

**NOTE:** The unit can only be charged using outdoor sunlight. Indoor incandescent lights and lamps are not strong enough to charge the rechargeable battery properly.

## CHARGING YOUR SMART PHONE OR PORTABLE DEVICE

This unit features a USB port for charging your portable device (iPod, iPhone, Android phone, etc.)

Use the USB charging cord that came with your device.

1. Fully charge the built-in rechargeable lithium battery prior to attaching the device to be charged.
2. Plug one end of the USB cable (not included) into the “USB CHARGING” port located on the back of the JEP-900. Plug the other end of the cord into the device you wish to charge.
3. Press and hold the POWER ON/OFF  BUTTON until the USB CHARGING LED on the front display lights.
4. Release the button and the charge indicator on the device you want to charge should turn on.
5. It's recommended that you fully charge the internal Li-ion battery prior to attempting to charge a mobile device with the USB port. The USB port is only capable of delivering the amount of power that is left in the internal Li-ion battery.
6. Unplug the cable when your device is charged or when the internal Li-ion battery of the JEP-900 is drained.
7. Press the POWER ON/OFF  BUTTON again to turn off the USB CHARGING. The LED on the front will turn off.

### CAUTION:

Before charging, please refer to the user manual of the device you wish to charge to make sure the charging current required does not exceed 2Amp (2,000 mA) of charging current. Overloading the charge circuit may damage the JEP-900 and void the warranty.

**NOTE:**

- 1.) Some smart phones and portable devices use proprietary USB connections and circuitry, so they may not charge when plugged into the USB port. Please refer to your device user manual before you attempt to charge them.
- 2.) It is normal for the JEP-900 to be warm while the USB port is in use and charging your smart phone or portable device.
- 3.) The unit will switch to from charging mode to the low battery power mode automatically if internal Li-ion battery is drained.
- 4.) In some cases, the internal battery may not fully charge your portable device. It's recommended that if you start to get intermittent charge indications, unplug the device and fully recharge the internal battery of the JEP-900 before attempting to charge your portable device again. See the "Charging the Internal Battery" section above for more information.
- 5.) If a USB cable is plugged in but no smartphone or device is connected for charging, the USB CHARGING port will automatically cut off output after 30 seconds. You will need to press and hold the POWER ON/OFF  BUTTON again until the USB CHARGING LED on the front display lights and places the JEP-900 in USB CHARGING mode.

## CHARGE / NOAA ALERT LED INDICATORS

### Battery Charge LED

#### Battery Charging via USB

- LED lights Red during charging.
- LED lights Green when fully charged.

#### Battery Charging via Crank

- LED lights Red during charging.

#### Battery Charging via Solar

- LED lights Red during charging (Must be outdoors and under strong/direct sunlight)

#### Low Battery indication

- LED flash Red when the built-in lithium battery power becomes weak.

### Weather Alert LED & Red Flashlight

#### NOAA Alert mode

- ALERT LED & Red flashlight flashing when a weather alert signal is detected.

## USING THE FLASHLIGHT (LEFT SIDE)

An LED flashlight is built into the left hand side of the unit.

1. To use the flashlight, tap the FLASHLIGHT/LANTERN button once to turn the flashlight ON. The flashlight defaults in High brightness mode.
2. Tap the FLASHLIGHT/LANTERN button again and the flashlight will change to Low brightness mode.
3. Tap the FLASHLIGHT/LANTERN button a third time and the flashlight will change to SOS flashing mode.
4. Tap the FLASHLIGHT/LANTERN button a fourth time and the flashlight will turn off.
5. If you press the SIREN button when the flashlight is on, the siren will turn on and the flashlight will automatically start flashing.

**NOTE:** When the flashlight is used for extended periods of time it will cause the battery to drain, so the flashlight may no longer work properly. The internal battery needs to be recharged or 3 new "AA" batteries should be installed.

## USING THE LANTERN (RIGHT SIDE)

A LED lantern is built into the right hand side of the unit.

1. To use the lantern, press and hold the FLASHLIGHT/LANTERN button to the lantern off.
2. Press and hold the button again to turn it off.

**NOTE:** When the lantern is used for extended periods of time it will cause the battery to drain, so the lantern may no longer work properly. The internal battery needs to be recharged or 3 new "AA" batteries should be installed.

## USING THE SIREN

A Siren alarm is built into the unit.

1. Press SIREN button to turn it ON, alarm will sound.
2. Press the button again, alarm will turn off.

**Note:** 1.) If you press the SIREN button when the flashlight is on, the siren will turn on and the flashlight will automatically start flashing.  
2.) The Power ON/OFF button will be disabled when the Siren switch is in the ON position.

## USING EARBUDS (NOT INCLUDED)

Inserting the plug of your earbuds into the earbuds jack will enable you to listen in private.

When using earbuds, the speakers will be disconnected.

### Read this Important Information before Using Your Earbuds

- 1.) Avoid extended play at very high volume as it may impair your hearing.
- 2.) If you experience ringing in your ears, reduce the volume or shut off the unit.
- 3.) Keep the volume at a reasonable level even if your headset is an open-air type designed to allow you to hear outside sounds. Please note that excessively high volume may still block outside sounds.

## CARE AND MAINTENANCE

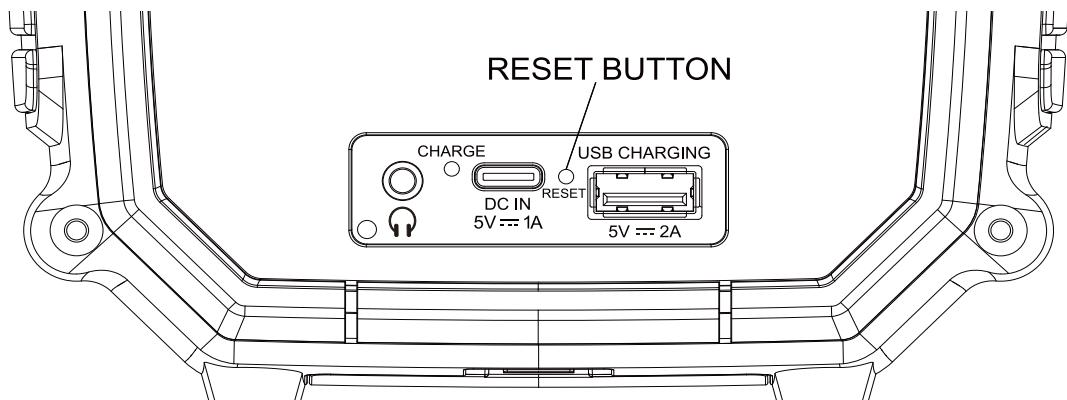
1. Do not subject the unit to excessive force, shock, dust or extreme temperature.
2. Do not tamper the internal components of the unit.
3. Clean your unit with a damp (never wet) cloth. Solvent or detergent should never be used.
4. Avoid leaving your unit in direct sunlight or in hot, humid or dusty places.
5. Keep your unit away from heating appliances and sources of electrical noise such as fluorescent lamps or motors.

**CAUTION:** Never allow any water or other liquids to get inside the unit while cleaning.

### Resetting the Unit

If the unit experiences a power surge or electric shock, it is possible that the internal micro-controller may lock up and the unit will not respond to any commands from the panel controls. In this event, use a straightened paper clip, toothpick or similar objects to press the RESET button located on the back of the unit under rubber cover (see the below figure). The reset operation clears the system memory and all of your previous settings will be erased.

**CAUTION: DO NOT USE A SHARP OR POINTED OBJECT TO PRESS THE RESET BUTTON. IT MAY DAMAGE THE RESET SWITCH INSIDE THE UNIT.**



## TROUBLESHOOTING GUIDE

If you experience difficulties in the use of this music system, please check the following or call 1-800-777-5331 for Customer Service.

<b>Symptom</b>	<b>Possible Cause</b>	<b>Solution</b>
No/low sound when power on the radio	VOLUME control is set to minimum.	Adjust the VOLUME control.
	Station has not been tuned properly.	Tune the station properly.
	FM reception is weak.	Extend and rotate the telescopic antenna.
	AM reception is weak.	Relocate the position of the unit.
	Unit in Weather Alert Mode	Select AM, FM or WB mode as desired.
Power is not on	The built-in rechargeable battery is low, and the "AA" batteries are exhausted.	Recharge the built-in rechargeable battery and replace all 3 "AA" batteries with fresh ones.
Bluetooth No Sound	Unit is not linked with your Bluetooth enabled device.	Go through "Bluetooth Operations" process to link the speakers.

	Unit placement out of range.	Relocate the unit within Bluetooth operating range (30 feet)
	Your Bluetooth enabled device Volume set too low.	Increase Volume level of your Bluetooth enabled device.
USB no charging	The built-in rechargeable battery is low.	Fully recharge the built-in rechargeable battery before charging your Portable device.

## SPECIFICATION

### Power requirement:

DC Input: 3 X AA (UM-3) Batteries or  
Built-in DC 3.7V, 8000 mAh Li-ion rechargeable battery  
or Type C USB Power: DC 5V, 1000mA (Min.)

Bluetooth: V5.3

### Frequency Range

Radio Band FM 87.5 ~ 108 MHz  
AM 520 - 1710 KHz  
WX CH1 – 7



At Spectra, environmental and social responsibility is a core value of our business. We are dedicated to continuous implementation of responsible initiatives with an aim to conserve and maintain the environment through responsible recycling.

Please visit us at <http://www.spectraintl.com/green.htm> for more information on Spectra's green initiatives or to find a recycler in your area.

The *Bluetooth*® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by Spectra Merchandising Intl, Inc. is under license. Other trademarks and trade names are those of their respective owners.

## 1 YEAR LIMITED WARRANTY AND SERVICE VALID IN THE U.S.A. ONLY

SPECTRA MERCHANDISING INTERNATIONAL, INC. warrants this unit to be free from defective materials or factory workmanship for a period of 1 year from the date of original customer purchase and provided the product is utilized within the U.S.A. This warranty is not assignable or transferable. Our obligation under this warranty is the repair or replacement of the defective unit or any part thereof, except batteries, when it is returned to the SPECTRA Service Department, accompanied by proof of the date of original consumer purchase, such as a duplicate copy of a sales receipt.

You must pay all shipping charges required to ship the product to SPECTRA for warranty service. If the product is repaired or replaced under warranty, the return charges will be at SPECTRA's expense. There are no other express warranties other than those stated herein.

This warranty is valid only in accordance with the conditions set forth below:

1. The warranty applies to the SPECTRA product only while:
  - a. It remains in the possession of the original purchaser and proof of purchase is demonstrated.
  - b. It has not been subjected to accident, misuse, abuse, improper service, usage outside the descriptions and warnings covered within the user manual or non-SPECTRA approved modifications.
  - c. Claims are made within the warranty period.
2. This warranty does not cover damage or equipment failure caused by electrical wiring not in compliance with electrical codes or SPECTRA user manual specifications, or failure to provide reasonable care and necessary maintenance as outlined in the user manual.
3. Warranty of all SPECTRA products applies to residential use only and is void when products are used in a nonresidential environment or installed outside the United States.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. TO OBTAIN SERVICE please remove all batteries (if any) and pack the unit carefully and send it freight prepaid to SPECTRA at the address shown below. IF THE UNIT IS RETURNED WITHIN THE WARRANTY PERIOD shown above, please include a proof of purchase (dated cash register receipt) so that we may establish your eligibility for warranty service and repair of the unit without cost. Also include a note with a description explaining how the unit is defective. A customer service representative may need to contact you regarding the status of your repair, so please include your name, address, phone number and email address to expedite the process.

It is recommended that you contact SPECTRA first at 1-800-777-5331 or by email at [custserv@spectraintl.com](mailto:custserv@spectraintl.com) for updated information on the unit requiring service. In some cases the model you have may be discontinued, and SPECTRA reserves the right to offer alternative options for repair or replacement.

SPECTRA MERCHANDISING INTERNATIONAL, INC.  
4230 North Normandy Avenue,  
Chicago, IL 60634, USA.  
1-800-777-5331

To register your product, visit the link on the website below to enter your information.  
<http://www.spectraintl.com/wform.htm>

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