

Mobile Spec MS130WSLIM

MobileSpec MS130WSLIM 130W 3-in-1 Power Inverter User Manual

Model: MS130WSLIM

1. INTRODUCTION

Thank you for choosing the MobileSpec MS130WSLIM 130W 3-in-1 Power Inverter. This device is designed to convert your vehicle's 12-volt DC power into 110-volt AC power, allowing you to operate and charge various electronic devices on the go. It also features a USB port for charging compatible devices.

2. IMPORTANT SAFETY INFORMATION

Please read and understand all safety instructions before using this power inverter. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- Do not open the inverter casing. There are no user-serviceable parts inside.
- Keep the inverter away from moisture, water, and flammable materials.
- Ensure adequate ventilation around the inverter during operation to prevent overheating.
- Do not connect the inverter to AC distribution wiring.
- Do not exceed the inverter's rated power output of 130 Watts.
- Always connect the inverter to a 12-volt DC power source only.
- Disconnect the inverter from the power source when not in use.
- Keep out of reach of children.

3. PRODUCT FEATURES

- Converts 12-Volt DC Power Into 110-Volt AC Power.
- Provides power for AC devices rated up to 130 Watts.
- Includes a 2.1 Amp USB Port (5-Volts at 2100mA) for charging.
- Designed to charge and power select electronics, including iPods, iPads, cell phones, and tablets.

4. SETUP AND CONNECTION

1. **Vehicle Compatibility:** Ensure your vehicle has a 12-volt DC accessory outlet (cigarette lighter socket).

2. **Insert Inverter:** Firmly insert the inverter's 12V DC plug into your vehicle's accessory outlet. Ensure a secure connection.
3. **Power Indicator:** The inverter typically has an indicator light that illuminates when it is receiving power.
4. **Device Connection:**
 - For AC devices: Plug your device's AC power cord into the 110V AC outlet on the inverter.
 - For USB devices: Connect your device's USB charging cable to the 2.1 Amp USB port on the inverter.
5. **Power On:** Some vehicles may require the ignition to be in the "ACC" or "ON" position for the accessory outlet to be active.



Figure 1: MobileSpec MS130WSLIM Power Inverter. This image displays the MobileSpec MS130WSLIM 130W 3-in-1 Power Inverter in its retail packaging. The inverter is black and compact, featuring a 12V DC input, a 110V AC output, and a USB 5V DC output. The packaging highlights its ability to convert 12V DC to 110V AC and its suitability for charging devices like iPads and other personal electronics.

5. OPERATING INSTRUCTIONS

Once the inverter is properly connected to your vehicle's 12V DC outlet and the indicator light is on, you can begin using it to power or charge your devices.

- **AC Power:** Plug your AC-powered device (e.g., laptop charger, small fan) into the 110V AC outlet. Ensure the device's wattage does not exceed 130 Watts.
- **USB Charging:** Connect your USB-powered device (e.g., smartphone, tablet) to the 2.1 Amp USB port using its charging cable. The USB port provides 5 Volts at 2100mA.
- **Monitoring:** Observe your devices to ensure they are charging or operating correctly.
- **Disconnection:** When finished, disconnect your devices from the inverter, and then remove the inverter from the vehicle's accessory outlet.

Important Operating Notes:

- The inverter draws power from your vehicle's battery. Prolonged use with the engine off may drain the battery.
- Some sensitive electronic devices may not operate correctly with modified sine wave inverters.
- Always check the power requirements of your devices before connecting them to the inverter.

6. MAINTENANCE

The MobileSpec MS130WSLIM Power Inverter requires minimal maintenance.

- **Cleaning:** Wipe the exterior of the inverter with a dry, soft cloth. Do not use liquid cleaners or solvents.
- **Storage:** Store the inverter in a cool, dry place when not in use.
- **Inspection:** Periodically check the power cord and plug for any signs of damage. Do not use if damaged.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No power indicator light.	Inverter not fully inserted. Vehicle accessory outlet not active. Blown fuse in vehicle or inverter.	Ensure inverter is fully seated in the outlet. Turn vehicle ignition to "ACC" or "ON". Check vehicle's fuse box. Consult a professional for inverter fuse replacement.
Device not charging/operating.	Device power consumption too high. Poor connection. Device incompatibility.	Verify device wattage is below 130W. Ensure all connections are secure. Some devices require pure sine wave inverters.
Inverter overheats.	Insufficient ventilation. Overloaded.	Ensure clear space around the inverter. Reduce connected load.

8. SPECIFICATIONS

Model Number	MS130WSLIM
Input Voltage	12 Volts DC

Output Voltage	110 Volts AC
Continuous Power Output	130 Watts
USB Output	5 Volts DC, 2.1 Amps (2100mA)
Product Dimensions (LxWxH)	4.25 x 6.25 x 4.25 cm
Item Weight	295 g
Manufacturer	MobileSpec

9. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the documentation included with your purchase or visit the official MobileSpec website. Keep your purchase receipt as proof of purchase.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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