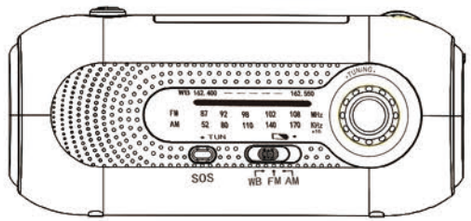
USER MANUAL

SOLAR CRANK RADIO FLASHLIGHT



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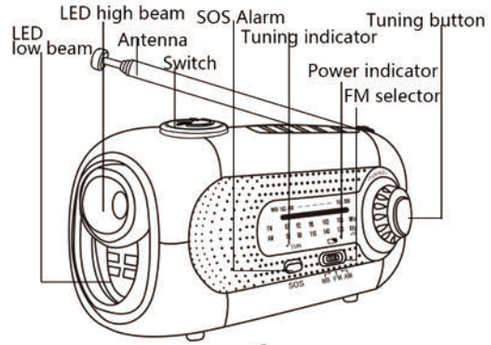
Product operation

- Turn the volume button to turn on the radio and adjust the volume
- Push the FM selector to switch AM/FM/WB mode. Extend the antenna to receive a better signal.
- Rotate the tuning button to adjust the frequency, and the green indicator lights up when tuning.
- LED lighting: 4-speed switch, the first low beam, the second high beam, the third far and near beam are all on, and the fourth is off.
- SOS alarm long press for 2 seconds, the alarm sounds and LED flashes, press again to turn off.

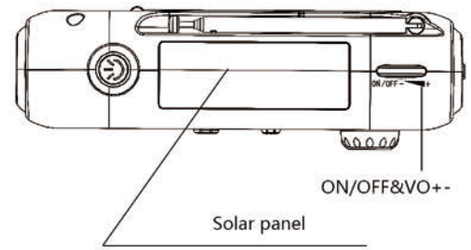


Product charging

Before you charge, please be sure to read the following safety manual.

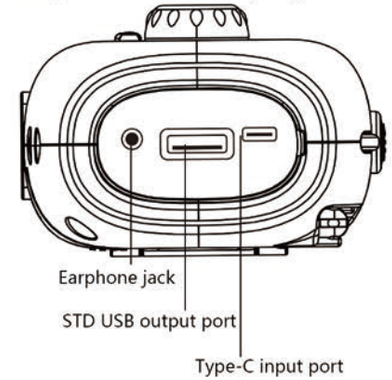
A. Solar charging

- Store solar panels in direct sunlight.
- When the battery is charging, the power indicator will turn red.
- It is more difficult to fully charge with solar panels, and solar energy is only an auxiliary function. It is best to turn off the radio when charging.
- Note: The lifespan of solar panels is more than 25 years (6 hours of daily use)



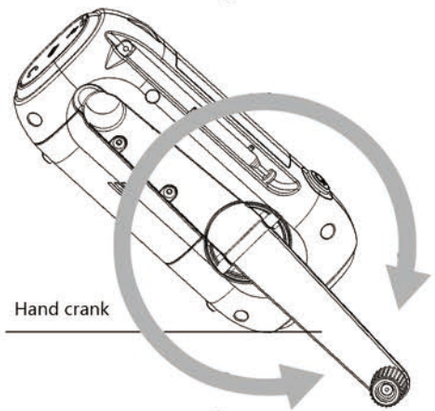
B. USB charging

- Plug the provided Type-C USB cable into the power socket to charge the radio.。
- While the battery is charging, the power indicator will turn red and flash.
- 18650/2000mAh Li-ion battery fully charge about 5~5.5 hours.
- When fully charged, it can be used for more than 10 hours of radio (depending on the volume of the radio), or 15 to 16 hours of lighting.



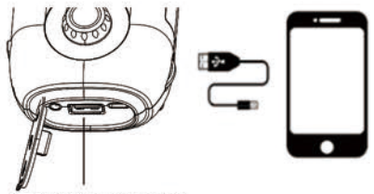
C. Hand crank charging

- Open the hand crank and rotate it clockwise or counterclockwise.
- When using it for the first time, turn the joystick for 3~5 minutes to activate the internal battery,
- crank at a speed of 130~150 rpm, and it takes 3.5~4 hours to complete the charging.
- Rotate at 130 rpm for 1 minute, radio for 5~10 min (moderate volume), or light for 20~30 minutes.



External charging function

- The unit can charge USB devices from the internal battery, or by rotating the hand joystick at 130 rpm.
- Plug the included charging cable into the unit's USB output port and link it to the device, the unit will enter charging mode and help your device charge.

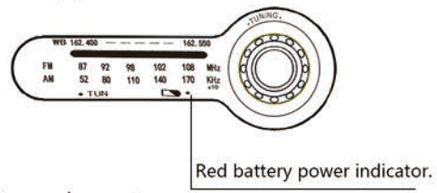


Note:

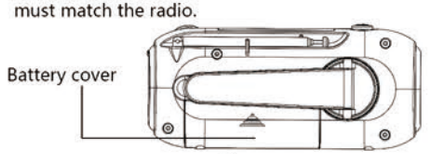
- This function is suitable for charging your device in an emergency and cannot be used as a normal power bank.
- The provided charging cable is only suitable for Micro USB/iPhone/Type-C charging (via an adapter), other USB devices should be charged with the original charging cable.

More features

- Headphone use
  Plug your headphones into the jack and you can listen to the radio.
- Battery indicator
  Red battery power indicator.



- Battery replacement
  The 18650 lithium battery is replaceable.
  If the battery is bad or you want to replace the battery, you can remove the battery cover and replace it.
  Kindly remind that the battery model you replace must match the radio.



Product specifications

Name	Emergency radio
Frequency	AM 520 - 1700KHz FM 87 - 108MHz WB 162.400 - 162.550MHz
Size	153 x 48 x 69 mm
Weight	250g
Material	ABS
Power	3.5W
Voltage	2.7V ~ 4.2V
Battery model	3.7V 2000mAh 18650 Li-ion

Safety instructions

- Dropping the product can cause damage, and the parts are not resistant to heavy blows or contact with corrosive liquids.
- This product is IPX3 waterproof and needs to be kept dry during use. Moisture and liquid are not good for the product.
- Rotate the hand joystick for 3~5 minutes before use to activate the internal battery to maintain normal use.

RoHS

Made in China

FCC Warning

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.

NOTE 1: 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 determined by turning the equipment off and on, the user is encouraged to try to correct the interference 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.

NOTE 2: Any 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.