User Manual

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RADIO OPERATION

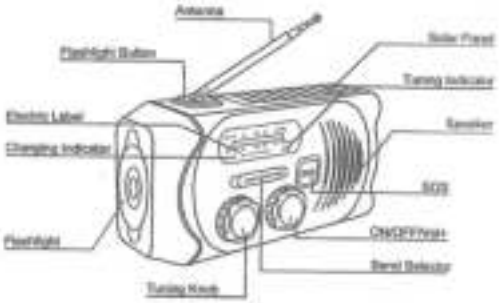
- Rotate the volume control knob to turn on the radio and adjust volume.
- Select FM /AM with BAND button. Extend the antenna to get better signal.
- Rotate the tuning knob to select channel. Green tuning indicator will turn on when a channel is properly selected.

FLASHLIGHT

- Press the flashlight button to turn it on/off.

SOS

- Double click the "SOS" button to turn it on. Single click the "SOS"button to turn it off.



POWER YOUR RADIO

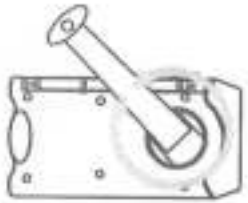
Before you power your radio, make sure to read the SAFERY INSTRUCTIONS.

A. SOLAR POWER

- Place solar panel in direct sunlight.
- Charging indicator will turn red as the battery charged.
- It is difficult to fully charge the unit with solar panel, which is mostly used for maintaining the battery.
- Do not charge the radio in a hot area such as a car. It is also advised to turn the radio off when charging.

B. HAND CRANK

- Unfold the handle from the backside of the radio and rotate it in either direction.
- Turn the hand crank for 3-5 minutes to activate the internal battery for initial use.
- Wind the hand crank at a speed of 130-150RPM for power to be generated.

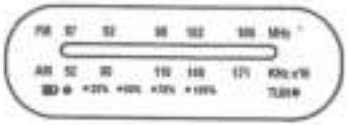


C. USB PORT CHARGING

- To charge the radio, insert the supplied USB cable into the USB power source.
- The charging indicator will flash blue as the battery charges. The charging indicator will stay blue as the battery fully charged.
- It takes about 4 hours for the internal 18650 2000mAh LI-ION battery to be fully charged.

POWER INDICATOR

- This unit has 4 blue power indicator lights to show the power capacity. (C=Capacity)



- 4 lights up: C>75%
- 3 lights up: 50 %<C<75%
- 2 lights up: 25 %< C<50%
- 1 lights up: 3 %< C<25%
- The first light flash: C<3%

Question & Answer

- Q: Is this item Water Resistant?
  A: The radio is water resistant to IPX3 (resistant to sprayed water up to 10 L/min). It can be used reliably in adverse weather conditions, aboard water craft,etc.

- Q: Why solar panel doesn't charge the rechargeable battery?
  A: There are many factors will affect solar charging, like angle, sunlight etc.The charging indicator will be red when you find the good angle to charge it. It is difficult to fully charge the unit with solar panel, which is mostly used for maintaining the battery.

- Q: Why the radio doesn't hold the battery?
  A: The battery will run out when the radio idled for a long time. Please hand crank at a speed of 130-150 RPM for 3-5 minutes to activate the battery and then use USB cable to charge it. Periodically charge the Lithium Ion battery to extend battery life. It would be better to use or charge once every three months to avoid the battery death.

Made in China

CHARGE EXTERNAL DEVICES

- This solar crank radio can charge USB devices by the Li-ion battery of the radio or by cranking at a speed of 130-150RPM.
- Insert the USB cable into the USB output port on the side of the radio and connect to the devices.
- The radio will go into charge mode and help to charge your devices.

Note:

- This feature is better for charging the USB devices during emergency. Do not use it as a normal power bank.

- The supplied charging cable is only for charging Micro USB/ iPhone devices(with adaptor). Other USB devices should be charged using original charging cable.

WARRANTY

- This crank radio has a full 12-month warranty against manufacturing defects.
- The warranty period begins from the date of purchase.

SPECIFICATIONS

Frequency range	AM 520-1710KHz FM 87-108MHz
Dimensions	14.5 x6 x13 cm
Weight	300g/0.67lb
Working voltage	3.7V-4.2V
Output voltage/current	5V/900mA
Water-resistand level	IPX3
LED flashlight	1W/80LM
Power source	3.7V / 2000mAh 18650 Li-ion
Charging time (USB)	About 4 hours
After fully charged, the device support	Radio play (medium volume): 15-18 h Flashlight: 10-12 h
One minute of winding, the device support	Radio play (medium volume): 5-8 min Flashlight: 10-16 min

SAFETY INSTRUCTIONS

- Dropping this radio can cause injury or damage. The unit will not resist strong impact or contact with corrosive liquids.
- Keep the unit dry as moisture and liquids can damage it.
- Wind the crank for 3-5 min before use to activate and keep the internal battery healthy.
- Charge the radio once every 3 months.