

SolaDyne® Emergency Alert Radio & Flashlight #7415

IMPORTANT SAFEGUARDS

- Read all instructions before operating
- Do not look directly at the light; may cause injury
- Do not use in flammable or explosive environments
- Do not operate at temperatures above 120°F
- Avoid placing siren near the ears when using the siren
- To reduce the risk of electric shock, do not submerge the unit or its accessories in any liquid. Unit is water resistant but not waterproof.
- Turn off all lights and radio features before charging
- For maximum battery efficiency, never completely deplete stored power
- Store in a clean dry place when not in use
- Administer close supervision when using around children

FCC REQUIREMENTS

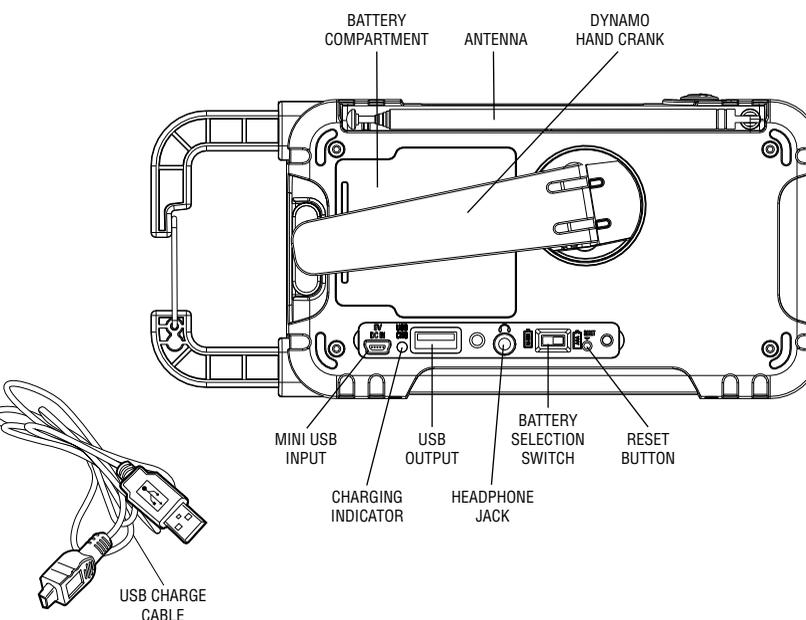
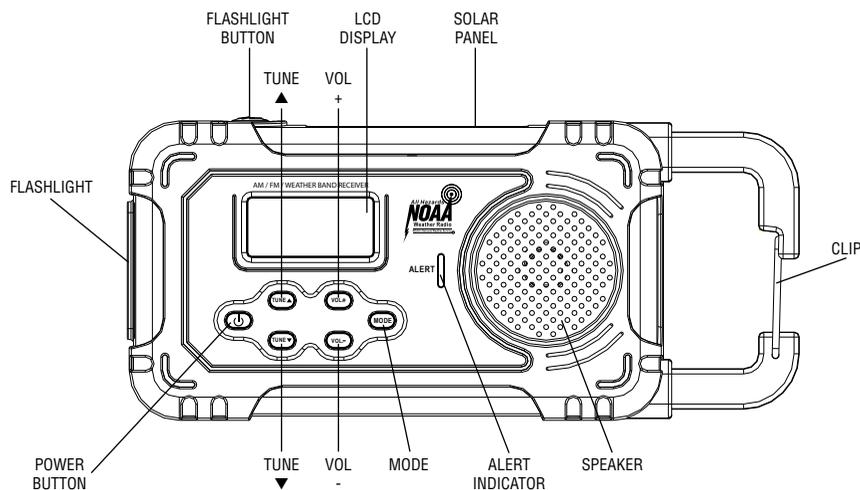
Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment

NOTE: 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 of 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

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.

PARTS IDENTIFICATION



CHARGING THE RECHARGEABLE BATTERY

Before first use, open the battery compartment cover and remove the battery pull tab.

Before charging, turn off the light and radio functions. The CHARGING INDICATOR will illuminate during charging.

Low Battery Indicator:

The LOW BATTERY INDICATOR will appear and flash in the LCD DISPLAY if the battery level becomes low. At that point it is time to recharge the internal rechargeable lithium ion battery or replace the AAA alkaline batteries.

Solar Charging:

1. Set the BATTERY SELECTION SWITCH to the LI-ION BATTERY position.
2. Place the unit in direct sunlight with the SOLAR PANEL facing the sun. The CHARGING INDICATOR will illuminate green to show that it is strong enough to charge the battery. Occasionally adjusting the unit to keep it in direct sun may be needed when charging for an extended period of time.
3. Charging will be most effective on a bright sunny day. It will take longer to charge on a cloudy day.

Dynamo Charging:

1. Place the BATTERY SELECTION SWITCH in the LI-ION position (to the left)
2. Open the HAND CRANK and rotate clockwise at approximately 120 cycles/minute for a minimum of 2-3 minutes. Winding for a longer period of time will yield longer power durations.
3. The CHARGING INDICATOR will illuminate red during charging.
4. Close the Hand Crank.

5V USB, 120V AC, or 12V DC Charging (12V & 120V adapters not included):

The USB adapter may be used to charge the unit directly from any USB power source. An optional method requires a USB compatible 120V AC or 12V DC adapter available from your local electronics store.

1. Plug the mini USB tip on the USB CHARGE CABLE into the MINI USB INPUT port of the unit and then plug the adapter into a USB port.
2. If using the optional 120V or 12V adapters, connect either one to the USB end of the USB CHARGE CABLE and into any electrical outlet or vehicle power receptacle.
3. Charging will begin when connected. The CHARGING INDICATOR will illuminate red during charging and change to green once charging is complete.

AAA Batteries (not included):

1. Non-rechargeable AAA batteries, or rechargeable AAA batteries may also be installed. Note, that if rechargeable batteries are used, they cannot be recharged using any of the charging methods listed above. Visit your local retailer or www.aervoe.com for rechargeable batteries and battery recharging devices.
2. Open the BATTERY COVER DOOR and follow the polarity diagram shown inside to install the batteries, and replace the door.
3. Open the RUBBER DUST COVER on the back and change the BATTERY SELECTOR SWITCH to the AAA BATTERY position. Note: when in this position the rechargeable lithium will not be in use.

CAUTION

- When using AAA batteries, make sure they are installed correctly. The unit may be damaged if the polarity is switched.
- Do not mix old and new batteries
- Do not mix Alkaline and rechargeable batteries
- Remove batteries when stored for an extended period of time

OPERATING THE AM/FM/NOAA WEATHER BAND RADIO

4. Press the POWER BUTTON on the front to turn on and off.
5. Select either the AM, FM or Weather band pressing the MODE button. The radio station and radio band will appear on the LCD SCREEN. When choosing the Weatherband mode you will need to identify which frequency receives your local weather report.
6. Adjust the volume by pressing the VOL+/VOL- buttons.
7. Tune to the desired station using the TUNE ▼ / ▲ tuning buttons. Cycle through the frequencies by pressing repeatedly.
8. To scan for the next station with a strong signal, press and hold the TUNE ▲/▼ button. The tuner will stop on the first strong signal. Adjustments to the frequency can be made using by manual tuning. Repeat to hear the next audible station. NOAA weatherband information is listed on the back page. Press the POWER button. The LCD DISPLAY will illuminate.
9. To maximize FM reception, adjust the telescoping antenna. The AM antenna is located within the radio case so reposition the unit for the best reception.
10. To turn off, press the POWER button. The LCD display will turn off after 20 seconds.

Weather Alert Mode:

The Weatherband Alert mode, when set, will automatically turn on the radio when any emergency alert from NOAA is activated in your area. In this mode it is recommended that you use a continuous source of power such as the solar panel or an accessory 120V AC charger to ensure the unit is always charged.

1. Turn the radio on and select the appropriate Weather band frequency and adjust the volume as described above.
2. Press the MODE button again and the WB identification will flash. The radio is now on Stand-By and will turn on if a NOAA alert is activated (including an Amber Alert).
3. To deactivate, press the MODE button again to return to normal radio listening.
4. To learn more about the NOAA and emergency alerts visit www.nws.noaa.gov/nwr/

FLASHLIGHT

Press the Flashlight button to turn it off and on.

CELL PHONE/PORTABLE DEVICE CHARGING

Utilizes a USB compatible cell phone charger (not included) and power from the lithium ion battery, AAA batteries, or the dynamo hand crank.

1. Open the RUBBER DUST COVER on the back and choose the appropriate BATTERY SELECTOR SWITCH position.
2. Connect your cell phone charger to the USB OUTPUT port and the other end to your cell phone. Charging will begin immediately.
3. Refer to your device's user manual to ensure the charging current required does not exceed 1 amp. Overloading the charging circuit may damage the unit and void our warranty.

SETTING THE CLOCK

If the battery has completely drained the clock will not work. Recharge the battery first.

1. Turn off the radio and press the MODE button for 2 seconds to enter the clock setting mode.
2. Press the TUNE ▲/▼ button to select between 12 hr and 24 hr format then confirm the setting by pressing the MODE button.
3. Press the TUNE ▲/▼ button again to set the hour. Pressing and holding either button will cycle through the hours more quickly. Note the change between AM and PM as you cycle through. Press the MODE button to confirm your setting. Repeat to set the minutes.
4. If the unit has been reset or the battery was completely drained, you will need to reset the clock.

HEADPHONES

When using headphones or earbuds the speaker will be disconnected for private listening. For the protection of your ears avoid listening at a high volume for an extended period of time.

RESETTING THE UNIT

If the unit fails to respond to any commands from the control panel it may have experienced a power surge or other such disturbance and has become locked. Use a straightened paper clip or toothpick to press the RESET button on the back of the unit. Doing this will reset the clock so it will have to be reprogrammed.

TECHNICAL INFORMATION

SPECIFICATIONS	
INTERNAL RECHARGEABLE BATTERY	3.7V DC, 600 mAh rechargeable lithium ion battery
FLASHLIGHT	3 LEDs - each 10,000 hrs, 20,000 MCD
DC INPUT	5V DC, 500 mA
REPLACEABLE BATTERIES (optional)	3 x AAA 1.5V alkaline batteries
DC OUTPUT	5V +/- 0.25V
120V AC or 12V DC CHARGER (not included)	5V/1A - USB compatible Available at electronics stores.
WEIGHT	18 oz. (510g)
DIMENSIONS	7.875" x 2.875" x 3.5" (20 x 7.3 x 8.9cm)
WORKING TEMPERATURE	32°F - 120°F (0°C - 49°C)

CHARGING TIMES	TIME TO REACH A FULL CHARGE
Solar	6-8 hours in bright, direct sunlight. Charging times may be longer depending on the time of year and position of the solar panel.
USB, 120V AC or 12V DC	5-6 hours. When using the USB feature don't allow the power source to go to sleep as charging will stop.
Dynamo Hand Crank	N/A

POWER DURATION	RADIO	FLASHLIGHT	CELL PHONE
Full lithium ion battery	5-8 hours	5-6 hours	Up to 1 hour
Full AAA batteries	10-12 hours	10-12 hours	Up to 2 hours
Dynamo Hand Crank (2-3 minutes of winding)	15-20 minutes	15-20 minutes	1-5 minutes talk time

RADIO BANDS	
	AM: 525 - 1710 Khz
	FM: 87.5 - 108 Mhz
	WEATHERBAND: 162.400, 162.425, 162.450, 162,475, 162.500, 162.525, 162.550



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7415inst; cs10/12

SOLADYNE®

Emergency Alert Radio & Flashlight

OPERATING INSTRUCTIONS



AM BAND
FM BAND
7 WEATHER BAND STATIONS
NOAA WEATHER ALERT