

### RADIO OPERATION

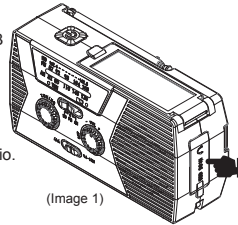
1. Select Li-ion battery or AAA battery before use.
2. Turn the 'Volume' knob clockwise to power on the radio and adjust volume.
3. Select FM/AM/WB with radio band switch, extend the antenna to get better signal reception on FM and Weather bands.
4. Turn Radio Dial to in station. Green indicator turns on when the station selected is fully engaged.

Note: When battery is over loading or short circuit, it would stop output automatically.  
When the battery voltage is lower than 2.5V, the radio will cut off automatically.

### CHARGE TO THE MOBILE PHONE (Image 1)

1. Connect cell phone (or other USB 5V devices) and radio via USB cable, it will charge automatically if internal battery is charged.
2. Cell phone or other devices can be charged by using the hand Crank / Solar if needed, but as the last charging option, just for emergency, not recommend this.

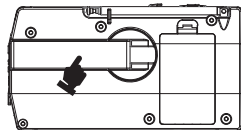
Note: • Do not charge USB devices when you are using radio to receive the AM band, or it may have noise interfere for radio.  
• This feature is intended to only charge USB devices for emergency use, not a normal power bank.



### POWER SUPPLYING:

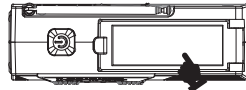
#### A. Hand-Cranking (Image 2)

- Turn the Hand Crank for 3-5 minutes to charge the internal battery. While cranking the unit, the charging indicator will turn red
- Turn the Hand Crank continuously in clockwise or counter-clockwise at speed of 100-120 RPM to generate power, Internal battery should be fully charged after approximately 4 hours of cranking which does not have to be continuous
- Typically, one minute of cranking supports 20 minutes of light or 10-15 minutes of radio playing at medium volume.



#### B. Solar Power (Image 3)

- Expose the radio solar panel in direct sunlight.
- Solar panel will charge the entire device, including the radio, flashlight and SOS alarm.
- It is mostly used for maintaining the battery, to extend its life.

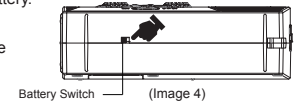


#### C. USB Port Charging

- Recharge it via supplied USB cable.
- Connect USB power (such as AC/DC adapter or computer USB power port) and the Micro USB jack of the radio with the supplied USB charging cable.
- Power indicator turns red during charging while turns off after being fully charged.
- It takes 4.5 hours to fully charge the internal Li-ion battery.

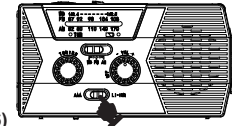
#### D. AAA Battery (Image 4)

- Remove batteries case cover, load the batteries inside correctly and then close batteries case.
- Push the Battery Switch to AAA position.
- This radio supports 3 AAA batteries (not included).



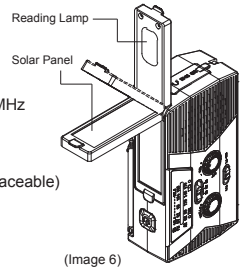
#### SOS Alarm (Image 5)

Using the SOS Alarm in an emergency, you can turn on the red SOS light by pushing the Alarm/Radio knob to the left, the sound an alarm and with a red light flash.



#### USING THE FLASHLIGHT & READING LAMP (Image 6)

- Press the flashlight switch to turn it on/off.
- Lift up the solar panel, the lights will be on automatica



#### SPECIFICATION

- Dimensions: 140x74x45mm / 5.5x2.9x1.8 inches
- Unit weight: 310g/0.68lb
- Max consumption power: 2W
- Radio Frequency Range: AM 520~1710KHz FM 87~108MHz NOAA 162.40~162.55MHz
- Working Voltage: 2.7-4.2V
- Water proof level: IPX3
- Internal Rechargeable battery: 2000mah 3.7V Li-ion (unreplaceable)
- Battery lifetime: >3 years (daily average use 3 hours)
- Dry battery size: 3\*AAA
- LED Flashlight: 1W/20LM

#### CARING AND MAINTENANCE:

- Pull the antenna GENTLY out to get better reception and retract it properly when not in use.
- Wipe the outside of the unit with a soft, damp cloth.
- Clean the lens with a standard lens cleaning product.
- Do not clean unit with harsh abrasive or any solvents.
- Unit is NOT waterproof, only water-resistant. DO NOT submerge in water.
- When the unit is idle for more than 60 days, please hand crank for 3-5 minutes to charge the internal battery.

#### WARNINGS



ATTENTION!

Before using this radio, read this guide which contains important operating instructions for safe usage and RF energy awareness and control for compliance with applicable standards and regulations.

#### Local Government Regulations

When the radios are used as a consequence of employment, the Local Government Regulations requires users to be fully aware of and able to control their exposure to meet occupational

requirements. Exposure awareness can be facilitated by the use of a product label directing users to specific user awareness information. Your Reteless radio has a RF Exposure Product Label. Also, your user manual, or separate safety booklet includes information and operating instructions required to control your RF exposure and to satisfy compliance requirements.

### Compliance with RF Exposure Standards (If appropriate, Reference to the actual product's Safety Marking)

Your Reteless radio is designed and tested to comply with a number of national and International standards and guidelines (listed below) for human exposure to radio frequency electro-magnetic energy.

### FCC ID

The FCC ID means: This radio complies with the IEEE (FCC) and ICNIRP exposure limits for occupational/controlled RF exposure environments at operating duty factors of up to 50% talk-50% listen and is approved for occupational use only. 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.

Warning: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

### NOTE

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.



The CE marking means: Hereby, Henan Eshow Electronic Commerce Co.,Ltd. declares that the radio equipment type is in compliance with the RED Directive 2014/53/EU and the ROHS Directive 2011/65/EU and the WEEE Directive 2012/19/EU. The full text of the EU declaration of conformity is available at the following internet address: [www.tivdio.com](http://www.tivdio.com)

### IC ID

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions:

- (1) This device may not cause interference, and
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

In terms of measuring RF energy for compliance with these exposure guidelines, your radio generates measurable RF energy only while it is transmitting (during talking), not when it is receiving (listening) or in standby mode.

### Avoid Choking Hazardg)



Small Parts. Not for children under 3 years.

### Protect your hearing



- Use the lowest volume necessary to do your job.
- Turn up the volume only if you are in noisy surroundings.
- Turn down the volume before adding headset or earpiece.

### Turn off your radio power in the following conditions:



- Turn off your radio before removing (installing) a battery or accessory or when charging battery.
  - Turn off your radio when you are in a potentially hazardous environments: Near electrical blasting caps, in a blasting area, in explosive atmospheres (flammable gas, dust particles, metallic powders, grain powders, etc.).
  - Turn off your radio while taking on fuel or while parked at gasoline service stations.
- To avoid electromagnetic interference and/or compatibility conflicts**
- Turn off your radio in any facility where posted notices instruct you to do so, hospitals or health care facilities (Pacemakers, Hearing Aids and Other Medical Devices) may be using equipment that is sensitive to external RF energy.
  - Turn off your radio when on board an aircraft. Any use of a radio must be in accordance with applicable regulations per airline crew instructions.

### Avoid Burns



#### Antennas

- Do not use any portable radio that has a damaged antenna. If a damaged antenna comes into contact with the skin when the radio is in use, a minor burn can result.

#### Batteries (If appropriate)

- When the conductive material such as jewelry, keys or chains touch exposed terminals of the batteries, may complete an electrical circuit (short circuit the battery) and become hot to cause bodily injury such as burns. Exercise care in handling any battery, particularly when placing it inside a pocket, purse or other container with metal objects.

#### Long transmission (If appropriate)

- When the transceiver is used for long transmissions, the radiator and chassis will become hot.

### Safety Operation



#### Forbid

- Do not use charger outdoors or in moist environments, use only in dry locations/conditions.
- Do not disassemble the charger, that may result in risk of electrical shock or fire.
- Do not operate the charger if it has been broken or damaged in any way.
- Do not place a portable radio in the area over an air bag or in the air bag deployment area. The radio may be propelled with great force and cause serious injury to occupants of the vehicle when the air bag inflates.

#### To reduce risk

- Pull by the plug rather than the cord when disconnecting the charger.
- Unplug the charger from the AC outlet before attempting any maintenance or cleaning.
- Contact Reteless for assistance regarding repairs and service.

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