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Featou P140 Car Jump Starter and Air Pump Instruction Manual

Model: P140 | Brand: Featou

INTRODUCTION

This manual provides detailed instructions for the safe and effective operation and maintenance of your Featou P140 Car Jump Starter and Air Pump. This versatile device is designed to provide emergency vehicle jump-starting, tire inflation, and portable power for electronic devices. Please read this manual thoroughly before use and retain it for future reference.

PRODUCT OVERVIEW

The Featou P140 is a multi-functional device combining a powerful car jump starter, a high-capacity portable power bank, and a smart air pump. It is engineered for reliability and ease of use in various situations.



Figure 1: Featou P140 Car Jump Starter and Air Pump with jumper cables and carrying case.

Key Features:

- **Powerful Jump Starter:** 5000A peak current, capable of starting all gasoline engines and diesel engines up to 7.0L.
- **High Capacity Power Bank:** 59.2 Wh capacity with dual USB charge ports (one quick charge compatible) and USB Type-C input (5V/2A).
- **Smart Air Pump:** Inflates tires for cars, motorcycles, bicycles, and sports balls with automatic shut-off at preset pressure.
- **10 Security Protections:** Built-in safeguards against over-charge, over-current, short-circuit, reverse-polarity, low-temp, high-temp, over-voltage, over-load, spark-proof, and reverse-charge.
- **Ultra-Bright LED Light:** Features Spotlight, Strobe light, and SOS light modes for various emergency situations.
- **Durable Design:** Operates effectively in extreme environments from -4°F to 140°F.

What's in the Box:

- Featou P140 Jump Starter and Air Pump Unit

- Smart Jumper Cables with Heavy-Duty Clamps
- Air Hose with Tire Valve Connector
- Various Air Nozzle Adapters
- USB Type-C Charging Cable
- User Manual (this document)
- Carrying Case

SETUP AND CHARGING THE DEVICE

Before initial use, fully charge your Featou P140 unit. Regular charging ensures optimal performance and readiness for emergencies.

Charging the P140 Unit:

1. Locate the USB Type-C input port on the device.
2. Connect the provided USB Type-C charging cable to the input port.
3. Connect the other end of the cable to a compatible USB power adapter (not included) or a powered USB port.
4. The digital display will indicate the charging status. Charge until the display shows 100% or a full battery icon.

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

OPERATING INSTRUCTIONS

1. Jump Starting a Vehicle:

Ensure the P140 unit is sufficiently charged (at least 50% recommended).

1. Turn off your vehicle's ignition and all accessories.
2. Connect the smart jumper cables to the P140 unit's jump start port. Ensure a secure connection.
3. Attach the red (+) clamp to the positive terminal of your vehicle's battery.
4. Attach the black (-) clamp to the negative terminal of your vehicle's battery or a solid, unpainted metal part of the engine block (ground).
5. Check the indicator light on the smart jumper cable. A solid green light indicates a safe connection and readiness to jump start. A flashing red light indicates an error (e.g., reverse polarity, low voltage). Disconnect and re-check connections.
6. Once the green light is solid, start your vehicle's engine.
7. After the engine starts, immediately remove the jumper cables from the vehicle battery, then disconnect them from the P140 unit.

PROTECTION

Smart ClampsJe



Figure 2: Smart jumper clamps with built-in safety protections.

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

2. Inflating Tires:

The P140 features a smart air pump with preset modes for various items.

1. Connect the air hose to the air pump port on the P140 unit.
2. Attach the tire valve connector to the tire valve stem. Ensure it's securely fastened.
3. Turn on the P140 unit. The digital display will show the current tire pressure.
4. Press the 'M' (Mode) button to cycle through different inflation modes (Car, Motorcycle, Bicycle, Ball). Select the appropriate mode for your item.
5. Use the '+' and '-' buttons to adjust the desired pressure. The unit supports PSI, BAR, KPA, and kg/cm².
6. Press the power button to start inflation. The pump will automatically stop once the preset pressure is reached.
7. Disconnect the air hose from the tire valve and then from the P140 unit.



Figure 3: Overview of Featou P140 features including LCD screen and temperature resistance.

3. Using as a Portable Power Bank:

The P140 can charge various electronic devices via its USB ports.

1. Locate the USB output ports (USB1, USB2) on the side of the device.
2. Connect your device's charging cable to one of the USB output ports on the P140.
3. The P140 will automatically begin charging your device.

PORTABLE POWER BANK

59.2Wh Capacity



USB1 Port(5V/2.4A)



USB2 Port(5V/2.4A)



TYPE-C input(5V/2A)



Figure 4: Featou P140 demonstrating its portable power bank capabilities with multiple output ports.

4. Using the LED Light:

The integrated LED light offers three modes for different situations.

1. Press and hold the light button to turn on the Spotlight mode.
2. Press the light button again to switch to Strobe light mode.
3. Press the light button a third time to activate SOS light mode.
4. Press and hold the light button to turn off the LED light.

SAFETY PRECAUTIONS

Always follow these safety guidelines to prevent injury or damage to the device and your vehicle:

- Read all instructions before using the product.
- Do not immerse the product in water.

- Do not operate the product in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.
- Ensure proper polarity when connecting jumper cables (red to positive, black to negative). Reverse polarity can cause damage.
- Do not allow the red and black clamps to touch each other once connected to the P140 unit.
- Keep out of reach of children.
- Store the device in a cool, dry place away from direct sunlight.
- Do not attempt to jump start a frozen battery.
- If the smart clamp indicator shows an error, do not proceed. Disconnect and re-evaluate the situation.

MAINTENANCE

Proper maintenance ensures the longevity and reliability of your Featou P140 unit.

- **Cleaning:** Use a dry, soft cloth to wipe the exterior of the device. Do not use harsh chemicals or abrasive materials.
- **Storage:** Store the device in its carrying case in a cool, dry place. Avoid extreme temperatures.
- **Charging:** Recharge the unit every 3-6 months, even if unused, to prevent deep discharge and prolong battery life.
- **Inspection:** Periodically inspect the jumper cables and air hose for any signs of damage or wear. Replace if necessary.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Vehicle does not jump start.	P140 unit has low charge; Incorrect cable connection; Vehicle battery is severely damaged.	Fully charge the P140 unit; Ensure clamps are connected correctly (red to +, black to -); Consult a mechanic for battery inspection.
Smart clamp indicator shows red light.	Reverse polarity; Short circuit; Over-current.	Disconnect clamps and re-attach with correct polarity; Ensure clamps are not touching; Check for any short circuits in the vehicle's electrical system.
Air pump does not start or stops prematurely.	Air hose not securely connected; Desired pressure already reached; P140 unit has low charge.	Ensure air hose is tightly screwed onto the unit and tire valve; Check current pressure reading; Fully charge the P140 unit.
Electronic device not charging.	P140 unit has low charge; Incorrect USB cable; Device not compatible.	Fully charge the P140 unit; Use a functional USB cable; Check device compatibility with 5V/2A or Quick Charge.

SPECIFICATIONS

Feature	Detail
Model	P140
Brand	Featou
Peak Current	5000A
Engine Compatibility (Gas)	Up to 8.5L
Engine Compatibility (Diesel)	Up to 7.0L
Battery Capacity	59.2 Wh (Lithium Ion)
USB Type-C Input	5V/2A
USB Output Ports	Dual (one Quick Charge compatible)
Operating Temperature	-4°F to 140°F (-20°C to 60°C)
Item Weight	1.98 pounds
Package Dimensions	8.35 x 4.72 x 3.94 inches
Manufacturer	Shenzhen Kalaifu Technology CO., Ltd.

WARRANTY AND SUPPORT

Featou is committed to providing high-quality products and customer satisfaction. For any inquiries or support needs, please refer to the following:

- **Online Support:** 24 Hours, 7x24 Online Support.
- **Returns:** 30-day Hassle-free Return.
- **Quality Problem Solutions:** 24 Months.
- **Contact:** Please visit the official Featou store on Amazon for contact information or further assistance: Featou Store.