inflation modes (car, motorcycle, bicycle, ball, custom). The dynamic LED display will show the current pressure and target pressure.
4. **Set Target Pressure:** Use the '+' and '-' buttons to adjust the desired target pressure. You can switch between PSI, KPA, and BAR units.
5. **Start Inflation:** Press the start button to begin inflation. The device will automatically stop once the target pressure is reached. The LED display will show real-time progress and turn green upon completion.
6. **Disconnect:** Once inflation is complete, disconnect the air hose from the item and then from the device.

Figure 5: The GOOLOO AP150 PRO actively inflating a car tire, demonstrating its cordless operation and fast inflation capability. The display shows the current pressure reading.
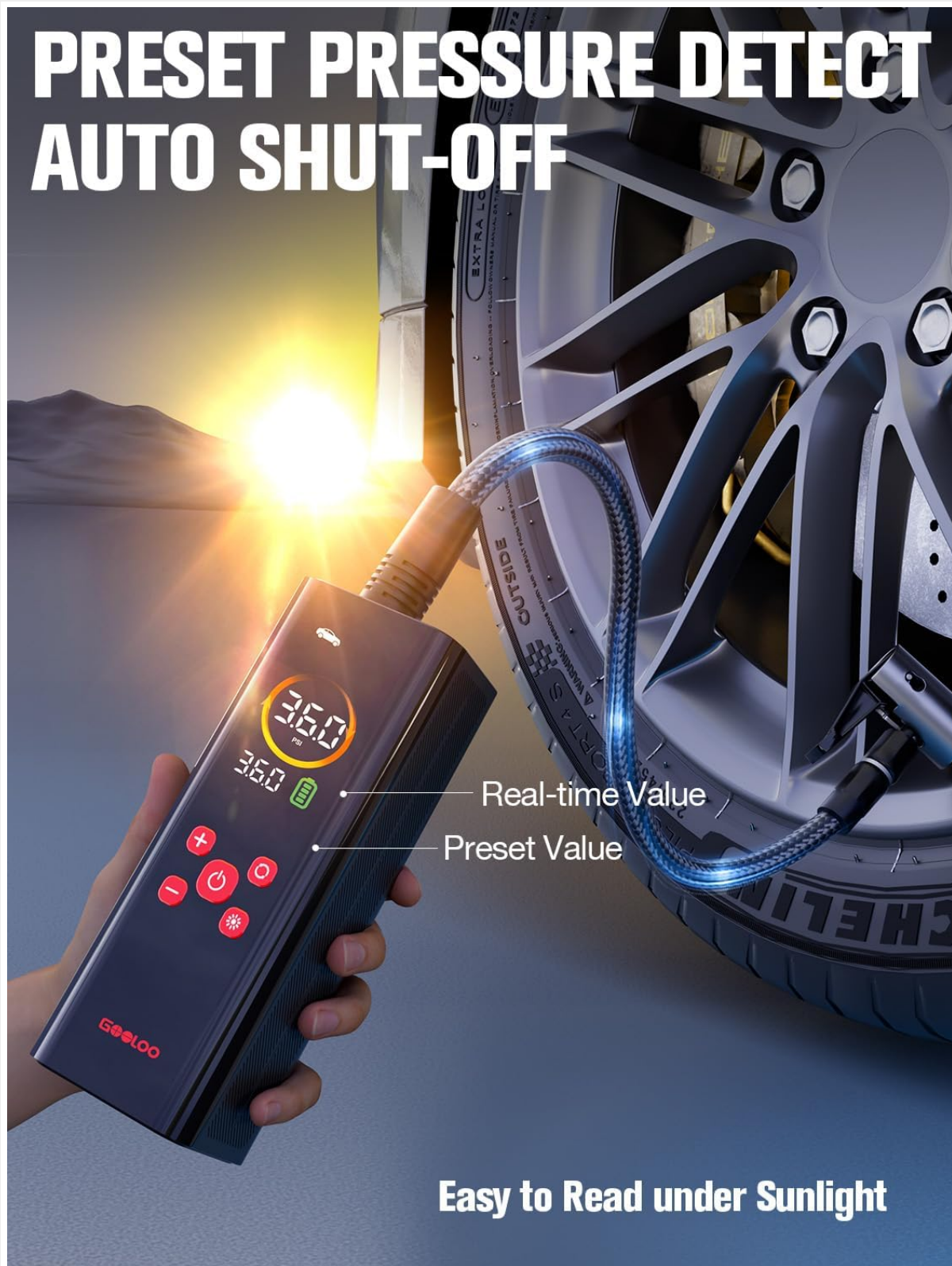
Figure 6: A close-up of the GOOLOO AP150 PRO's display while inflating, highlighting the real-time pressure value and the preset target pressure. This image emphasizes the auto shut-off feature and readability even in sunlight.

Figure 7: The large LED screen of the GOOLOO AP150 PRO displaying its 5 different inflation modes (car, motorcycle, bicycle, ball, and custom) each with a distinct color, illustrating the user-friendly interface for mode selection.

POWER BANK FUNCTION

The GOOLOO AP150 PRO can also function as a portable power bank to charge your electronic devices.

- Connect your device (smartphone, tablet, etc.) to the USB output ports (Output1: 5V/2.4A, Output2: 5V/9V/12V) or the USB-C IN (5V/3A) port on the GOOLOO AP150 PRO using an appropriate charging cable.
- The device will automatically begin charging your connected electronic device.

MAINTENANCE

- **Recharging:** For optimal battery life, recharge the device fully every 3-6 months, even if it has not been used.
- **Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures. Ensure it is stored with at least 50% charge.
- **Cleaning:** Wipe the device with a soft, dry cloth. Do not use harsh chemicals or abrasive cleaners.
- **Cable Care:** Inspect jumper cables and air hose for any damage before each use. Replace if frayed or damaged.

Figure 8: The GOOLOO AP150 PRO unit neatly stored in a car's center console, demonstrating its compact and portable

size for easy storage and accessibility.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Jump starter not working	Low battery on device; incorrect connection; vehicle battery completely dead.	Charge the device fully. Ensure clamps are connected correctly (red to +, black to -). Use "Boost" function if vehicle battery is extremely low.
Tire inflator not starting	Low battery on device; hose not securely attached; target pressure not set.	Charge the device. Ensure air hose is tightly screwed onto both the device and the tire valve. Set a target pressure before starting.
Device overheating	Prolonged use; blocked vents.	Allow the device to cool down. Ensure vents are clear of obstructions. The device has built-in overheating protection and will shut off if necessary.
Smart cable indicator light not green	Incorrect connection; reverse polarity; vehicle battery voltage too low.	Check clamp connections for correct polarity. Ensure clamps are firmly attached. If battery is extremely low, use the "Boost" function.

WARRANTY AND SUPPORT

For information regarding warranty coverage, technical support, or service, please refer to the warranty card included with your product or visit the official GOOLOO website. You can also contact GOOLOO customer service directly for assistance.
GOOLOO Official Website: www.gooloo.com