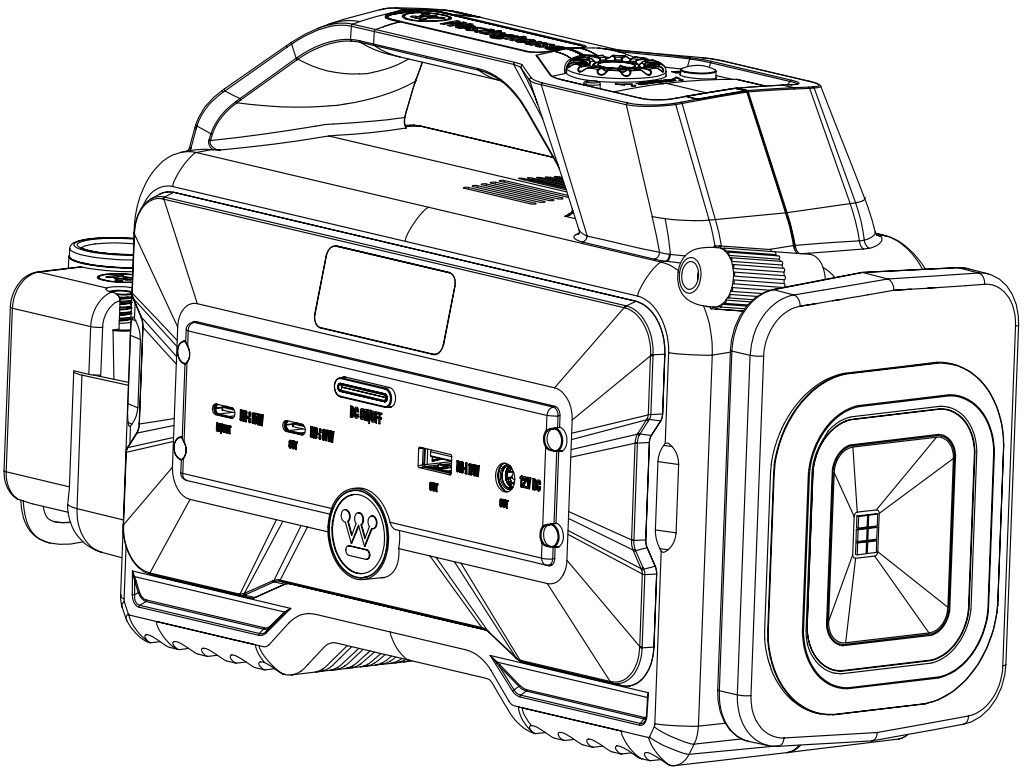
Westinghouse

USE AND CARE GUIDE

3 in 1 Portable Lithium Jump starter with Air Compressor

Model No.: RMJSA00301H-07-B / RMJSA00301D-07-B



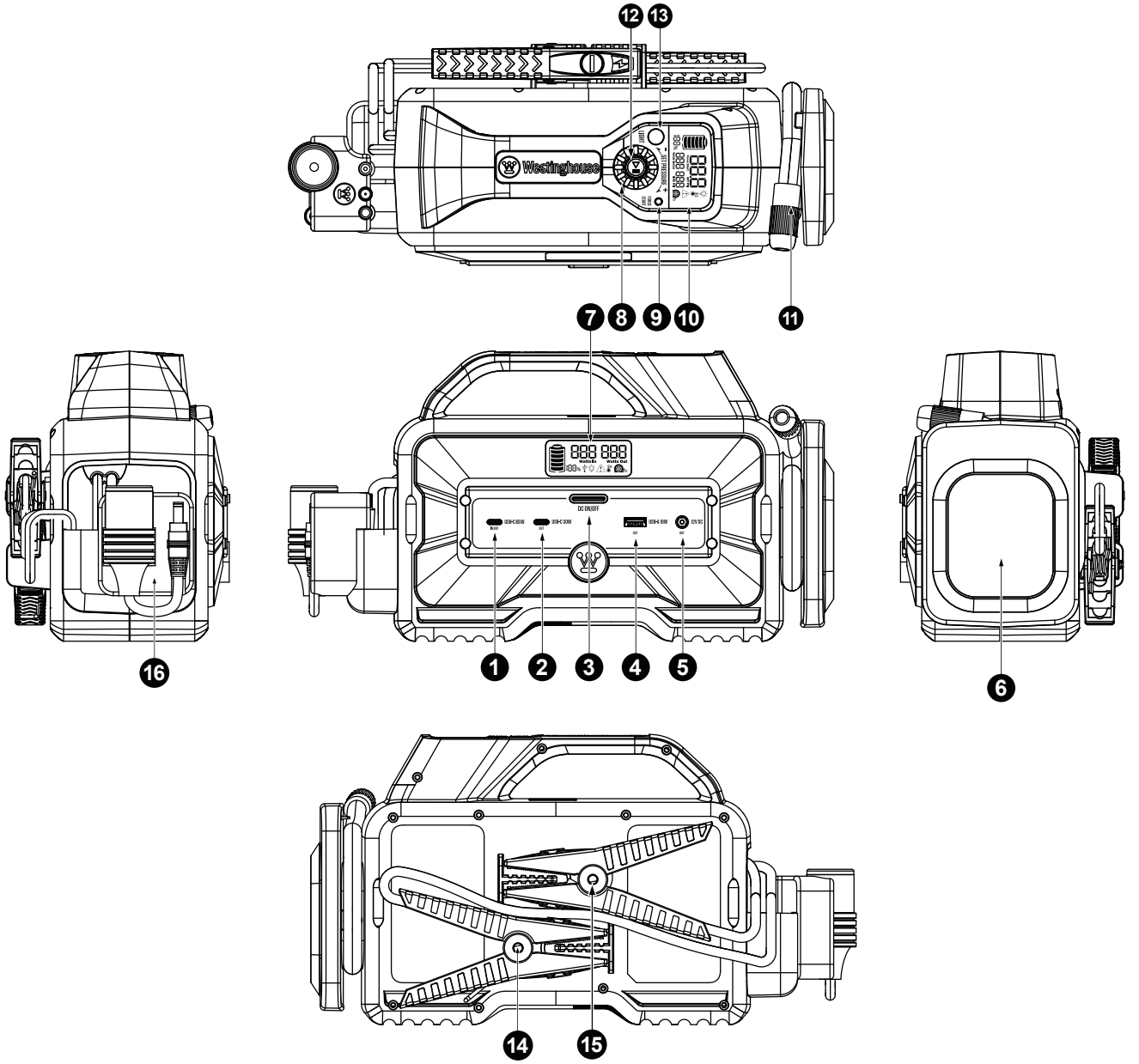
- Thank you for purchasing our product. To help you better understand and use this product, please read this manual carefully before use and follow the operating instructions strictly to ensure proper and safe operation.

PRECAUTIONS

Please read the following precautions carefully before using this product to ensure its safe and proper use.

1. When starting the vehicle, keep a safe distance from the engine to avoid personal injury caused by moving engine parts during startup.
2. Do not continuously crank the engine by holding the ignition key in the start position. If the vehicle fails to start within 3 seconds, release the key and retry after a short interval.
3. When using this product for consecutive vehicle starts, wait at least 1 minute between each starting attempt.
4. Disconnect the product within 30 seconds after the vehicle starts. Failure to do so may result in product damage or other safety hazards.
5. The clamp leads provided with this device are designed exclusively for jump-starting vehicles. Do not connect them to any other electrical loads.
6. Never short-circuit the positive and negative clamps or connect them to the vehicle with reversed polarity. Failure to follow this instruction may cause serious safety hazards, equipment damage, or personal injury.
7. After starting the vehicle with this jump starter, do not recharge it immediately. Let it sit for 30 minutes to allow the battery to cool before charging.
8. Do not charge this product at temperatures below 0°C (32°F) or above 45°C (113°F).
9. The intelligent protection system detects battery voltage to identify reverse polarity. If the battery is disconnected or severely damaged and has no voltage, do not reverse the clamp polarity, as this may damage the vehicle's electrical system or the jump starter.
10. Do not intentionally or unintentionally short-circuit the positive and negative terminals of the jump-start output port. For storage, keep the device away from metal objects or sharp items (e.g., screwdrivers) and do not store them together.
11. When used by children, the device must be used under parental supervision and in strict accordance with this manual to ensure safe and proper operation.
12. It is normal for the device to generate slight heat during use or charging; this does not indicate a fault or malfunction.
13. When the device is not in use, unplug all external devices to minimize battery drain.
14. When the product is not in use for an extended period, keep the battery partially charged and recharge it at least once every three months.
15. Do not disassemble this device unless you are a qualified professional, as this may cause damage or safety hazards.
16. Do not dispose of or incinerate used battery products. Please dispose of them properly and help protect the environment.
17. The battery indicator is for reference only. Slight variations are normal.
18. All images in this manual are for reference only. The actual product shall prevail.
19. During prolonged tire inflation, the air hose and connector may become hot. Do not touch the hose or the metal connector with bare hands or any part of the body. When removing the hose, hold the heat-insulating silicone sleeve before unscrewing it.
20. If charging with a power adapter, use only a certified charger from a reputable manufacturer that complies with applicable national standards and meets the required specifications (5V/2A or higher) to ensure optimal charging performance.
21. Use this product in a safe environment and avoid the following conditions to minimize safety risks.
    - Damp environments or locations where the product may be exposed to water splashes.
    - Avoid high-temperature environments, open flames, corrosive substances, and areas with hazardous chemical gases.
    - Avoid exposure to sand or dusty environments.
    - Avoid locations where the product may be easily dropped or fall from height.
    - Avoid locations where flammable or explosive materials are stored.
    - Avoid storing the product in locations with excessive vibration or strong shocks.
    - Do not use the product if it has been exposed to or submerged in water.

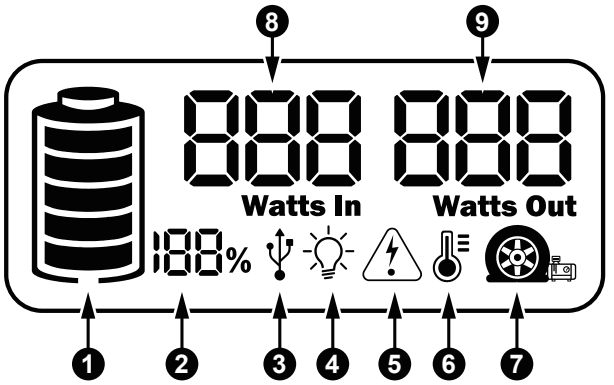
PRODUCT DIAGRAM



① **USB-C1 IN/OUT Port**
② **USB-C2 OUT Port**
③ **Power Button**
④ **USB-A OUT Port**
⑤ **DC OUT Port**
⑥ **LED Light**
⑦ **Display Screen 1**
⑧ **Knob Button**
⑨ **Start Button**
⑩ **Display Screen 2**
⑪ **Inflation Port**
⑫ **Power/Inflation Button**
⑬ **Light Button**
⑭ **Black Clamp Cable**
⑮ **Red Clamp Cable**
⑯ **Nozzle Holder**

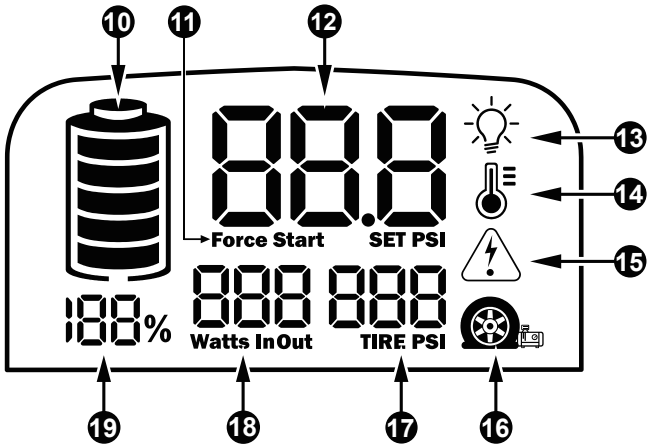
SCREEN INFORMATION

Screen 1 Display Information



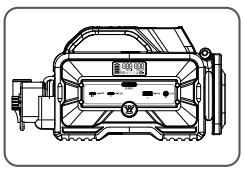
1. Battery Status Display
2. Battery Percentage Indicator
3. USB/DC Output Icon
4. Lighting Status Icon
5. Output Error Indicator Icon
6. Battery Temperature Fault Indicator Icon
7. Air Pump Operation Indicator Icon
8. Input Power Display
9. Output Power Display

Screen 2 Display Information

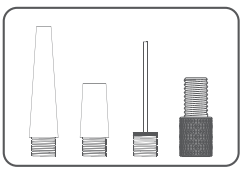


10. Remaining Battery Capacity Display
11. Jump-Start Mode Indicator Icon
12. Preset Pressure Value Display
13. Lighting Operation Indicator Icon
14. Air Pump Temperature Fault Indicator Icon
15. Vehicle Start Fault Indicator Icon
16. Air Pump Operation Indicator Icon
17. Tire Pressure Display
18. Input/Output Power Display
19. Battery Percentage Display

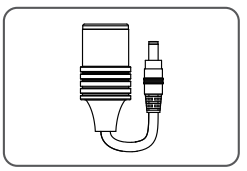
PACKAGE CONTENTS



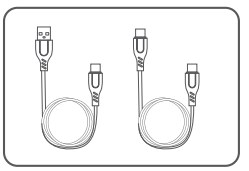
Jump starter x 1



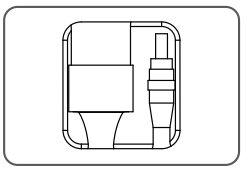
Air Nozzles x 4



DC Adapter Cable x 1



Charging Cables x 2



Accessory Storage Stand x 1

PRODUCT SPECIFICATION

Battery Capacity: 4000mAh, 14.8V,59.2Wh
Cranking Current: 280A for 5S / 480A for 1.5S / 2000A for 0.1S
USB-C1 IN/OUT: 5V/3A, 9V/3A, 12V/3A, 15V/3A, 20V/3.25A PD65W Max
USB-C2 OUT: 5V/3A, 9V/3A, 12V/2.5A PD30W Max
USB-A OUT: 5V/3A, 9V/2A, 12V/1.5A
DC OUT: DC 12-16.8V/10A
USB-C1 + USB-C2 + USB-A + DC Total Output: 180W Max
Charging Temperature Range: 0~45℃ / 32~113℉
Discharging Temperature Range: -20~55℃ / -4~131℉
Maximum Inflation Pressure: 150PSI Max
Dimension (LxWxH): 278.2 x 128.1 x 166.2 mm / 10.95 x 5.04 x 6.54 in

Product Function Overview

1. The USB-A port supports charging and powering digital devices such as mobile phones, PSP, MP3/MP4 players, and tablets.
2. The DC port supports powering electronic devices such as monitors, massagers, and other electronic products.
3. The USB-C1 port supports 65W PD bidirectional fast charging for both input and output.
4. The USB-C2 port supports 30W PD fast charging output.
5. It features an LED lighting function with four switchable modes: perimeter light, perimeter light + flashlight (300 lm), perimeter light + flashlight (150 lm), and red SOS light.
6. The vehicle emergency starting function allows the car to be easily started when the battery is low or depleted.
7. It supports fast tire inflation and topping up, and also features tire pressure monitoring.

TROUBLESHOOTING

When an input/output abnormality occurs, the abnormal indicator icon on the screen will light up and an error code will be displayed:

- **E1**: Charging low-temperature protection: charging will stop when the battery temperature is below 0°C/32°F. It is recommended to disconnect the charging cable and resume charging once the battery temperature rises above 2°C/35.6°F.
- **E2**: Charging high-temperature protection: charging will stop when the battery temperature exceeds 50°C/122°F. It is recommended to disconnect the charging cable and resume charging once the battery temperature cools below 45°C/113°F.
- **E3**: Discharge high-temperature protection: discharging will stop when the battery tempera -ture exceeds 70°C/158°F. It is recommended to disconnect the discharge device and resume use once the battery temperature cools below 55°C/131°F.
- **E7**: Air pump overtemperature warning: inflation will stop. It is recommended to remove the air hose connector and let the device rest for 10 minutes until the cylinder temperature cools down before resuming use.
- **11**: USB-C1 output overcurrent or short circuit: it is recommended to disconnect the connected device, replace the cable, or check that the load of the device does not exceed the rated range before using it again.
- **12**: USB-C1 output/input voltage out of range or insufficient: it is recommended to disconnect the connected device and check that the device or charger is within the supported range of this product before using it again.
- **13**: DC/USB output overcurrent: it is recommended to disconnect the connected device, replace the cable, or check that the device load does not exceed the rated range before using it again.
- **21**: The device battery voltage is too low. Please fully charge the device before using the jump-start mode again.
- **23**: The device has detected that the vehicle battery voltage is too high. Please check whether the vehicle battery voltage is within the operating range of this jump-start device, or whether the vehicle battery is in good condition and does not require jump -start assistance.
- **24**: The device has detected a short circuit at the battery clamps. Please check whether the clamps are connected correctly.
- **25**: The device has detected reversed battery clamp polarity. Please check whether the clamps are connected correctly.
- **26**: The device has detected that its temperature is too high. Please allow it to cool down for 10 minutes before starting the vehicle again.
- **27**: The device has detected that the relay is stuck. The reverse-polarity and short-circuit protection functions are not working properly. Please stop using the device immediately. Do not short the clamps together or connect them in reverse to the vehicle's positive and negative terminals.

FUNCTION INSTRUCTIONS

1. Charge the Jump Starter

Insert the plug of the charging cable into the USB-C1 input port of the jump starter, and connect the other end to a charger (5V/2A or higher is recommended). After the cable is connected, the battery icon on Display 1 will flash in a scrolling pattern, and the battery percentage will be shown. When the device is fully charged, all battery bars will be solid and stop flashing, and the battery level will show 100%. The display will turn off 10 seconds after the device is fully charged.

2. Turn on the LED flashlight and the emergency warning light

Short press the light button ⑬ to turn on the light; short press the light button ⑬ again to switch the lighting mode. After turning on the light, continuously short press the light button ⑬ to cycle through the following operating modes: peripheral light → peripheral light + main light (300LM) → peripheral light + main light (150LM) → red SOS light → off.
Press and hold the lighting button ⑬ for 2 seconds to directly turn off the light.

3. Charge digital devices such as mobile phones, PSP, MP3/MP4 players, and tablets.

- Press the power button ③ briefly to turn on the device. The USB-C, USB-A, and DC output ports will be activated, and the display screen will show the remaining battery level. Connect a charging cable to the USB output port to charge digital devices such as mobile phones, PSPs, MP3/MP4 players, tablets, and other electronic products. When power is being supplied, the display screen will show the output power, and the output indicator icon " " will remain steadily illuminated.

- When a load is connected to the USB-C1 output port, the device will automatically wake up. When power is being delivered, the display screen will show the output power, and the output indicator icon " " will remain steadily illuminated.

- The DC output port can power electronic devices such as monitors, massagers, and other electronic equipment. When output power is active, the output indicator icon " " remains steadily illuminated.

4. Power Off the Device

Two ways to power off the device:

1. Automatic Shutdown: With no load connected to the output interface, the lighting is off, and the device is in standby mode, it will automatically shut down after 20 seconds.

2. Manual Shutdown: Whether the device is idle (no load connected) or operating, press and hold the "DC ON/OFF" button for 2 seconds to turn off the device directly.

FUNCTION INSTRUCTIONS

5. Check Tire Pressure

1. Press the power button ⏯ briefly to turn on the device.
2. Connect the air hose connector to the tire valve stem, and make sure to tighten the connector securely to prevent air leakage.
3. The pressure displayed in the “TIRE PSI” area on the screen is the current tire pressure.

6. Air Nozzle Usage


American-style long plastic inflation nozzle: Suitable for balloons, swimming rings, inflatable boats, air cushions, pillows, yoga balls, and similar inflatable products.


American-style short plastic inflation nozzle: Suitable for balloons, swimming rings, inflatable boats, air mattresses, yoga balls, and similar inflatable products.

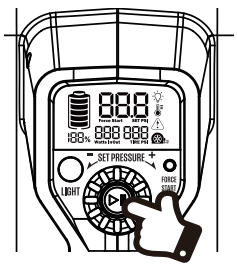

Metal ball needle: Suitable for basketballs, footballs, volleyballs, and similar balls.

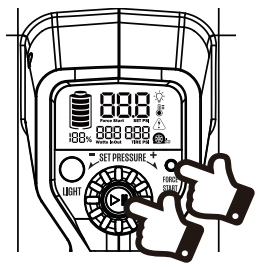

Presta-to-Schrader adapter: Suitable for some road bicycles, mountain bicycles, and similar bicycles.

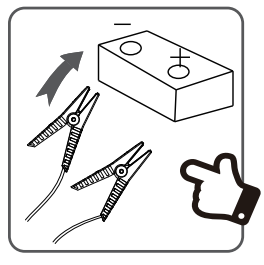
7. Jump Start the Vehicle

To maintain optimal starting performance, keep the battery level above 50% as much as possible to facilitate starting the vehicle.

1. Press the power button ⏯ briefly to turn on the device. (figure 1)
2. Press the Start button ⑨ briefly again to enter starting mode. The display will show a running light effect, and the icon “ **Force Start** ” will flash. (figure 2)
3. Connect the red and black clamps on the device to the positive and negative terminals of the car battery. The red clamp should be connected to the positive terminal, and the black clamp should be connected to the negative terminal(figure 3). Wait until the starting mode icon “ **Force Start** ” remains steadily lit and the display shows “rdy”, indicating that the jump starter is correctly connected to the car battery. (Please start the vehicle within 30 seconds.)
4. Start the vehicle. (figure 4)
5. After the vehicle starts successfully, remove the device within 30 seconds by disconnecting the clamps from the positive and negative terminals of the car battery. If the device times out or the vehicle fails to start, disconnect the red and black clamps from the battery terminals, wait for 1 minute, and then repeat the above steps. (figure 5)


figure 1


figure 2


figure 3

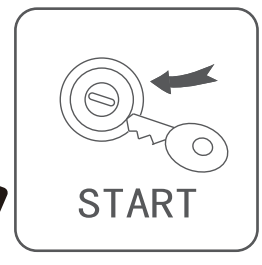
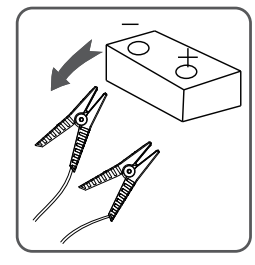


figure 4


figure 5

FUNCTION INSTRUCTIONS

Using the Device's Forced Start Function:

After following the car starting instructions and connecting to the car battery, if the "**Force Start**" indicator does not remain steadily lit, you will need to use the device's forced start function.

1. Turn the vehicle key to the "LOCK/OFF" position first (do not leave it in the ON/ACC power-on position).
2. Press the Power button ⏯ briefly to turn on the device, then press the Start button ⑨ briefly to enter Start Mode. The Start Mode indicator icon "**Force Start**" will flash.
3. Press and hold the ⑨ Start button for 5 seconds to enter Force Start Mode. The Start Mode indicator icon "**Force Start**" will remain steadily lit, and the display will show "rdy". (At this point, the clamps have been forced into output mode. Do not short-circuit the red and black clamps or connect them to the vehicle battery with reversed polarity.)
4. Connect the red clamp to the positive (+) terminal of the vehicle battery and the black clamp to the negative (−) terminal of the vehicle battery (do not reverse the connections!).
5. After making the correct connections, start the vehicle within 30 seconds.
6. Disconnect the clamps from the battery and the device.

Smart Clamp Precautions:

1. When Force Start Mode is activated, the clamp protection function is disabled. Do not short-circuit the red and black battery clamps under any circumstances.
2. When the red and black clamps are correctly connected to the vehicle battery, the Start Mode icon on the display will remain steadily lit. At this point, start the vehicle within 30 seconds. If the vehicle is not started within 30 seconds, the device will exit Start Mode and automatically shut down after 5 seconds. To attempt another start, disconnect the clamps from the battery and repeat the above steps.
3. If the positive and negative clamps are accidentally connected in reverse, the display will show "25", and the warning indicator will remain steadily lit. The device will also emit a "beep-beep-beep" alarm sound. In this case, disconnect the device from the battery clamps, then press the button to exit Start Mode. Repeat the above steps and correctly reconnect the red and black clamps.

FUNCTION INSTRUCTIONS

8. Tire Inflation

Before inflating, please ensure the battery level is above 3 bars.

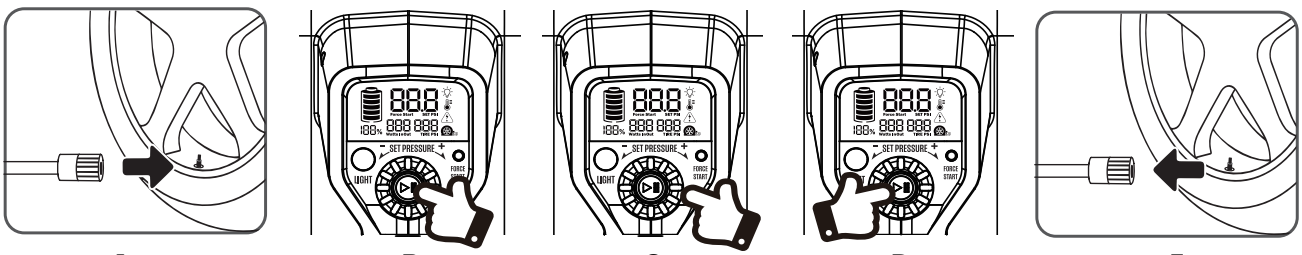
A. Connect the air hose to the corresponding tire valve and tighten it securely to prevent air leakage.

B. Press the Power button ⏯ briefly to turn on the device.

C. Adjust the rotary knob to set the desired preset pressure value (the preset pressure must be higher than the actual tire pressure; otherwise, inflation cannot start).

D. Press and hold the button ⏯ for 1 second to start inflation. When the pressure reaches the preset value, the device will automatically stop inflating. During inflation, briefly press the button ⏯ to stop inflation.

E. After inflation is complete, unscrew and remove the air hose. The device will automatically shut down after about 20 seconds of inactivity.



A B C D E

9. Pressure Setting

Recommended pressure setting for
a standard passenger car: 32-36 PSI.
a scooter: 28-34 PSI.
a road bicycle: 85-115 PSI.
a size 7 basketball: 7-9 PSI.
General unit conversion: 1 bar = 100 kPa ≈ 14.5 PSI.

Inflation Precautions:

The pressure values provided are for general reference only. Please refer to the actual product specifications for accurate settings. Before inflating, ensure that the item being inflated can withstand the intended pressure range. Any risks or damage caused by improper pressure settings are the responsibility of the user.

FCC WARNING

WARNING: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTES: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be deter -mined by turning the equipment off and on, the user is encouraged to try to correct the interfer -ence by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Company Name: Rayman Lights, Inc.
Company Address: 2020 Firedancer Ln, Bear, DE 19701, USA
Telephone Number: 1-888-445-8974

WARRANTY

DO NOT RETURN THIS PRODUCT TO THE STORE

This product comes with a 12-month warranty starting from the date of purchase. If you have questions or need assistance, please call customer service at 1-888-445-8974 or email us at: Support@cml.Westinghouse.com.

Warranty Notice: To ensure full warranty coverage, this product must be purchased from an authorized retailer. Purchases made through unauthorized third-party sellers will void all warranty protections. This includes eligibility for product replacements, repairs, or customer support. Please retain your proof of purchase from an authorized source.

Ⓦ and Westinghouse are trademarks of Westinghouse Electric Corporation. Used under license by Rayman Lights Inc. All Rights Reserved.