

AstroAI DK-MF139

AstroAI Portable Car Jump Starter with Air Compressor (Model DK-MF139) Instruction Manual

Your essential guide to safe and efficient operation.

1. INTRODUCTION

Thank you for choosing the AstroAI Portable Car Jump Starter with Air Compressor, Model DK-MF139. This versatile device combines a powerful jump starter, a 150PSI air compressor, a 12000mAh power bank, and an LED flashlight. Designed for convenience and reliability, it is an indispensable tool for roadside emergencies and outdoor activities. Please read this manual thoroughly before use to ensure safe operation and optimal performance.

Your browser does not support the video tag.

Video: An introduction to the AstroAI Jump Starter with Air Compressor, highlighting its key features and benefits.



Image: The AstroAI Portable Car Jump Starter with Air Compressor, showcasing its compact design and digital display.

2. SAFETY INFORMATION

Always observe the following safety precautions when using the AstroAI Jump Starter with Air Compressor:

- Read all instructions before operating the device.
- Keep out of reach of children.
- Do not expose the device to rain or extreme moisture.
- Do not disassemble the unit; refer all servicing to qualified personnel.

- Ensure proper ventilation during use, especially when inflating.
- Avoid short-circuiting the jumper clamps.
- The air tube may become hot after inflation; allow it to cool before handling.
- Do not overinflate tires; always follow manufacturer's recommended PSI.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- AstroAI Portable Car Jump Starter with Air Compressor
- Smart Jumper Cables
- Extension Air Hose
- USB-C Power Cord
- AC Wall Adapter
- Various Nozzles (for balls, bikes, etc.)
- Storage Case
- User Manual (this document)

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Video: An unboxing video of the AstroAI Jump Starter with Air Compressor, showing all included components and the storage case.

WHAT YOU GET



Image: A flat lay of all items included in the AstroAI Portable Car Jump Starter with Air Compressor package, including the main unit, jumper cables, air hose, charging cables, and various nozzles.

4. PRODUCT FEATURES AND COMPONENTS

The AstroAI Jump Starter with Air Compressor is designed for multi-functional use:

- **Jump Starter:** Capable of starting 7.5L gas and 5.0L diesel engines, even below 9V.
- **Air Compressor:** 150PSI capacity for efficient tire inflation with auto shut-off.
- **Power Bank:** 12000mAh capacity with USB output for charging electronic devices.
- **LED Flashlight:** Features 3 modes: Stable, Strobe, and SOS.

- **Large LCD Display:** Provides clear information on battery status, tire pressure, and error messages.



Image: Close-up of the AstroAI Jump Starter's large LCD display, showing battery percentage, PSI, KPA, kg/cm², and various error indicators.



Image: The AstroAI Jump Starter is shown in two different extreme weather scenarios, a snowy landscape and a desert, illustrating its operational capability in temperatures from -4°F to 122°F.

5. CHARGING THE DEVICE

Before first use, fully charge the device. To charge:

1. Connect the USB-C power cord to the device's input port.
2. Plug the AC wall adapter into a power outlet.
3. The LCD display will show the charging progress. Charge until it reaches 100%.

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

6. JUMP STARTING A VEHICLE

Follow these steps to safely jump start your vehicle:

1. Ensure the jump starter is sufficiently charged (at least 50%).
2. Connect the smart jumper cables to the jump starter's port.
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.
5. Turn on the jump starter. Wait for the green indicator light on the smart jumper cables to illuminate.
6. Start your vehicle's engine.
7. Once the engine starts, immediately remove the jumper cables from the battery terminals, then disconnect from the jump starter.

ULTRA-POWERFUL JUMPSTART CAPACITY

Instant jumpstarts



12
Volt

1750
Amps

Lithium
Powered

7.5L
Gas

5L
Diesel

Image: The AstroAI Jump Starter is shown connected to a car battery with its smart jumper cables, ready to start the vehicle.

SIMPLE MANOEUVRE, INSTANT JUMPSTARTER



Image: A visual guide demonstrating three simple steps to jump start a vehicle: 1. Attach clamps, 2. Wait for indicator light, 3. Start the vehicle.



Image: An illustration showing various vehicle types (motorcycle, car, SUV, truck) with different engine sizes, indicating the wide compatibility of the AstroAI Jump Starter.

7. INFLATING TIRES

Use the built-in air compressor to inflate tires and other inflatables:

1. Connect the extension air hose to the device's air output port.
2. Attach the appropriate nozzle to the air hose and secure it to the tire valve or inflatable.
3. Turn on the device. Use the control buttons to select the desired pressure unit (PSI, KPA, or kg/cm²) and set the target pressure.
4. Press the power button to start inflation. The device will automatically shut off once the preset pressure is reached.
5. Carefully disconnect the hose and nozzle. Note: The air tube may be hot after inflation; allow it to cool before handling.

Your browser does not support the video tag.

Video: A demonstration video showing how to inflate a tire using the AstroAI Jump Starter with Air Compressor.

EFFICIENT INFLATION

Takes 60s to inflate from
32PSI to 36PSI



Image: A person kneeling beside a car, using the AstroAI Jump Starter to inflate a tire, with the digital display showing the current pressure.

EASY OPERATION, FAST INFLATION



Image: A visual guide illustrating three steps for tire inflation: 1. Select mode & preset values, 2. Connect the air hose, 3. Inflate.

VERSATILE USE



Image: Four panels showing the versatility of the air compressor, inflating a car tire, a bicycle tire, a basketball, and a swimming inflatable.

8. USING THE LED FLASHLIGHT

The device includes an integrated LED flashlight with three modes:

- **Stable Light:** For general illumination.
- **Strobe Light:** For signaling or attracting attention.
- **SOS Mode:** For emergency signaling.

To activate, press and hold the power button briefly. Subsequent presses will cycle through the modes. Press and hold again to turn off.

9. POWER BANK FUNCTION

The AstroAI Jump Starter can also serve as a portable power bank to charge your electronic devices:

1. Connect your device's USB charging cable to the USB output port on the jump starter.
2. The jump starter will automatically begin charging your device.

10. SPECIFICATIONS

Feature	Specification
Brand	AstroAI
Model	DK-MF139
Product Dimensions	4.9"D x 6.1"W x 1.9"H
Item Weight	1.9 Pounds
Amperage	1750 Amps
Peak Output Current	1750 Amps
Battery Cell Composition	Lithium-Nickel Manganese Cobalt (NMC)
Voltage	12 Volts
Engine Compatibility	Up to 7.5L Gas / 5.0L Diesel
Air Compressor Pressure	150 PSI
Operating Temperature	-4°F to 122°F (-20°C to 50°C)

11. TROUBLESHOOTING

If you encounter issues, refer to the following common problems and solutions:

- **Device not turning on:** Ensure the device is charged. If the battery is completely depleted, it may take a few minutes of charging before the display activates.
- **Vehicle not starting:** Check that the jumper clamps are securely connected to the correct battery terminals. Ensure the green indicator light is on. If the battery is severely damaged, the jump starter may not be able to start the vehicle.
- **Tire not inflating:** Verify that the air hose and nozzle are securely attached and there are no leaks. Check the preset pressure setting. Ensure the device has sufficient charge.
- **Error messages on LCD:** Refer to the product diagram (often found on the inner cover of the storage case) for specific error code meanings and troubleshooting steps. Common errors include USB input/output errors, low battery voltage, low battery temperature, or motor overheating.

12. MAINTENANCE

To ensure the longevity and optimal performance of your AstroAI Jump Starter:

- Store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- Recharge the device every 3-6 months to prevent deep discharge and prolong battery life.
- Clean the exterior with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- Keep the air intake vents clear of dust and debris to ensure efficient air compressor operation.

13. WARRANTY AND SUPPORT

AstroAI provides a 1-year warranty for this product against defects in material and workmanship. This warranty does not cover damage from misuse, accident, alteration, neglect, or unauthorized repair. For

warranty claims or technical support, please contact AstroAI customer service through their official website or the contact information provided in your product packaging.