

Product Data Sheet

No. 87415 - 08/16

SOLADYNE® EMERGENCY ALERT RADIO & FLASHLIGHT

PRODUCT NUMBER: 7415



I. GENERAL DESCRIPTION

Features: The SolaDyne® Emergency Alert Radio & Flashlight is a self-powered AM/FM/Weatherband radio and a 3 LED flashlight. The Weatherband also includes a NOAA all hazards alert. It features a solar panel that provides up to 8 hours of radio use and 6 hours of light and a high efficiency dynamo charging system that with 2-3 minutes of winding will provide 20 minutes of radio use or light. In addition, it will charge a cell phone via USB output using the dynamo system or stored battery power (adapter not included).

The unit also features a telescoping antenna, a clip to hang it up with, an input port for headphone use (headphones not included), and may be charged using USB power (adapter included) or from a 120V or 12V power adapter (sold separately) for a full battery charge. If sunlight and electricity are not available 3-AAA batteries may also be installed to operate the unit.

Benefits: The Emergency Alert Radio & Flashlight offers reliable light and radio - without the need to constantly replace the batteries. Just leave it out in the sun during the day for hours of use at night. The solar panel is efficient enough to both charge the internal rechargeable battery and operate the radio at the same time. If the sun isn't shining, simply wind it up with the hand crank. Or, when electricity is available, use a power adapter to get a full charge.

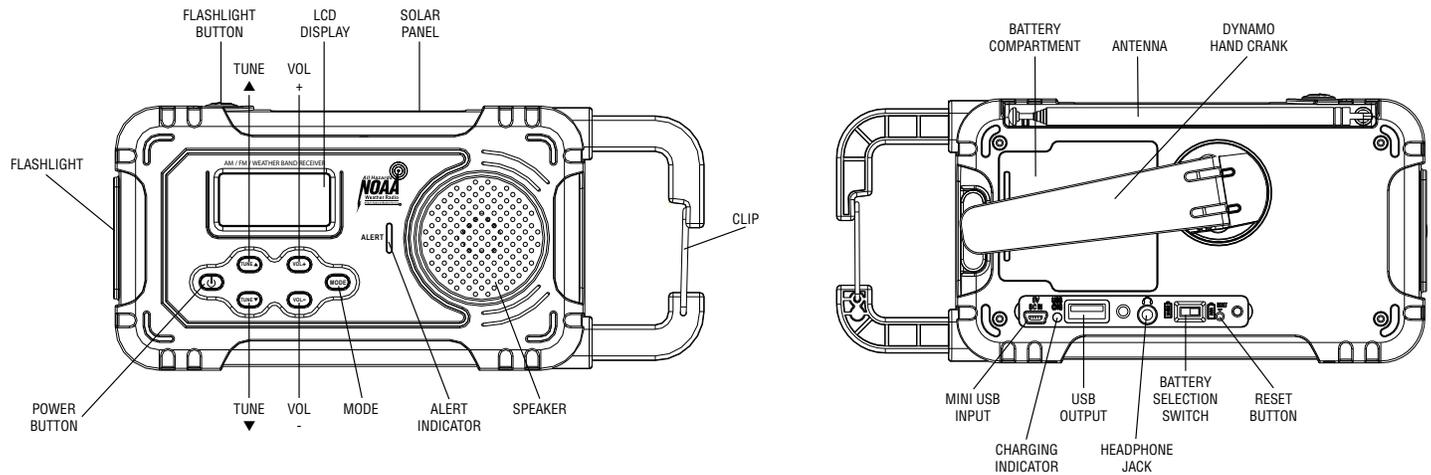
Uses: This portable, hand size device, is ideal for emergency preparedness and all recreation uses - camping, fishing, travel, etc.

Warnings: Read all instructions thoroughly prior to use. Avoid pointing the light at eyes. Remember to turn off when not in use and while charging. Remove from 5 USB, 12V DC, and 120V AC chargers when charging is complete, Flashlight is water resistant, but not waterproof. Do not submerge in liquid. This unit is not intended for use in explosive atmospheres or locations. Do not store at temperatures above 120°F (49°C) or below 15°F (-9°C).

Packaging:

Each clamshell:	1 lbs. (0.5 kg)	0.05 CF (0.001 CM)	8.5" L x 2.63" W x 4" H
Case (4/case):	4.91 lbs. (2.2 kg)	0.22 CF (0.006 CM)	8.7" L x 5.3" W x 8.25" H

II. DIAGRAM



III. SPECIFICATIONS

Battery Information	3.7V DC, 600 mAh rechargeable lithium ion battery
LED Lights	3 LEDs, each 10,000 hrs, 20,000 MCD
DC Input (not included)	5V DC, 500 mA
Replaceable batteries (optional).....	3 x AAA alkaline batteries
DC Output	5V +/- 0.25V
Auxiliary charging method	120V AC Power Adapter Input: 120V AC 50/60 Hz Output: 6V DC 300 mA
Weight	18 oz. (510g)
Dimensions	7.875" L x 2.875" W x 3.5" H (20 x 7.3 x 8.9 cm)

CHARGING TIMES	TIME TO REACH 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 12 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 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 of 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

IV. SHIPPING, STORAGE AND HEALTH

UN number	N/A
Proper Shipping Description.....	Non regulated material
Hazard Class	N/A
Packing Group.....	N/A
Limited Quantity.....	N/A
Warehouse storage level number.....	N/A
Storage temperature.....	70° (21°C)
Shelf life.....	1 to 2 years
HMIS ratings	
Health.....	N/A
Fire.....	N/A
Reactivity	N/A

V. MISCELLANEOUS

Note: Batteries must be disposed of properly. Consult local disposal authority in your area for information.

VI. WARRANTY

1-year warranty to the original registered owner on all products from date of purchase. User returns, exchanges and defective refunds must be made with the original place of purchase. Because Aervoe cannot control Buyer's handling or use of product, Aervoe makes no warranty expressed or implied when not used or stored in accordance with directions. Aervoe shall not be liable for cost of labor, incidental or consequential damages, and this warranty is limited to replacement or repair of product or credit of purchase.