



Beta

1498MN/12



INSTRUCTIONS FOR USE

**INDICAZIONE FUNZIONI A DISPLAY
DISPLAY FUNCTION**

**PRESA PER CAVI
DI AVVIAMENTO
JUMPSTARTER
SOCKET**



**TORCIA LUMINOSA
BRIGHT LED TORCH**



**PULSANTE DISPLAY / TORCIA
DISPLAY / TORCH'S BUTTON**

**5V $\overline{\text{---}}$ 1A
USCITE USB
SMARTPHONE
USB OUTPUT
SMARTPHONE**



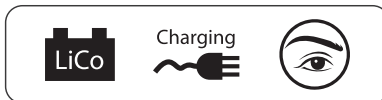
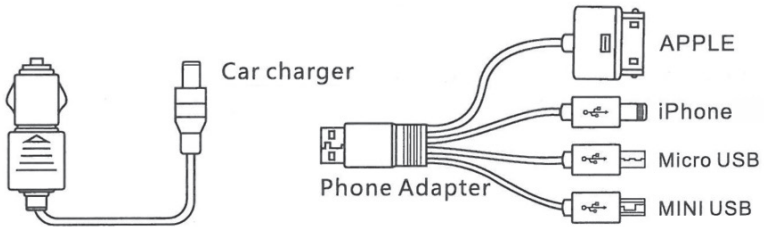
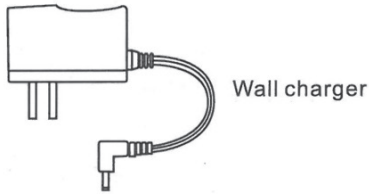
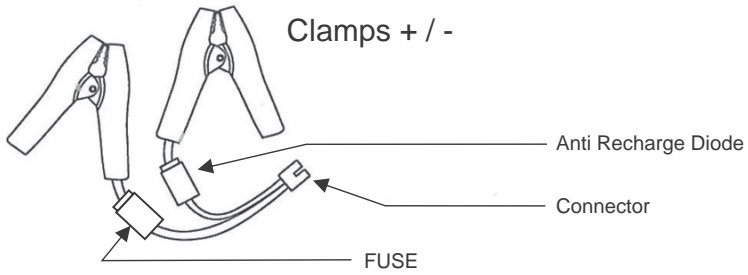
**5V $\overline{\text{---}}$ 2.1A
USCITE USB TABLET
USB OUTPUT TABLET**



**PRESA DI RICARICA
RECHARGING
PORT**



**INTERRUTTORE ON/OFF
ON/OFF SWITCH**



INSTRUCTIONS FOR USE

EN

CAUTION: Recharge the emergency booster for at least 5 hours immediately after purchase, and after each use. If not in use, recharge the emergency booster at least once a month for 5 hours, to keep the internal battery perfectly efficient. **Never leave the emergency booster flat for prolonged periods of time; the efficiency of the internal battery might be significantly reduced, thus affecting the operation of the device.**

WARNINGS

Operating precautions:

CAUTION: Read the **WARNINGS** carefully before using the product. The improper use of the product will void the warranty!

- Use the emergency booster with care.
- This device must not be used by anyone not in good health or children without supervision.
- Keep out of the reach of children. This device is not a toy.
- Always wear protective goggles and keep your face away from the battery when connecting and disconnecting it.
- The battery contains corrosive liquid; in the event of accidental contact with the skin or the eyes, rinse immediately with water and seek medical advice.
- Explosive gases could be given off while starting the battery; therefore, avoid sparks and flames and do not smoke near the engine and the battery.
- Do not use the emergency booster near heat sources or flammable material.
- Do not drop metal tools on the battery. This could cause a short-circuit.
- Do not wear metal objects (rings, bracelets, watches etc.) when working with a battery.

IMPORTANT SAFETY MEASURES

- Do not put any objects into any slots or openings on the surface of the emergency booster.
- To recharge the emergency booster, only use the wall charger supplied with the emergency booster, or the 12V DC car charger. Charge in well-ventilated and dry rooms: do not expose the emergency booster to rain or snow.
- To disconnect the wall charger or the car charger from the emergency booster or the wall socket, pull the plug; do not pull the cable.
- Do not recharge the emergency booster if the wall charger or the car charger are damaged; please contact your dealer to replace or repair the device. Replace only with original spare parts supplied by the manufacturer.
- Do not use the emergency booster if the plastic is broken, or if it gives off unusual smells or too much heat.
- The device must be repaired or serviced by trained personnel only.
- The emergency booster is designed to start lead acid batteries. Do not use it for any other purposes. Do not start or charge disposable batteries. Do not start or charge frozen batteries.
- Do not start or charge batteries with any voltages other than those stated in the technical data of the booster.

CAUTION: IF THE VOLTAGE OF THE EMERGENCY BOOSTER DOES NOT MATCH THE VOLTAGE OF THE VEHICLE'S SYSTEM, AN EXPLOSION, OR DAMAGE TO THE VEHICLE, THE PRODUCT AND PEOPLE COULD OCCUR.

INSTRUCTIONS FOR USE




- Before starting the vehicle, turn off the lights and any running accessories.
- **CAUTION:** Never allow the clips of the two clamps (positive-red and negative-red) to touch together.
- **CAUTION:** Never reverse polarity. Always connect the output lead with red clamp (+) to the positive post of the battery, and the output lead with black clamp (-) to the vehicle's chassis.
- **CAUTION: REVERSED POLARITY CAN CAUSE AN EXPLOSION OR DAMAGE TO THE VEHICLE, THE PRODUCT AND PEOPLE.**
- Improper use of the emergency booster or tampering with the built-in electronic circuit will invalidate your warranty.

HOW TO RECHARGE THE EMERGENCY BOOSTER

The emergency booster can be charged either through the wall charger supplied with it or the 12V car charger.

CAUTION: Recharge the emergency booster for at least 5 hours immediately after purchase, and after each use. If not in use, recharge the emergency booster at least once a month, to keep the internal battery perfectly efficient.


Charging the emergency booster using the WALL CHARGER

1. Make sure that no device is connected to the emergency booster (see section Using the emergency booster as a power source). Move the ON/OFF switch to the ON position and press button  to check the battery charging status (0% to 100%).
2. Plug the 230V charger into the emergency booster socket.
3. Plug the charger into the 230V mains socket. The display will turn on, and the battery charge percentage will show up. Charge is complete when the 100% indicator appears on the display.
4. Now the battery charger can be disconnected from the booster.
5. If not in use, recharge the emergency booster at least once a month for 5 hours, to keep the internal battery perfectly efficient. The battery charger of the emergency booster is automatic.

CAUTION: Only use the charger that was included with the booster.

CAUTION: If the battery is not fully charged after 5 hours, the battery charger will automatically stop charging. If this should occur, have the booster checked by a trained service centre.

Charging the emergency booster using the CAR CHARGER

1. Make sure that no device is connected to the emergency booster (see section Using the emergency booster as a power source). Move the ON/OFF switch to the ON position and press button  to check the battery charging status (0% to 100%).
2. Plug either end of the CAR CHARGER into the emergency booster socket.
3. Start the vehicle; then plug the other end of the car charger into the 12V DC cigarette lighter socket of the vehicle. The display will turn on, and the battery charge percentage will show up. The message "IN 15V 1A" indicates that the recharging plug has been correctly plugged into the booster, and that the battery is charging. When the battery is fully charged, both the message "IN 15V 1A" and the display will turn off.
4. Now the battery charger can be disconnected from the booster.

CAUTION: Always disconnect the emergency booster from the cigarette lighter socket if the vehicle's engine is not running.

INSTRUCTIONS FOR USE



HOW TO USE THE EMERGENCY BOOSTER

Using the emergency booster to start vehicles

1. Always wear protective goggles and keep your face away from the battery during connection operations.
2. Check that the installed battery is a 12V.

CAUTION: IF THE VOLTAGE OF THE EMERGENCY BOOSTER DOES NOT MATCH THE VOLTAGE OF THE VEHICLE'S SYSTEM, AN EXPLOSION, OR DAMAGE TO THE VEHICLE, THE PRODUCT AND PEOPLE COULD OCCUR.

3. Connect the starter cable supplied with the booster and check that both LEDs (red and green) on the connector are flashing.

CAUTION: DO NOT CONNECT THE EMERGENCY BOOSTER TO THE BATTERY IF THE GREEN LED IS GLOWING SOLID, BECAUSE PROTECTION IS DISABLED IN THIS MODE.

4. Determine which post of the battery is grounded to the chassis; in most vehicles, the negative post is grounded to the chassis.

CAUTION: Never reverse polarity. Always connect the output lead with red clamp (+) to the positive post of the battery, and the output lead with black clamp (-) to the vehicle's chassis.

CAUTION: REVERSED POLARITY CAN CAUSE AN EXPLOSION OR DAMAGE TO THE VEHICLE, THE PRODUCT AND PEOPLE.

CAUTION: Check that the cables of the emergency booster are kept away from fans, moving parts and the fuel pipe.

6. Check that the green LED on the booster cable is on.

CAUTION: When the green LED goes on, the vehicle should be started within 30 seconds. After 30 seconds, the ignition cable must be restored by disconnecting and connecting again either clamp.

7. Crank the engine.

8. After the engine starts, disconnect the output lead with black clamp from the vehicle's chassis.

9. Disconnect the output lead with red clamp from the positive clip (+) of the battery.

CAUTION: IF THE ENGINE DOES NOT START, DISCONNECT EITHER CLAMP TO RESTORE THE STARTER CABLE.

CAUTION: Charge the emergency booster after each use.

IMPORTANT! Maintaining your vehicle's battery properly will prolong its life; when you reach your destination, please remember to plug a vehicle battery charger into your battery, to fully restore its efficiency.



Troubleshooting


Problem	Cause	Solution
When starter cable is connected, a continuous sound is heard.	Internal battery is flat.	Disconnect cable and charge emergency booster.
After starter cable has been connected to car battery, it is not activated (LEDs blink).	Car battery voltage is too low (<1.5V).	Use different start systems.
After starter cable has been connected to car battery, red LED glows solid and an intermittent sound is heard.	Battery cables have been reversed.	Disconnect cables from battery and connect them again correctly.
After starter cable has been connected to car battery, red LED glows solid and a continuous sound is heard.	A short-circuit has occurred.	Disconnect cables from battery and check vehicle to clear short-circuit.
LCD display shows the word "EA".	Voltage of a cell of emergency booster battery is too low.	Try to charge booster for at least two hours, disconnect power supply, and then start a normal charging cycle. If the word "EA" does not disappear, please contact service centre.

INSTRUCTIONS FOR USE


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USING THE LED LAMP

Move the ON/OFF switch to the ON position and press button 

STEADY LIGHT: press button  for 3 seconds.

FLASHING LIGHT: press button  for 1 second.


SOS EMERGENCY LIGHT: press button  for 1 second.

To turn the LED lamp off, press button  for 1 second, and move the ON/OFF switch to the OFF position.

USING THE BOOSTER AS A BATTERY CHARGER FOR ELECTRONIC DEVICES

The device can charge different types of mobile phones, smartphones, tablets, MP3/MP4 players, navigators and other devices fitted with 5V 1A/2,1A USB plugs.


CHARGING PROCEDURE

1. Make sure that the device to charge is equipped with a 5V USB plug.
2. Plug the USB charging cable into the booster.
3. Plug the other end of the cable into the device to charge.
4. Move the ON/OFF switch to the ON position and press button . The display will turn on, indicating that your device is charging. The display shows the type of USB port that is being used and the remaining charge percentage of the booster's internal battery.

The device is equipped with two USB outlets, which makes it possible to charge two devices simultaneously, provided that two cables are used for each device.

CAUTION Never charge two devices using the same cable; irreparable damage could occur.

CAUTION Always recharge the emergency booster if it is used extensively in this mode.

The USB outlets are protected against overloads. In case of overload, the USB outlets of the booster will be automatically switched off. To switch them on, just remove the excess load and press button .

The internal battery of the booster is protected against overdischarges. In case of overdischarge, the USB outlets of the booster will be automatically switched off. If this should occur, unplug the devices to charge and charge the booster, to fully restore the efficiency of its battery.

WARRANTY CONDITIONS

1. This product is warranted by the manufacturer for a period of 24 months (except for the battery, which is warranted for 12 months) from date of purchase, as stated on the proof of purchase from the dealer.
2. The warranty provides for free repair or replacement of any parts in case of manufacturing and material defects acknowledged by the manufacturer.
3. Any problems arising from negligence, misuse or tampering with the device will void the warranty.
4. The internal battery of the emergency booster should be charged regularly (according to this manual), only using the charger supplied with it. Improper maintenance of the battery will void the warranty.
5. The warranty will only be valid if the device is repaired by trained personnel authorised by the manufacturer.
6. Incorrect connection to the mains, differences between the power supply voltage and the plate rated voltage of the device, and line voltage fluctuations caused, for example, by external agents and lightning strikes, will invalidate the warranty.
7. Any returned devices must be shipped CARRIAGE FREE and will be sent back CARRIAGE FORWARD.
8. The warranty certificate must be accompanied by either a valid purchase receipt or a bill of parcel.
9. No liability can be accepted for direct or consequential damages to persons or things of any kind whatsoever arising in connection with the use or interruption of use of the device.