



PORTABLE DIGITAL AM/FM WEATHER
RADIO WITH WEATHER ALERT



MODEL: JEP-250
USER MANUAL

PLEASE READ THIS USER MANUAL COMPLETELY BEFORE
OPERATING THIS UNIT AND RETAIN IT FOR FUTURE REFERENCE

IMPORTANT SAFETY INSTRUCTIONS

When used in the directed manner, this unit has been designed and manufactured to ensure your personal safety. However, improper use can result in potential electrical shock or fire hazards. Please read all safety and operating instructions carefully before installation and use, and keep these instructions handy for future reference. Take special note of all warnings listed in these instructions and on the unit.

1. Read these instructions – All the safety and operating instructions should be read before the appliance is operated.
2. Keep these instructions – The safety and operating instructions should be kept for future reference.
3. Heed all warnings – All warnings on the appliance and in the operating instructions should be adhered to.
4. Follow all instructions – All operation and use instructions should be followed.
5. Do not use this apparatus near water – The appliance should not be used near water; for example, near a bath tub, washbowl, kitchen sink, laundry tub, in a wet basement, or near a swimming pool.
6. Clean only with dry cloth – The appliance should be cleaned only as recommended by the manufacturer.
7. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
8. Only use attachments / accessories specified by the manufacturer.
9. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
10. This appliance shall not be exposed to dripping or splashing water and that no object filled with liquids such as vases shall be placed on the apparatus.
11. Power Sources – The appliance should be connected to a power supply only of the type described in the operating instructions or as marked on the appliance. Do not overload wall outlet.
12. Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type.
13. Do not attempt to dismantle, open or repair this product yourself. If a fault occurs, seek advice from your local qualified service technician or contact the distributor via the telephone number at the back of this instruction manual.
14. Caution marking and nameplate are located on bottom of product.

COMPLIANCE WITH FCC REGULATIONS

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.

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.

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

SPECIAL NOTE

This system is equipped with non-skid rubber 'feet' to prevent the product from moving when you operate the controls. These 'feet' are made from non-migrating rubber material specially formulated to avoid leaving any marks or stains on your furniture. However certain types of oil based furniture polishes, wood preservatives, or cleaning sprays may cause the rubber 'feet' to soften, and leave marks or a rubber residue on the furniture.

To prevent any damage to your furniture we strongly recommend that you purchase small self-adhesive felt pads, available at hardware stores and home improvement centers everywhere, and apply these pads to the bottom of the rubber 'feet' before you place the product on fine wooden furniture.

DEAR JENSEN® CUSTOMER

Selecting fine audio equipment such as the unit you've just purchased is only the start of your musical enjoyment. Now it's time to consider how you can maximize the fun and excitement your equipment offers. This manufacturer and the Electronic Industries Association's Consumer Electronics Group want you to get the most out of your equipment by playing it at a safe level. One that lets the sound come through loud and clear without annoying blaring or distortion and, most importantly, without affecting your sensitive hearing.

Sound can be deceiving. Over time your hearing "comfort level" adapts to higher volumes of sound. So what sounds "normal" can actually be loud and harmful to your hearing. Guard against this by setting your equipment at a safe level BEFORE your hearing adapts.

To establish a safe level:

- Start your volume control at a low setting.
- Slowly increase the sound until you can hear it comfortably and clearly, and without distortion.

Once you have established a comfortable sound level:

- Set the dial and leave it there.

Taking a minute to do this now will help to prevent hearing damage or loss in the future. After all, we want you listening for a lifetime.

We Want You Listening For a Lifetime

Used wisely, your new sound equipment will provide a lifetime of fun and enjoyment. Since hearing damage from loud noise is often undetectable until it is too late, this manufacturer and the Electronic Industries Association's Consumer Electronics Group recommend you avoid prolonged exposure to excessive noise.

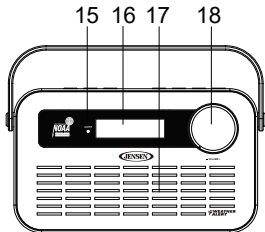
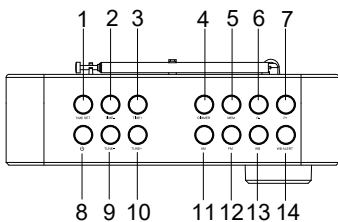
Customer's Record:


The serial number of this product is found on its bottom cover. You should note the serial number of this unit in the space provided as a permanent record of your purchase to aid in identification in the event of theft or loss.

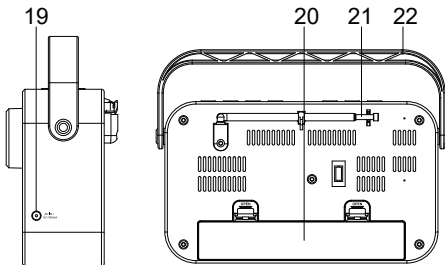
Model Number: JEP-250

Serial Number: _____

LOCATION OF CONTROLS



1. Time Set Button
2. TIME Adjust DOWN (-) Button
3. TIME Adjust UP (+) Button
4. Dimmer Button
5. Memory Button
6. AM/FM/WB Radio PRESET- Button
7. AM/FM/WB Radio PRESET+ Button
8. Power On/Standby  Button
9. AM/FM/WB Radio TUNE- Button
10. AM/FM/WB Radio TUNE+ Button
11. AM Band Button
12. FM Band Button
13. Weather Band Button
14. Weather Band Alert Button
15. Weather Alert Indicator
16. LCD Display
17. Built-in Speaker
18. Volume Control



19.AC IN Jack

20. Battery Compartment Door

21. Rotary Telescopic Antenna

22. Foldable handle


POWER SOURCE

This unit is designed to operate using the included AC-AC adaptor or using 3 X "C" (UM-2) batteries (not included).

1) Battery Operation

1. Open the Battery Door on the back of the radio.
2. Following the polarity diagrams shown in the battery compartment, insert 3 'C' (UM-2) batteries (Not included) and close the battery door.


Note: For optimum performance, alkaline-type batteries are recommended.

3. Press the Power On/Standby  button to turn on the unit for operation.

WARNING:


- Be sure that the batteries are installed correctly. Wrong polarity may damage the unit.
- Do not mix old and new batteries.
- Do not mix alkaline, standard (carbon-zinc) or rechargeable (nickel-cadmium) batteries.
- Only batteries of the same or equivalent type as recommend are to be used.
- If the unit is not to be used for an extended period of time, remove the battery. Any old or leaking battery can cause damage to the unit and may void the warranty.
- Do not dispose of batteries in fire, batteries may explode or leak.
- Do not try to recharge batteries not intended to be recharged; they can overheat, rupture and leak (Follow battery manufacturer's directions).

2) AC Adaptor Operation

1. Plug the included AC adaptor (output: 5 V AC, 400 mA) into the AC IN jack located on the side of the unit.
2. Plug the AC adaptor into an 120V AC, 60Hz household outlet.
3. Press the Power On/Standby  button to turn on the unit for operation.

Note: If batteries are installed, they will automatically be disconnected when the plug is inserted into the unit.

LOW BATTERY INDICATOR

When using battery power to operate this unit and the battery power becomes weak, the low battery icon  will appear on LCD display. You are recommended to replace the exhausted dry cell batteries immediately.

STANDBY MODE

Standby Mode is when the unit is first plugged into an AC power source or when batteries are first installed (display shows "12:00"), or after all the settings have been made and the time is showing on the display. The radio is off, no buttons are pressed and no weather alarms are sounding.

CLOCK SETTING


IMPORTANT NOTE: Please read over the instructions prior to setting the time. The unit will automatically save the settings and exit the time set mode if you do not press any buttons within 10 seconds during the time set process.


When the unit is in standby mode:

1. Press and hold the TIME SET button for 2 seconds to enter clock setting mode, hour digits flashing.
2. Tap the TIME+ (UP) / TIME- (DOWN) button repeatedly to set the hour value. Press and hold the buttons to speed up the forward or reverse scanning of the digits.
Note: Make sure the hour is set so that the **AM** or **PM** indicators are displayed correctly.
3. Press the TIME SET button after the hour is set, Minute digits flashing to prompt for input.
4. Tap the TIME+ (UP) / TIME- (DOWN) button repeatedly to set the minute value. Press and hold the buttons to speed up the forward or reverse scanning of the digits.
5. Press the TIME SET button again to finish clock setting.

Note: You will need to reset the clock if the unit is reset, or if you are using battery power and the batteries become weak or exhausted.

LISTENING TO THE RADIO

1. Press the Power On/Standby  button to turn on the unit, LCD backlight turns on.
2. Tap the AM or FM button to select the AM or FM band, the radio mode indicator displays.
3. To manually tune to a desired station, repeatedly tap the TUNE+ / - button.

4. To automatically search for stations with strong signals, press and hold the TUNE+ / - button until the frequency digits on display begins to scan then release the button. The tuner will stop on the first strong signal it finds.
5. Rotate the volume control to obtain the desired sound level.
6. Press the  button on main unit to turn unit into standby mode after listening. The LCD backlight will automatically turn off after 15 seconds.

Notes:

- Manual tune to select weaker stations that might be skipped during automatic tuning.
- If the automatic tuning does not stop on the exact frequency of the station, for example, it stops on 88.9 MHz instead of 88.8 MHz, use the manual tuning method to "fine tune" to the exact frequency of the desired station.
- In power on mode, the LCD backlight will automatically turn on as default. Tap the Dimmer button repeatedly to select bright, dim or backlight off.


HINTS FOR BEST RECEPTION:

- The AM antenna is located inside the cabinet of the unit. If AM reception is weak, change the position of unit until the internal antenna picks up the strongest signal.
- To insure maximum FM tuner reception, the Telescopic Antenna should be fully extended and rotated to obtain the best possible station reception.

Radio Station Presets

The unit allows you to store up to 10 AM and 10 FM stations for easy recall at any time.


Setting Preset Stations

1. Press the  button to turn on the unit.
2. Tap the AM or FM button to select AM or FM radio mode.
3. Tune to the radio station you want to store in memory by using the TUNE+/- buttons.
4. Press and hold the memory MEM button, the preset channel number "P01" appears on display and location number "01" blinks.
5. To select desired preset station number, tap the P+ or P- button.
6. To confirm preset location, tap the MEM button.
7. Repeat steps 3 to 6 to store other stations if necessary.

Notes:



- There is an approximate 10 seconds delay when programming, after 10 seconds, the unit will automatically save the preset and switch back to normal tuner mode.
- You can overwrite a preset station by overwriting and storing the new frequency in its place.

Recalling a Preset Station

1. Tap the  button to turn on the unit.
2. Tap the AM or FM button to select AM or FM radio receiving mode.
3. To select desired preset channel, tap the P+ or P- button repeatedly.

LISTENING TO A WEATHER CHANNEL

1) Weather Band

1. Press the  button to turn on the unit.
2. Tap the WB button to select weather band. The "WB" icon appears on the display above the weather band channel frequency.
3. Tap the TUNE + / - button to select your local weather broadcasting.
4. Rotate the VOLUME control to obtain the desired sound level.
5. To turn the radio off, press the  button.

Weather Band Channel Frequency Table

CHANNEL	FREQUENCY(MHz)
CH1	162.400
CH2	162.425
CH3	162.450
CH4	162.475
CH5	162.500
CH6	162.525
CH7	162.550

Note: With regard to the NOAA Weather Band: You need to identify which channel/frequency receives your local weather band report. When you change locations either to another city or state, you may need to choose a different band to get the local report in that location.


HINTS FOR BEST RECEPTION:

- To insure maximum weather band reception, the Telescopic Antenna should be fully extended and rotated to obtain the best possible station reception.

2) RECEIVING AN EMERGENCY WEATHER ALERT

The Weather Alert function allows you to set the weather radio to a standby mode that will turn the radio on automatically if there is a severe weather emergency in your area. To receive emergency weather alert warnings, turn the unit on, tune to the strongest local NOAA weather channel, adjust the volume to a level that you will hear when an alert is received. The radio remains silent until an "alert" broadcast occurs.

IMPORTANT: It's recommended that you use the AC adaptor to power the radio when you use the Weather Alert feature.

1. Press the  button to turn on the unit.
2. Tap the WB button to select weather band. The "WB" icon appears on the display above the weather band channel frequency.

3. Tap the TUNE +/- button to select your local weather station.
4. Tap the WB ALERT button to enter Weather Alert standby mode. The radio will turn off and "ALERT" appears on the display above the clock.
5. The unit will turn on automatically when there is an alert message from the National Weather Service. The "ALERT" icon on the display and the ALERT LED will be flashing to let you know an emergency broadcast was received.
6. Tap the WB Alert button again to turn off flashing Alert LED and "ALERT" icon.
7. Tap the AM, FM or WB button to turn off the NOAA Alert.

The Weather Alert feature is available when powering the unit using the included AC adaptor or battery power (batteries not included).

Note: 1.) The radio will continue to drain the battery if it's left in Weather Standby Mode, so it is highly recommended that you use the included AC-AC adaptor to prevent the battery from completely draining and turning the radio off while in use. See the POWER SOURCE section above for more information on the AC-AC adaptor.

2.) NOAA Weather band is a service broadcast of the U.S. Government and available in all 50 states, Puerto Rico and the U.S. Virgin Islands.

3.) The NOAA Weather Service broadcasts a test alert every Wednesday between 11 am and Noon. To receive the broadcasts, the radio must be within the range of the local broadcast site, 10 - 40 miles, depending on terrain and obstructions.

To learn more:

Or find the weather band channel for your area, go to: <http://www.nws.noaa.gov/nwr/> for NOAA (National Oceanic & Atmospheric Administration) and <https://weather.gc.ca/> for Canada Weather.

NOAA ALERT INDICATOR

Weather Alert LED/icon

NOAA Alert mode

- Red alert LED on front panel and Alert icon on the LCD will be on in weather alert mode.
- Red alert LED on front panel and Alert icon on LCD will flash when a weather alert signal is detected

DIMMER

- The dimmer feature is only available when the radio is ON. Tap the DIMMER button to select bright, dim or off for the display.
- When in standby mode, tap the DIMMER button to temporarily light the display for 10 seconds.

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's possible that the internal micro-controller may lock up and the unit will not respond to any commands from the panel controls. If this occurs, unplug the AC adaptor & remove all batteries, wait 60 seconds and reinstall all batteries and reconnect AC adaptor power.

This should reset the unit and clear the system memory. The time and previously set memory settings will also be reset, so you will need to reenter those.

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.

Symptom	Possible Cause	Solution
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.
The unit does not respond (no power)	The unit is disconnected from the AC outlet.	Reconnect to the AC outlet.
	The AC outlet has not power.	Try the unit on another outlet.
	The "C" batteries are exhausted.	Replace all 3 "C" batteries with fresh ones.

SPECIFICATION

Power requirement:

3 X C (UM-2) Batteries or
AC-AC adaptor: AC 5 V, 400 mA

Frequency Range

Radio Band

AM 520 - 1710 KHz
FM 87.5 ~ 108 MHz
WB 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.

90 DAY 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 90 days 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.

IF THE UNIT IS OUTSIDE THE WARRANTY PERIOD, please include a check for **\$15.00** to cover the cost of repair, handling and return postage. All out of warranty returns must be sent prepaid.

It is recommended that you contact SPECTRA first at 1-800-777-5331 or by email at custserv@spectrainintl.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.spectrainintl.com/wform.htm>

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Printed in China