

jWIN

AM/FM/All Hazards Weather Alert Receiver with Dual Alarm Clock



JX-M133

INSTRUCTION MANUAL

Please read this manual carefully before operating
and save it for future reference.

Have a question? Please visit www.jWIN.com

INTRODUCTION

Thank you for choosing the JX-M133 AM/FM/WB band radio. Before operating the unit, please read these instructions thoroughly and retain them for future reference.

The JX-M133 is designed to receive National Weather Service (NWS) broadcasts, by the Department of Commerce's National Oceanic and Aerospace Administration (NOAA) which provides information about weather conditions, forecasts and hazard information 24 hours a day as a public service.

JX-M133 receives all seven NOAA channels; it has an automatic alert system; in the event of a special warning broadcast, the receiver will automatically activate along with a loud tone; a flashing LED indicator; and an "alert" message on the LCD.

This unit also has an "S.A.M.E Digital Weather/Hazard Alert" feature, providing you with constant monitoring of your localized NWS broadcast. It allows you to receive only messages for the areas concerning you.

For up-to-date information on NOAA and weather frequencies used in your area, check the NOAA National Weather Service website at: www.nws.noaa.gov/nwr.

**To get weather band channel and S.A.M.E code for your area,
call 1-888-697-7263, or visit
www.nws.noaa.gov/nwr/indexnw.htm**

AM / FM / Weather Band Radio

- All hazards weather alert system
- Programmable presets for 30 radio stations
- SAME decode and alert message display
- Store up to 10 alert messages
- LED warning indicator
- Dual alarm clock with date display
- Wake to AM/FM radio or buzzer

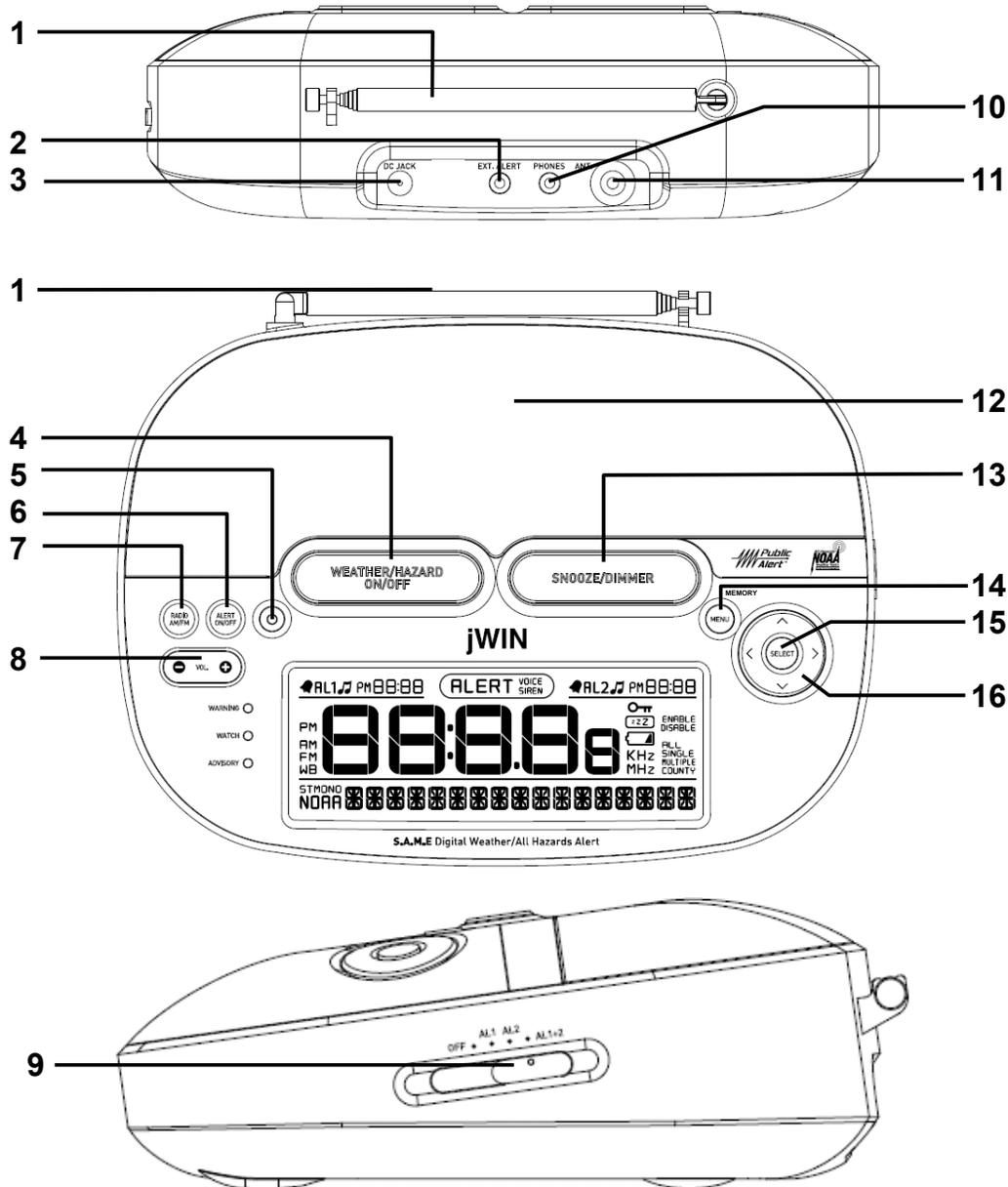


What's included

- All Hazards Weather Receiver with AM/FM/WB Radio
- AC Adapter
- QSG (Quick Start Guide)

GETTING STARTED

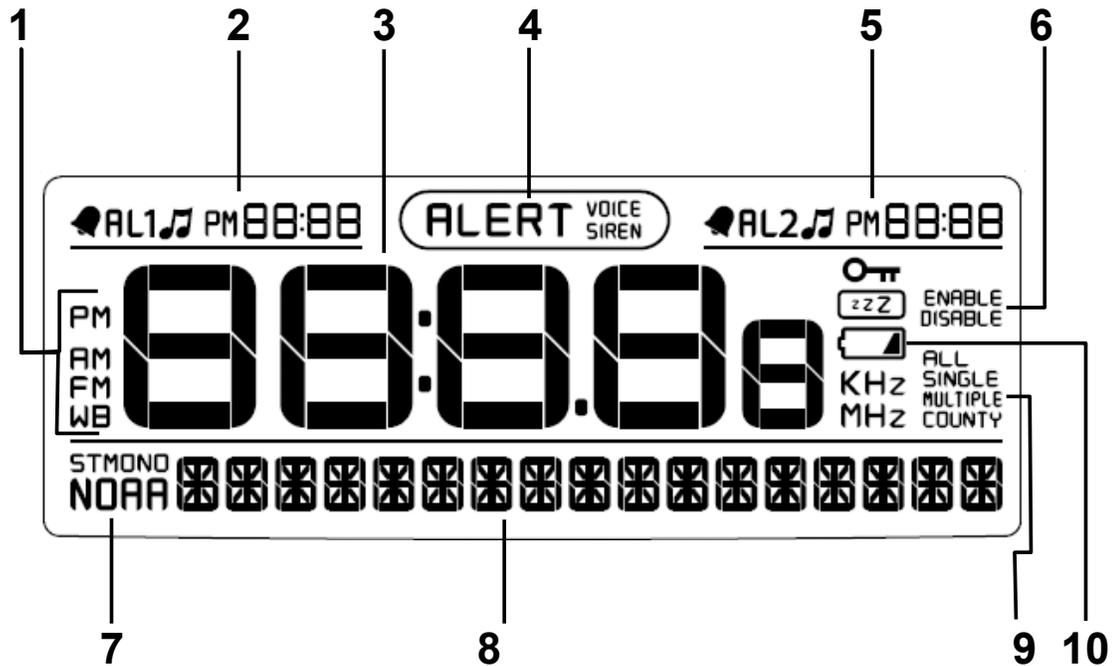
Location of Controls on the Main Unit



- | | | |
|-----------------------------------------------------------------------------------------------------|--------------------------------------|--------------------------|
| 1. Telescoping antenna | 6. ALERT ON/OFF button | 12. Speaker |
| 2. EXT. ALERT jack | 7. RADIO AM/FM button | 13. SNOOZE/DIMMER button |
| 3. DC jack | 8. VOLUME +/- button | 14. MENU/MEMORY button |
| 4. WEATHER/HAZARD/ON/OFF button | 9. OFF/AL1/AL2/AL1+2 Selector Switch | 15. SELECT button |
| 5. POWER  button | 10. HEADPHONE jack | 16. < > ^ v buttons |
| | 11. ANT. jack | |

GETTING STARTED

Location of Indications on the LCD Screen



1. **PM/AM/FM** indicator

6. **Selectable alert** indicator

2. **ALARM 1** status indicator

7. **NOAA** indicator

3. **CLOCK/FREQUENCY**
display

8. **Setting/Hazard/Info/Date**
display

4. **ALERT** mode display

9. **S.A.M.E. county** indicator

5. **ALARM 2** status indicator

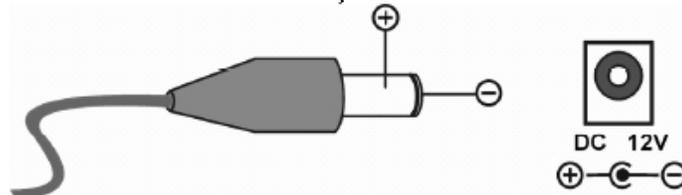
10. **Low battery** indicator

GETTING STARTED

Using an AC Adapter to Supply the Power to the Unit

Before connecting the AC adapter (included), make sure that the input voltage of the AC adapter corresponds to your local AC outlet voltage. It is recommended to use an AC adapter, which outputs DC 12V / 250mA $\oplus \text{---} \ominus$, for this unit.

1. Connect the AC adapter (included) plug to the DC Jack of the unit.
2. Connect the other end of the AC adapter to the wall outlet.



Important Note: To avoid the electric shock or fire, do not use the AC adapter where lots of water particles exist in the air. Use the AC adapter with caution.

Installing the backup batteries

This unit operates on 4 X "AA" batteries (not included) for backup. Please note that batteries are important because they provide emergency power for the receiver in if the AC power fails.

1. Open the Battery Compartment.
2. Insert 4 "AA" size batteries into the Battery Compartment, making sure that the batteries are installed with the proper polarity (+/-) are maintained.

Important Note: Please protect the environment. Dispose of old batteries properly according to local regulations.

Notes on battery use:

- To save battery power, please always use AC adaptor for receiver power supply.
- Load new batteries with their polarities (+/-) aligned correctly.
- Do not apply heat to batteries, or internal short circuit may occur.
- If this unit is not to be used for a long period of time, remove all batteries and store them in a cool and dry place.
- Remove spent batteries immediately and dispose of them.
- Do not use old and new batteries together. Also never use an alkaline battery with a magnesium battery.
- Backup battery time is 54 hours

OPERATIONAL INSTRUCTIONS

Basic Operation

1. Extend the antenna to its full length.
2. Program the Weather Channel for Your Desired Area
 - a) Turn the radio off with the **POWER**  button on top of the radio.
 - b) Press the **MENU** button.
 - c) Press the **UP** "**^**" or **DOWN** "**v**" button until "WEATHER—CH1" displays on the LCD screen.
 - d) Press the **SELECT** button.
 - e) Press the **UP** "**^**" or **DOWN** "**v**" button to manually scroll through the weather channels until you hear the strongest weather broadcast.
 - f) Press the **SELECT** button to save this channel.
3. Press the **WEATHER/HAZARD ON/OFF** button to listen to the weather radio. You are now able to receive weather alerts for your area and surrounding areas.

Seven channel weather band (MHz)

CH 1	CH 2	CH 3	CH 4	CH 5	CH 6	CH 7
162.400	162.425	162.450	162.475	162.500	162.525	162.550

Setting the Time

1. Turn off the radio by pressing **POWER**  button on top of the radio.
2. Press the **MENU** button.
3. Press the **UP** "**^**" or **DOWN** "**v**" button until "SET UP—TIME" is displayed.
4. Press the **SELECT** button, hour setting will begin to flash.
5. Press the **UP** "**^**" or **DOWN** "**v**" buttons to adjust the hour setting.
Note: The AM / PM setting cannot be manually changed; it changes automatically as you scroll through the hours.
6. Press the **RIGHT** "**>**" arrow to adjust minutes and save your hour setting.
7. Press the **UP** "**^**" or **DOWN** "**v**" buttons to adjust the minute setting.
8. Press the **SELECT** button to store the time setting.
9. Press the **MENU** button to return to the main menu.

OPERATIONAL INSTRUCTIONS

Setting the Date

1. Turn off the radio by pressing **POWER**  button on top of the radio.
2. Press the **MENU** button.
3. Press the **UP** "**^**" or **DOWN** "**v**" button until "SET UP—DATE" is displayed.
4. Press the **SELECT** button.
5. Press the **UP** "**^**" or **DOWN** "**v**" buttons to adjust the month.
6. Press the **RIGHT** "**>**" button to select the day.
7. Press the **UP** "**^**" or **DOWN** "**v**" buttons to adjust the day.
8. Press the **RIGHT** "**>**" button to select the year.
9. Press the **UP** "**^**" or **DOWN** "**v**" buttons to adjust the year.
10. Press the **SELECT** button to store MONTH/DAY/YEAR.
11. Press the **MENU** button to return to the main menu.

Setting the ALARM 1 Time

1. Turn off the radio by pressing **POWER**  button on top of the radio.
2. Press the **MENU** button.
3. Press the **UP** "**^**" or **DOWN** "**v**" button until "SET UP—ALARM 1" is displayed.
4. Press the **SELECT** button. The alarm hour setting will begin to flash.
5. Press the **UP** "**^**" or **DOWN** "**v**" buttons to adjust the alarm hour setting.
Note: the AM/ PM setting cannot be manually changed; it changes automatically as you scroll through the hours.
6. Press the **RIGHT** "**>**" button to choose setting alarm minutes.
7. Press the **UP** "**^**" or **DOWN** "**v**" buttons to adjust the alarm minute setting.
8. Press the **SELECT** button to confirm the alarm time setting and enter to wake mode setting.
9. Press the **LEFT** "**<**" or **RIGHT** "**>**" buttons to select " (Buzz) or " (Radio) wake mode, press the **SELECT** button to confirm.

Setting the ALARM 2 Time

1. Turn off the radio by pressing **POWER**  button on top of the radio.
2. Press the **MENU** button.
3. Press the **UP** "**^**" or **DOWN** "**v**" button until "SET UP—ALARM 2" is displayed.
4. Follow the instructions for "Setting the ALARM 1 Time" above.

OPERATIONAL INSTRUCTIONS

Activating the Alarm

1. To activate the alarm, set the **AL1/AL2/AL1+2** switch on side of the radio to your desired position. The clock face icon will appear.
2. When the alarm sounds, press the **SNOOZE** button on the top of the radio. The alarm will sound again in seven (7) minutes.
3. Press the **POWER**  button to turn off the alarm temporarily, alarm will be activated at next day same time.
4. To turn the alarm off completely, set the **AL1/AL2/AL1+2** switch on side of the radio to "OFF" position.

Radio Operation

1. To turn on the radio by press the **POWER**  button.
2. Adjust the desired volume level by press the **VOLUME +/-** button, the volume level will show on the right corner of the display.
3. Select the preferred band (AM/FM) by pressing the **RADIO AM/FM** button.
4. Tune manually to a radio station. The LCD will display the frequency of the received station.
 - *Manual tuning:* Press the **LEFT "<"** or **RIGHT ">"** buttons.
 - *Auto scan:* Press and hold the **LEFT "<"** or **RIGHT ">"** buttons for two (2) seconds.
5. Adjust the antenna to get optimal effect.
6. To turn off the radio by press the **POWER**  button again.

Radio Presetting

1. Turn on the radio and tune a station you want to store.
2. Press the **MENU** button, the "MEMORY 01" will display on the LCD screen.
3. Press the **UP "^"** or **DOWN "v"** button to select a station to be stored.
4. Press the **SELECT** button to store current frequency in unit memory.
5. Repeat above 2-4 steps to store other frequencies.
Note: Total 20 FM frequencies and 10 AM frequencies can be stored.

Using Preset Stations

1. Turn on the radio and change the AM of FM band pressing the **RADIO AM/FM** button.
2. Press the **UP "^"** or **DOWN "v"** button to select the preset stations.

OPERATIONAL INSTRUCTIONS

Obtaining Weather Channel/County Codes from NOAA

In order to receive alerts, JX-M133 must be set to the correct weather channel and county code(s) (FIPS code). To get this information for your area, call the NWS toll free number: **1-888-NWS-SAME (1-888-697-7263)**, or visit the website:

www.nws.noaa.gov/nwr/indexnw.htm

In the above website, search the state and county for your area and then write down the **channel (frequency)** and **county code(s)**. You may want to obtain the codes for other areas through which you travel. JX-M133 can store up to 23 county codes (FIPS code) under the "Programming Multiple S.A.M.E County Codes" section on the next page.

Programming a Single S.A.M.E. County Code

1. Turn off the radio by pressing the **POWER**  button on top of the radio.
2. Press the **MENU** button to open menu options.
3. Press the **UP** "**^**" or **DOWN** "**v**" buttons to scroll through menu options until "County Code" is displayed.
4. Press the **SELECT** button followed by the **UP** "**^**" or **DOWN** "**v**" buttons to scroll through "SINGL COUNTY", "MULTI COUNTY" or "ALL COUNTY".
5. Choose "SINGL COUNTY", followed by the **SELECT** button. "Code 01" will be displayed and the first digit space will start blinking.
6. Use the **UP** "**^**" or **DOWN** "**v**" button to scroll through the digits 0-9. Input the first digit and press the **RIGHT** "**>**" button to save that selection and move to the next digit.
7. Continue programming all 6 digits this way. When finished, press the **SELECT** button and your entered code will be saved.

Note: The single county code you set will automatically become the "CODE 01" of multiple county codes.

OPERATIONAL INSTRUCTIONS

Programming Multiple S.A.M.E. County Codes

1. Press the **MENU** button to open menu options.
2. Press the **UP** "**^**" or **DOWN** "**v**" buttons to scroll through menu options until "County Code" is displayed.
3. Press the **SELECT** button and then the **UP** "**^**" or **DOWN** "**v**" buttons to scroll through "SINGL COUNTY", "MULTI COUNTY" or "ALL COUNTY".
4. Choose "MULTI COUNTY", and press the **SELECT** button.
5. Use the **UP** "**^**" or **DOWN** "**v**" buttons to scroll through code locations 1-23. (You are able to program up to 23 different county codes into your radio).
6. Choose the location you want and press the **SELECT** button. The first digit space will start blinking.
7. Use the **UP** "**^**" or **DOWN** "**v**" buttons to scroll through the digits 0-9. Input the first digit and press the **RIGHT** "**>**" button to save that selection and move to the next digit.
8. Continue programming all 6 digits this way. When finished, press the **SELECT** button and your entered code will be saved.
9. To program your next code, press the **UP** "**^**" button to go to the next code location.
10. When you have entered all your desired codes, press the **MENU** button to store your settings.

Deleting the County Code

1. Press the **MENU** button and program the county code following above "Programming a Single S.A.M.E. County code" and "Programming Multiple S.A.M.E county code" sections.
2. Set all 6 digits to "-- -- -- -- --" (blank).

Choosing an Alert (Voice or Siren)

1. Press the **MENU** button to open menu options.
2. Press **UP** "**^**" or **DOWN** "**v**" buttons until "Alert Mode" is displayed on the screen.
3. Press the **SELECT** button and "VOICE" will start blinking on the screen.
4. To choose the voice alert, press the **SELECT** button.
5. Once "VOICE" is chosen, the alert will sound for eight (8) seconds followed by 2 to 5 minutes of weather broadcast.
6. To choose a siren alert, press the **UP** "**^**" or **DOWN** "**v**" buttons until "SIREN" blinks on the screen press the **SELECT** button to save this setting.
7. Once "SIREN" is chosen, alert tones will sound for 2 to 5 minutes or until the **ALERT ON / OFF** button is pressed. While alert tone is sounding, press the **WEATHER/HAZARD ON/OFF** button to listen the voice broadcasting.
8. During voice or siren alert, press the **ALERT ON/OFF** button to stop the alert.

OPERATIONAL INSTRUCTIONS

To Turn the Alert ON / OFF

1. To turn the alert on and off, press and hold the **ALERT ON / OFF** button for five (5) seconds in power off state until "ALERT ON" blinks on the screen.
2. Press the **UP "∧"** or **DOWN "∨"** buttons to switch between "ALERTON" and "ALERTOFF".
3. Press the **SELECT** button to save your selection.

Setting the Alert Volume

1. To set the alert volume, press the **MENU** button.
2. Press the **UP "∧"** or **DOWN "∨"** button until "SIREN LEVEL" is displayed.
3. Press the **SELECT** button and "HIGH" or "LOW" will start blinking.
4. Then press the **UP "∧"** or **DOWN "∨"** buttons to choose "HIGH" or "LOW" volume.
5. Press the **SELECT** button to save your setting.

Selectable Alert Option

The receiver can be programmed to only sound the voice or siren alert for select weather emergency messages. Those messages unimportant to you can be programmed to only display a message, minimizing annoyance.

To program the emergency messages you want to silence, follow these steps:

- a. Press the **MENU** button to open menu options.
- b. Press the **UP "∧"** or **DOWN "∨"** button until "DEFEAT—SIREN" displays and press the **SELECT** button to confirm.
- c. Using the **UP "∧"** or **DOWN "∨"** buttons, scroll through the different alerts you want to silence.
- d. After making your selection, press the **RIGHT ">"** button to change the status of the event from "ENABLE" to "DISABLE".
- e. Press the **MENU** button to confirm your selection and exit the programming option.

Testing the Alert

1. To test the alert function to ensure it is working, press the **MENU** button.
2. Press the **UP "∧"** or **DOWN "∨"** buttons until "SIREN—TEST" is displayed on the screen.
3. Press the **SELECT** button to sound the alert siren.
4. Press the **SELECT** button again to silence the alarm.

OPERATIONAL INSTRUCTIONS

Reviewing Alerts

The JX-M133 weather receiver can store 10 different alerts/events with overlapping effective time in its memory. If the receiver receives a new alert while a previous alert is still in effect, it automatically displays the new alert message. Press the **UP** "**^**" or **DOWN** "**v**" button to review the past alerts, press the **RIGHT** "**>**" button to review the ending time of this alert. If an alert is expired, the "EXPIRED" will display on LCD after press the **RIGHT** "**>**" button.

Deleting Alerts

The expired alerts/events can be deleted by press the **SELECT** button.

1. Press the **UP** "**^**" or **DOWN** "**v**" button to review the alerts.
2. Press the **RIGHT** "**>**" button to review the ending time of this alert.
3. If an alert/event is expired, press and hold the **SELECT** button for 2 seconds to delete it, the "DELETED" will display on LCD.
4. If an alert/event is still in effect, it can't be deleted and "UNDELETE" will display on LCD after press and hold the **SELECT** button for 2 seconds.

LED Indicators

The JX-M133 features three LED indicators with different colors to express different alert level as follows:

- Yellow:** Labeled ADVISORY and illuminated when an advisory level alert is received.
- Orange:** Labeled WATCH and illuminated when a watch level alert is received.
- Red:** Labeled WARNING and illuminated when a warning level alert is received.

Note: The color-coded indicator will remain illuminated until the alert/event expires.

Alert Out Socket

The Alert Out socket is provided on the back of JX-M133. The socket's output is compatible with home automation alert devices for loud siren.

LCD Backlight Adjusting

JX-M133 features 4 levels LCD backlight (Off, Low, Middle, High), press the **SNOOZE/DIMMER** button to set the brightness of LCD backlight.

OPERATIONAL INSTRUCTIONS

Low Battery indication

- We strongly recommend installing backup batteries even unit works in AC power supply in case AC power fails.
- When battery is low voltage, the  indicator on LCD will appear. Please uninstall the old batteries and install new batteries when these occur.

No Reception Warning

If no alerts are received for 10 days, the LCD will display “NO RECEPTION” every 30 seconds. If this happens, check your county code and channel setting for setting error. If you receive a clear signal from the NWS, try using the “ALL counties” setting to receive all alerts for all counties.

Notes on reception:

The National Weather Service operates a system of weather and hazard alert broadcasts covering a large area of the United States. Currently, only a few areas are not covered. Typical broadcasts are within reception distance of 25-50 miles of the weather station. JX-M133 weather receiver can receive broadcasts from up to 50 miles from the weather station, depending on your location and conditions of weather, terrain, etc. If you find reception is not good in your area, try different locations in your home or office to find a spot of improved reception.

Placement near a window usually improves reception.

If a weather broadcast cannot be heard on any of the 7 channels, contact your local NWS office and verify the closest station is on air. Also verify the channel frequencies the station is broadcasting. **If your NWS is transmitting and you are not receiving the broadcasts, you may need an external antenna to improve the reception.**

Please note: Metal structures are more difficult to receive reception in, because metal interferes with the signal. If you live in a metal structure, you may need an external antenna.

OPERATIONAL INSTRUCTIONS**IMPORTANT!**

The fact that you can get clear voice reception does not guarantee that an emergency alert will trigger this unit's alerts. To test actual reception, the unit must receive the weekly Test or Emergency Alert Signal Broadcast.

The National Weather Service (NWS) broadcasts a Test Alert every week on Wednesday between 11:00 am and 12: 00 noon. To find out the specific test schedule in your area, contact your local National Oceanic and Atmospheric Administration (NOAA) or National Weather Service (NWS) office. These offices are listed in the telephone book under "US Government".

When you are traveling with your radio and want to use it in a new location, make sure you have the correct Weather Channel (1-7) and county code. Verify that the unit can be activated by the test broadcast in the new location.

Antennas***FM/Weather Band***

Pull out the Telescopic Antenna and adjust its length and angle for optimum reception.

AM

This unit has a built-in AM antenna. For better AM reception, turn the unit for a clearer signal.

EXT. ALERT Jack

This unit features a 3.5mm EXT. ALERT Jack for an external trigger (on/off) out port.

TROUBLESHOOTING GUIDE AND SPECIFICATIONS

If you experience difficulties in the use of this unit, please check the following before calling for Customer Service.

- No power.
 - Ensure the AC Power adapter is securely connected to the DC jack and plugged into the wall outlet.
 - Check if the backup batteries have been installed.
- No sound
 - Radio may not be turned on, turn the unit ON.
 - Batteries may not be installed. Install four (4) fresh “AA” size batteries in the battery compartment.
 - The unit may not be connected to power source. Connect the AC power adaptor to both the unit and the wall outlet.
 - Volume may be turned down. Adjust the volume.
- No weather broadcast when the **WEATHER/HAZARD ON/OFF** button is pressed
 - The telescoping antenna may not be fully extended. Extend the antenna.
 - The unit may be in an area where radio reception is weak. Move the unit near a window. It may also be necessary to install an external antenna.
 - Ensure that the weather band channel has been properly selected.
- The unit does not respond properly to NWS weather alert broadcasts
 - Ensure that the proper S.A.M.E. county code(s) have been programmed into the radio.
 - Check with the National Weather Service to see if the local tower is broadcasting.

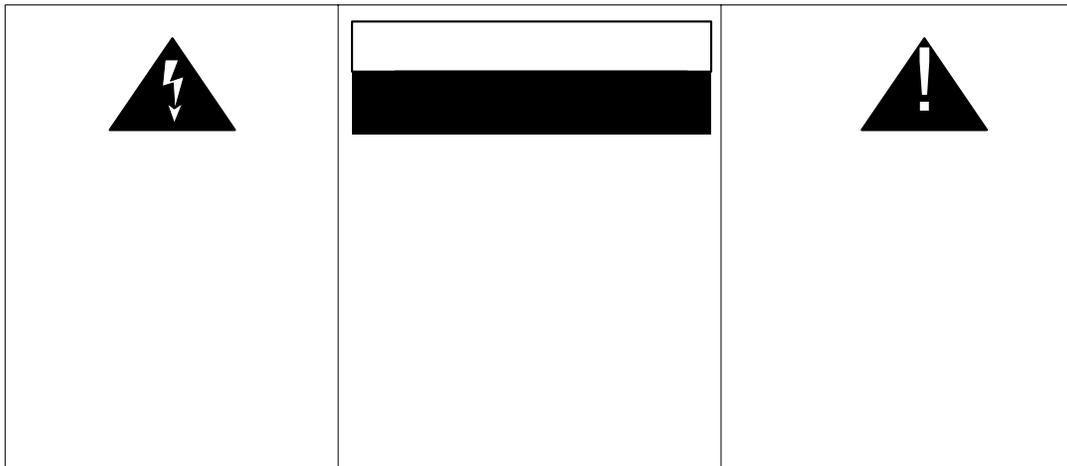
Specifications

- Frequency Range
 - AM: 530kHz – 1710kHz
 - FM: 87.5MHz – 108MHz
 - WB: 162.400MHz – 162.550MHz
- Connectivity
 - 3.5mm stereo headphone jack
 - 3.5mm external alert jack
 - AC adapter jack
 - RCA antenna jack
- Power Requirement
 - AC Adapter:
 - Input: 120V, 60Hz (UL listed)
 - Output: 12V 250mA (center negative)
 - Battery: 6V, (4 x “AA” size batteries, not included)

USER SAFETY GUIDE

WARNING

- TO PREVENT FIRE OR SHOCK HAZARD. DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.
- 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 APPARATUS.



IMPORTANT SAFETY INSTRUCTIONS

- 1) Read these instructions.
- 2) Keep these instructions.
- 3) Heed all warnings.
- 4) Follow all instructions.
- 5) Do not use this apparatus near water.
- 6) Clean only with dry cloth.
- 7) Do not block any ventilation openings. Refer to the instructions, warnings, and precautions in the manufacturer's instructions.
- 8) Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- 9) Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding-type plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- 10) Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- 11) Only use attachments/accessories specified by the manufacturer.

CAUTION

**WARNING: TO
THE RISK OF E
SHOCK, DO NO
COVER (OR BA
USER-SERVIC
INSIDE. REFER
TO QUALIFIED
PERSONNEL.**

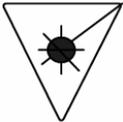
USER SAFETY GUIDE

IMPORTANT SAFETY INSTRUCTIONS-Continued

- 12) Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over. 
- 13) Unplug this apparatus during lightning storms or when unused for long periods of time.
- 14) 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.
- 15) Grounding or Polarization – This product may be equipped with a polarized alternating-current line plug (a plug having one blade wider than the other). This plug will fit into the power outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug.
Alternate Warnings – This product is equipped with a three-wire grounding-type plug, a plug having a third (grounding) pin. This plug will only fit into a grounding-type power outlet. This is a safety feature. If you are unable to insert the plug into the outlet, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the grounding-type plug.
- 16) Ventilation – Slots and openings in the cabinet are provided for ventilation and to ensure reliable operation of the product and to protect it from overheating, and these openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug, or other similar surface. This product should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer's instructions have been adhered to.
- 17) The MAINS plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.

USER SAFETY GUIDE

IMPORTANT SAFETY INSTRUCTIONS-Continued

	<p>CLEANING</p> <p>Always disconnect unit from power supply before attempting to clean it. Use soft cloth moistened with soapy water, and wipe gently. Do not use solvents or abrasive materials.</p>
 	<p>LASER SAFETY</p> <p>This unit utilizes laser technology. Only a qualified professional should remove the cover or attempt to service this device, due to possible eye injury.</p> <p>CAUTION – CLASS 1 LASER PRODUCT</p> <p>Use of controls adjustments and/or performance of procedure other than specified herein may result in hazardous radiation exposure.</p> <p>DANGER</p> <p>Invisible laser radiation when open and interlock failed or defeated. Avoid direct exposure to beam. CAUTION: HAZAROUS LASER RADIATION WHEN OPEN AND INTERLOCK DEFEATED.</p>

YOU CAN HELP TO PROTECT THE ENVIRONMENT!

Please remember to respect the local regulations: Hand in the non-working electrical equipment to an appropriate waste disposal center.



FOR USED BATTERIES

Disposed of the used batteries properly. Please follow the local regulations for the battery disposal.



FCC NOTICE TO A USER IN USA

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:

1. Reorient or relocate the receiving antenna.
2. Increase the separation between the equipment and receiver.
3. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
4. Consult the dealer or an experienced radio/TV technician for help.

USER SAFETY GUIDE

IMPORTANT SAFETY INSTRUCTIONS-Continued

FCC RULES

This device complies with Part 15 of the FCC Rules. Operation is subject to the condition that this device does not cause harmful interference.

Note: Do not make changes or modify the device in any way. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

IMPORTANT NOTES ON HEARING

Your hearing is very important to you and to us, so please take care when operating this equipment. We strongly recommend you to follow the guideline below in order to prevent possible damage or loss of hearing.

If you continuously listen to the loud sounds, your hearing will adapt to continuous loud sounds and will give you the impression that the volume has been reduced. What seems normal to you may in fact be harmful. To guard against this **BEFORE YOUR HEARING ADAPTS**, set the volume at a low level and slowly increase the volume level until you can hear comfortably and clearly without distortion. Damage to your hearing is accumulative and is irreversible. Any ringing or discomfort in the ears indicates that the volume is too loud. Once you have established a comfortable listening level, **DO NOT INCREASE THE VOLUME LEVEL FURTHER.**

In the use of headphones, please take more attention. Hearing experts say that listening to a loud music can damage your hearing, especially when listening to music with headphones.

IC NOTICE TO A USER IN CANADA

Since digital circuitry may cause interference to other radio or television tuners nearby, switch this unit off when not in use or move it away from the affected radio/television tuner.

NOTE: This digital apparatus does not exceed the Class B limits for radio noise emissions from digital apparatus as set out in the Radio Interference Regulations of Industry Canada. 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 operation (which can be determined by turning the equipment off), 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.

USER SAFETY GUIDE

IMPORTANT SAFETY INSTRUCTIONS-Continued

WARNING!

- The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on apparatus.
- Mains plug is used as the disconnect device. It shall remain readily operable and should not be obstructed during intended use. To be completely disconnected, the apparatus from supply mains, the mains plug of the apparatus shall be disconnected from the mains socket outlet completely.

ADDITIONAL IMPORTANT INSTRUCTIONS

- Place the apparatus with some distances from the nearby objects or walls for sufficient ventilations. The ventilation should not be impeded by covering the ventilation openings with items such as newspapers, table-cloths, curtains, etc.
- No naked flame sources such as lighted candles should be placed on the apparatus.
- Dispose of used batteries properly. Follow the local regulation for the battery disposal.
- Use this apparatus in the moderate climates. It is recommended not to use this apparatus such in a lightning storm.

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