

Item no. 2450



Cordless
Spotlight Compressor
with Emergency Car Starter



User's Manual

Cordless Spotlight Compressor

By Wagan Tech

Thank you for purchasing the CORDLESS SPOTLIGHT COMPRESSOR by Wagan Tech. With normal care and proper treatment it will provide years of reliable service. Please read all operating instructions carefully before use.

FEATURES:

- Use as a power source for audio/video accessories, cell phones, camping accessories and more
- Recharge and start an auto battery in minutes
- Super –bright adjustable-angle flashlight
- 260 PSI high power air compressor
- 3 LED reading light
- Accurate air compressor gauge

IMPORTANT NOTES:

- Before attempting to start vehicle, this unit must be removed from the vehicle's 12V socket. See "CHARGING A DEAD BATTERY" section for details.
- WAGAN 2450 comes fully charged. However, you should initially charge the unit before use. See "CHARGING WAGAN 2450" section for details.
- The unit is designed to recharge 12V batteries with a low voltage between 10.4 and 10.5 volts. If vehicle battery is severely drained, call a service center or tow truck.
- CAR ALARMS: If you have a car alarm, put it into "valet mode" before attempting to use. Many popular car alarm models cut off the power to the vehicle's electrical system. It will not work while this type of alarm is engaged.
- For optimum performance, store in temperatures between 32°F-110°F (0°C-43°C). Temperatures below 45°F (7°C) and above 85°F (30°C) will require at least an additional 10 minutes of recharging before starting engine.
- During operation, the unit may feel warm. Discontinue use if it becomes too hot.
- Do not attempt to reverse polarity. 25A fuses are used in a protection system which regulates the discharge and recharge of this unit.

**WARNING: KEEP OUT OF REACH OF CHILDREN.
READ ALL INSTRUCTIONS BEFORE USE.**

DANGER SHOCK HAZARD. Keep battery charger and adapter away from water and other liquids. Never operate if cord is damaged or product is not working properly. Unplug when not in use.

WARRANTY: The products are designed with quality in mind. This product is warranted against defects in material and workmanship for one year from date of purchase. This warranty does not apply to defects or damage caused by misuse, alteration, or normal wear and tear, and is limited only to replacement of this tool.

CHARGING AN EMPTY BATTERY

Note: Before attempting to start vehicle, this unit must be removed from the vehicle's 12V socket.

- Turn off all lights and all other accessories (radio, etc) in the vehicle. Tip: keep one small vehicle light or dial turned on to aid in determining if the battery is charging.
- Make sure the vehicle's 12V Socket is clean and free of debris.
- Put the end of the Male-to-Male 12V Car Power Card with no LED light into Wagan 2450 12V socket.
- Put the lighted end of the Male-to-Male Car Power Cord into the vehicle's 12V socket
- Push the Master Switch to the OUTPUT position.
- The Indicator Light on the 12V connector will illuminate, and the light or dial left on in the vehicle should brighten. If the light or dial does not brighten, turn the ignition key **ONLY** as far as the accessory position (see vehicle owner's manual.) In some vehicles, this is necessary for the 12V socket to operate.
- If the light or dial still does not brighten, turn off the light or dial, and allow this unit to remain on the 12V socket for at least 35 minutes. Remove it from the 12V and attempt to start the vehicle.
- **If the vehicle does not start, DO NOT attempt to start the engine more than twice. Call a service center or tow truck.**

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USING AS A DC 12V POWER SOURCE

- Wagan 2450's 12V DC Power Socket mimics the 12V socket of a vehicle.
- Any accessory you would normally plug into your vehicle's 12V socket (cell phone, camcorder, flashlight, radio, etc.) can be powered from Wagan 2450's 12V socket, using Wagan 2450's built-in battery as the power source.
- This unit's 12V DC socket is center pin positive (+). Most 12V DC accessories come with this configuration, but not all. **Before connecting any accessory to Wagan 2450 12V socket, check the accessory owner's manual for the polarity of the accessory.**
- If the accessory is center pin positive, simply plug it into the 12V socket push the master switch to the OUTPUT position and run normally.
- For the DC accessories that are NOT center pin positive, you must use a DC to DC adapter (not included.)

RECHARGING

RECHARGING FROM A 12V DC SOURCE (Car, Truck, Boat, 12V DC charger)

Simply leave Wagan 2450 plugged into a 12V DC power source for 8-10 hours. As with any 12V Lead Acid Battery (car batteries), charging the unit periodically is permitted as Lead Acid Batteries do not have memory.

RECHARGING FROM AC POWER SOURCE

An AC Power Adapter is included for recharging from a standard power outlet. Simply leave this unit plugged into a power outlet for 25-27 hours to fully charge.

Do not leave this unit plugged into the 12V socket when the vehicle is not running as it may drain power from the car battery. When charging in a vehicle, leave the engine running or charge while driving.

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NOTE: The Wagan Cordless Spotlight Compressor should be charged at least once every 4 months regardless of usage to maintain charge. Draining a lead acid battery completely will damage the battery. This is not covered by the warranty if this occurs.

USING THE AIR COMPRESSOR:

CAUTION: Check item to be inflated for manufacturer's maximum recommended inflation pressure. Avoid over inflation. Most tires are properly inflated between 24-35 PSI. Some truck and bicycle tires require 40 PSI or more.

To inflate tires:

1. Remove valve cap from air valve stem
Note: Make sure locking thumb lever is at up position. If necessary, use valve stem adapter
2. Insert stem connector to valve stem
Note: Make sure connector is pushed to valve stem as far as possible
3. Press down the locking thumb lever to engage
4. Set the compressor on/off switch to "ON" position by pressing down the section of switch marked "I"
Note: In the event that the tire is completely flat, raise the vehicle using a recommended jack before inflating the tire
5. Monitor pressure on air pressure gauge.
Note: It is recommended to use a separate air gauge to check the actual inflation pressure.
6. When desired pressure is reached, turn off compressor, turn the locking thumb lever to up position and remove stem connector from valve stem. Also remove the valve stem adapter if applicable
7. Replace valve cap on valve stem

To inflate plastic inflatable product (balls, air mattresses, rubber rafts, etc.):

1. Check manufacturer's specification on item to be inflated for correct inflation pressure
2. Remove valve cap cover from valve stem
3. Insert proper valve stem adapter into stem connector as far as possible and turn the locking thumb lever to down position

4. Insert other end of valve stem adapter into inflatable air valve stem as far as practical
5. Set the compressor on/off switch to "on" position
6. Monitor pressure on air pressure gauge. When desired pressure is reached, turn off compressor, turn the locking thumb lever to up position and remove stem connector from valve stem. Also remove valve stem adapter if applicable. Replace valve cap on valve stem

SPECIFICATIONS:

Power Supply Battery	6 AH sealed lead acid, maintenance free, spill-proof and rechargeable.
Power Supply DC Output	12-volts nominal.
Air Compressor	260 PSI
Power Supply Boost Rate	300 amp peak
Power Supply Charging Time	28 hours for the first time charging with AC charger; 24-26 hours to recharge with AC charger; 8-10 hours to recharge with 12-volt DC charger.

WAGAN Corp. Limited Warranty Registration Form

All WAGAN Corporation products are warranted to the original purchaser of this product.
Warranty Duration: This product is warranted to the original purchaser for a period of one (1) Year from the original purchase date, to be free of defects in material and workmanship. WAGAN Corporation disclaims any liability for consequential damages. In no event will WAGAN Corporation be responsible for any amount of damages beyond the amount paid for the product at retail. In the event of a defective item, please ship the item, prepaid, with a complete explanation of the problem, your name, address and daytime phone number. WAGAN Corporation will, at its option, replace or repair the defective part. This warranty is void if the product has been damaged by accident, in shipment, unreasonable use, misuse, neglect, improper service, commercial use, repairs by unauthorized personnel or other causes not arising out of defects in materials or workmanship. This warranty is effective only if the product is purchased and operated in the USA and Canada and does not extend to any units which have been used in violation of written instructions furnished.
Warranty Disclaimers: This warranty is in-lieu of all warranties expressed or implied and no representative or person is authorized to assume any other liability in connection with the sale of our products. There shall be no claims for defects or failure of performance or product failure under any theory of tort, contract or commercial law including, but not limited to negligence, gross negligence, strict liability, breach of warranty and breach of contract.
Warranty Performance: During the above one (1) Year warranty period, a product with a defect will be replaced with a comparable model when the product is returned to WAGAN Corporation with an original store receipt. The replacement product will be in warranty for the balance of the one (1) Year warranty period.

- Please activate my limited warranty for WAGAN Corp.
- Enclosed copy of original sales receipt.

Name				
Mail Address				
Add'l Address				
City		State		Zip Code
Item Purchased				
Store Name				
Date of Purchase				
Signature			Date	

All WAGAN Corporation Products must be registered within (30) days of purchased to activate this warranty.

Mail the complete registration form, along with a copy of the original receipt to:

Attn: Customer Service
 WAGAN Corporation
 3589 Yale Way, Fremont, CA 94538
 Email: customerservice@wagan.com
 Phone: (Toll Free) 1-800-231-5806 (Local) 1-510-490-9221
 Hours of Operation: Monday through Friday 8:00 A.M. - 5:00 P.M. (P.S.T.)