Buture Pro BR700

BuTure BR700 4-in-1 Car Jump Starter & Air Compressor User Manual

Model: BR700

1. Introduction

Thank you for choosing the BuTure BR700 4-in-1 Car Jump Starter with Portable Air Compressor. This device is designed to be a reliable companion for your vehicle, offering emergency jump-starting, tire inflation, portable power, and illumination. Please read this manual thoroughly before use to ensure safe and optimal operation.



Figure 1.1: BuTure BR700 4-in-1 Car Jump Starter and Air Compressor, showing the main unit, smart clamps, air hose, and various adapters.

Key Features:

- **4-in-1 Multifunction:** Combines a car jump starter, portable air compressor, power bank, and LED flashlight.
- **Powerful Jump Starter:** 3000A peak current, capable of starting 12V vehicles (up to 8.0L Diesel and all Gas engines) up to 30 times on a full charge.
- **150PSI Air Compressor:** Built-in compressor inflates a R17 tire from 0 to 2.5 bar in approximately 3 minutes, with automatic shut-off at preset pressure. Includes 3 additional nozzles for various inflatables.
- **High-Capacity Power Bank:** 24800mAh capacity with dual USB ports (Quick Charge and 5V/2.1A) and a 12V/10A DC output (120W) for charging phones, tablets, and powering 12V devices like portable vacuum cleaners or car refrigerators.
- **Dual LCD Screen & LED Light:** Two LCD screens display remaining power and output voltage. The 5W LED flashlight provides over 12 hours of illumination with multiple modes.

2. Safety Information

Please observe the following safety precautions to prevent injury or damage to the device:

- Read all instructions before using the product.

- Do not short-circuit the jump starter clamps.
- Do not disassemble the unit. Refer all servicing to qualified personnel.
- Keep out of reach of children.
- Do not expose the device to extreme temperatures (above 60°C/140°F or below -20°C/-4°F) or direct sunlight for extended periods.
- Ensure proper ventilation when using the air compressor to prevent overheating.
- Always connect the red clamp to the positive (+) terminal and the black clamp to the negative (-) terminal of the battery.
- Remove the jump starter from the vehicle battery within 30 seconds after the engine starts.
- Do not use the jump starter if the battery clamps or cables are damaged.

3. Package Contents

Verify that all items are present in your package:

- BuTure BR700 4-in-1 Car Jump Starter
- Smart Jumper Clamps
- USB-C Charging Cable (charger not included)
- DC Cigarette Lighter Adapter
- 3 x Valve Adapters (for various inflatables)
- Storage Box
- User Manual

4. Product Diagram & Components



Figure 4.1: Detailed view of the BuTure BR700 with labeled components.

1. Foldable Handle
2. Flexible Air Hose
3. LED Light
4. LCD Power Indicator (displays IN/OUT, 5V/2.0A, 12V/10A)
5. ON/OFF Button
6. LCD Air Pressure Display (PSI, BAR, KPA, Kg/CM²)
7. "+" Button (for pressure adjustment)
8. "-" Button (for pressure adjustment)
9. Power Button (for jump start)
10. Type-C Input (5V/3A)
11. DC Output Port (12V-16V/10A)
12. USB QC3.0 Output Port

13. USB 5V/2.1A Output Port
14. EC5 Output Port (for jump start clamps)

5. Setup

5.1 Charging the Device

Before first use, fully charge the BuTure BR700. It is recommended to charge the device every 3-6 months to maintain battery health, even when not in use.

- Connect the USB-C charging cable to the Type-C Input port (10) on the device.
- Connect the other end of the USB-C cable to a USB wall charger (not included) or a powered USB port.
- The LCD screen will indicate charging status. The device is fully charged when the battery indicator shows full.

6. Operating Instructions

6.1 Jump Starting a Vehicle

Ensure the jump starter has at least 50% charge before attempting to jump start a vehicle.

1. Connect the smart jumper clamps to the EC5 Output Port (14) on the jump starter.
2. Connect the **red** (+) clamp to the positive terminal of the vehicle's battery.
3. Connect the **black** (-) clamp to the negative terminal of the vehicle's battery.
4. Ensure the clamps are securely connected and the smart clamp indicator light is green (indicating a correct connection). If it's red or flashing, check connections.
5. Press the Power Button (9) on the jump starter.
6. Start the vehicle's engine.
7. Once the engine starts, immediately remove the clamps from the vehicle battery, then disconnect them from the jump starter.



Figure 6.1: Connecting the smart clamps to a car battery for jump starting.

6.2 Using the Portable Air Compressor

The built-in air compressor can inflate tires and other inflatables.

1. Connect the flexible air hose (2) to the tire valve or appropriate inflatable. Use the included valve adapters (Figure 6.3) if necessary.
2. Turn on the device using the ON/OFF Button (5).

3. The LCD Air Pressure Display (6) will show the current pressure. Use the "+" (7) and "-" (8) buttons to set the desired pressure.
4. Press the Power Button (9) to start inflation. The compressor will automatically stop when the preset pressure is reached.
5. Disconnect the air hose once inflation is complete.



Figure 6.2: Inflating a car tire using the integrated air compressor.



Figure 6.3: Included nozzles for inflating car tires, bicycle tires, sports balls, and other inflatables.

6.3 Using as a Power Bank

The BuTure BR700 can charge your electronic devices and power 12V accessories.

- **USB Charging:** Connect your smartphone, tablet, or other USB-powered devices to the USB QC3.0 Output Port (12) or the USB 5V/2.1A Output Port (13) using a compatible USB cable.
- **12V DC Output:** Connect 12V devices (e.g., portable vacuum cleaner, car refrigerator) to the DC Output Port (11) using the provided DC cigarette lighter adapter.



Figure 6.4: Using the BuTure BR700 to charge multiple electronic devices simultaneously.



Figure 6.5: The 12V DC output port can power various car accessories like a portable vacuum cleaner.

6.4 Using the LED Flashlight

The integrated 5W LED light (3) provides illumination for various situations.

- To turn on the LED light, press and hold the Power Button (9) for 3 seconds.
- Press the Power Button (9) briefly to cycle through light modes: Solid On > Strobe > SOS > Off.



Figure 6.6: The powerful LED light provides ample illumination for nighttime emergencies or outdoor activities.

7. Maintenance

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

- **Cooling System:** Ensure the cooling vents are not obstructed during operation to prevent overheating.



Figure 7.1: Illustration of the internal cooling system, showing airflow for heat dissipation.

8. Troubleshooting

Problem	Possible Cause	Solution
Vehicle does not start.	Low charge on jump starter; incorrect clamp connection; vehicle battery completely dead.	Ensure jump starter is fully charged. Check clamp polarity and secure connection. If vehicle battery is completely dead, it may require professional assistance.
Air compressor not inflating.	Hose not securely connected; pressure setting too low; device not turned on.	Ensure hose is tightly screwed onto valve. Check and adjust preset pressure. Turn on the device.
Device not charging.	Charging cable or adapter faulty; charging port obstructed.	Try a different USB-C cable and wall adapter. Check the charging port for debris.
LCD screen not displaying.	Device is off; battery is completely drained.	Press the ON/OFF button. Charge the device.

9. Specifications

Feature	Specification
Model	BR700
Peak Current	3000A
Starting Voltage	12V
Battery Capacity	24800mAh
Engine Compatibility	Up to 8.0L Diesel, All Gas Engines

Feature	Specification
Air Compressor Pressure	150PSI Max
DC Output	12V/10A (120W)
USB Output 1	Quick Charge (QC3.0)
USB Output 2	5V/2.1A
Type-C Input	5V/3A
LED Light Power	5W
Weight	2.55 kg (5.62 lbs)
Dimensions (L x W x H)	29.7 x 24.5 x 14.7 cm (11.7 x 9.6 x 5.8 inches)

10. Warranty and Support

The BuTure BR700 comes with a 3-year after-sales warranty. Our customer service team is dedicated to providing friendly, responsible, and efficient support. If you encounter any issues or have questions regarding your product, please do not hesitate to contact us. Refer to the contact information provided on the product packaging or the official BuTure website for support details.

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