

WR120

Owner's Manual

Guide du propriétaire

Manual del usuario



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All Hazard Alert Weather Radio with SA.M.E.



Juick Start Instructions:

- Place 3 AA alkaline batteries (not supplied) into the compartment on the underside of radio.
- **(Note:** Batteries provide approximately 5 hours of emergency power or 75 hours of standby power for the radio in case of a power outage).
- Plug the AC Adapter into a standard outlet. Plug the other end of the adapter into the DC jack on the back of the radio.
- Pull out antenna and extend to its full length.
- Ensure **ON/OFF** switch is in the **ON** position
- **WELCOME** will be displayed.
- To **SET LANGUAGE** press the **SELECT** button then:
 - Choose your language by pressing **▲** or **▼** then press the **SELECT** button.
 - To **SET LOCATION** press the **SELECT** button then:
 - Choose location type **ANY** then press **SELECT**.
 - **(Note:** see page 8 for more programming instructions).
 - To **SET TIME** press the **SELECT** button then:
 1. Set the time by using **► ▲ ▼** or **► ▼** then press **SELECT**.
 2. To **SET CHANNEL** press the **SELECT** button then:
 3. Tune the channel to the desired broadcast by using **▲** or **▼**.
 4. Adjust the volume by using the **VOLUME UP** or **VOLUME DOWN** button.
 5. To complete setup press the **SELECT** button.

NOTE: To reset the radio to the factory defaults, press and hold the **WEATHER / SNOOZE** button while turning on the unit.

To get the S.A.M.E. code in the USA: Call 1-888-697-7263 or go to www.nws.noaa.gov/nwr/indexnw.htm
 To get the CLC in Canada: Call 1-877-789-7733 or go to www.ec.gc.ca/weatheradio

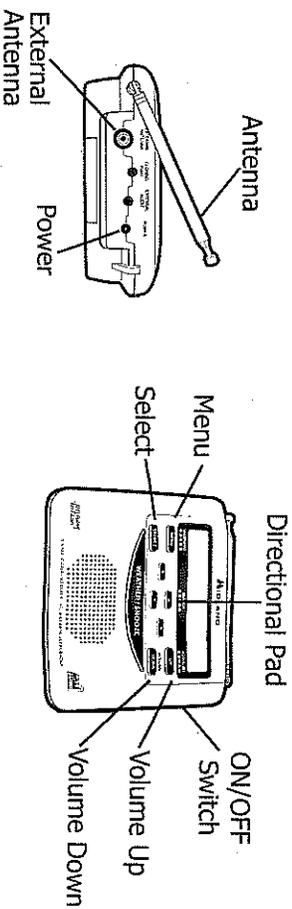


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Welcome!

Congratulations on your purchase of the Midland WR-120 All Hazards Alert Weather Radio with S.A.M.E.

All Hazards means the radio is the fastest, most reliable means of receiving information on life threatening weather such as tornadoes, hurricanes, floods, ice storms as well as civil emergencies such as Amber alerts, hazardous explosions, fires and chemical spills. This information is broadcast 24 hours a day, 7 days a week so you can stay informed no matter what time of day it is.

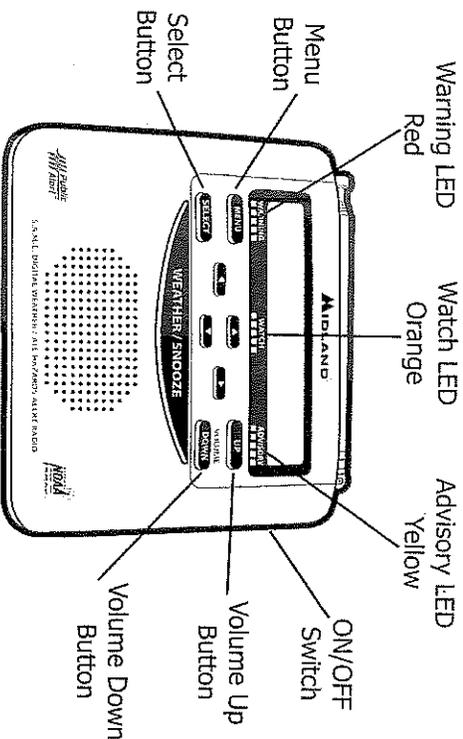
In addition to all hazards, the WR-120 also has S.A.M.E. technology (Specific Area Message Encoding). This gives you the option of screening out unwanted broadcasts and receiving alerts only specifically targeted for the geographical area you live in. Finally, Midland is proud to say the WR-120 is Public Alert Certified - meaning it has been tested and approved to meet the Consumer Electronics Association standards of reliability and quality as a product carrying public safety warnings. Therefore it is a quality piece of electronic equipment, skillfully constructed with the finest components and is designed for reliable and trouble-free performance for years to come. Enjoy!



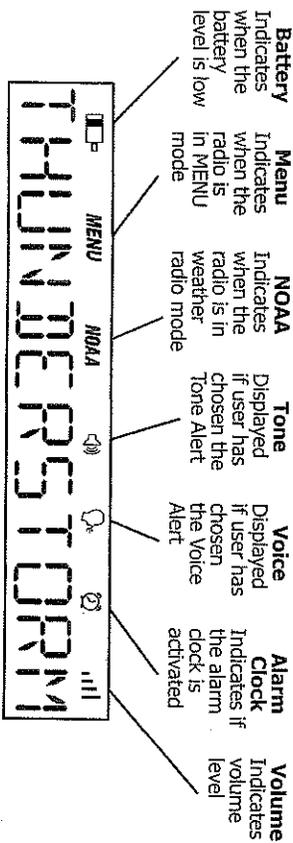
NOTE: We encourage you to read this owner's manual before operating the radio. This manual is a valuable part of your new Midland All Hazards Weather Alert Radio. See the "Quick Start Instructions" section of this manual for initial setup and programming. After the radio is programmed and operating properly, store the manual in a safe place for future reference.

Getting to know your Weather Radio

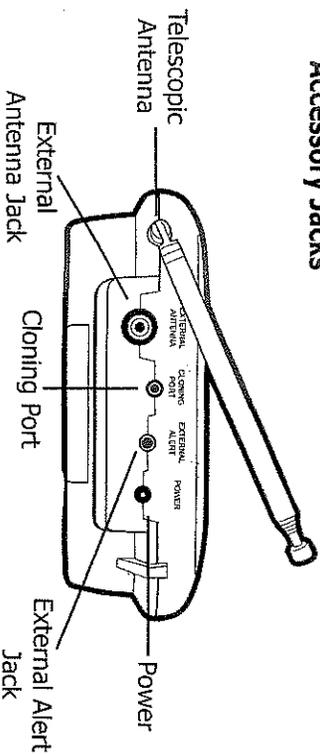
WR-120 Features



Icons on the Display



Accessory Jacks



PLEASE NOTE: MIDLAND (NOAA) Weather Radio Model WR-120, "S.A.M.E. Digital Weather/Hazard Alert Radio." 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; (2) This device must accept any interference received including interference that may cause undesired operation.

Setting up your Weather Radio

Set Time:

1. Press **MENU** to open menu options.
2. Press **▲** to scroll through menu to **SET TIME**.
3. Press **SELECT** (hour option will begin flashing)
4. Press **▲** until current hour is displayed.
(**Note:** AM/PM changes as you scroll through the hours)
5. Press **▶** to save current hour and advance to minute settings.
5. Program both minute digits the same way.
7. Press **SELECT** to store the current time.
3. Press **MENU** to exit menu mode.

Set Alarm:

1. Press **MENU** to open menu options.
2. Press **▲** to scroll through menu to **SET ALARM**, then press **SELECT**.
3. Press **▲** to display **ON**. Press **SELECT**.
4. Press **▲** until the hour you want is displayed.
(**Note:** AM/PM changes as you scroll through the hours)
5. Press **▶** to save alarm hour and advance to alarm minutes. Program both minute digits the same way.
5. Press **SELECT** to save the alarm time.
7. Press **MENU** to exit menu mode.

To temporarily silence the sleep alarm, press the **WEATHER / SNOOZE** button. This will advance the alarm time by 8 minutes. To silence the alarm for the remainder of the day, press the **MENU** button.

Set Language:

1. Press **MENU** to open menu options.
2. Press **▲** to scroll through menu to **SET LANGUAGE** then press **SELECT**.
3. Press **▲** to choose "ENGLISH", "ESPAÑOL" or "FRANCAIS" then press **SELECT**.
4. Press **MENU** to exit menu mode.

Locating your S.A.M.E. codes.

S.A.M.E. (Specific Area Message Encoding) Codes:

You can program the WR-120 All Hazards Alert Weather Radio with up to 25 S.A.M.E. codes. The United States and Canada assign unique six digit identification codes to each forecast region and sub region. These codes are known as Federal Information Processing System (FIPS in the USA) or Canadian Location Coded (CLC in Canada).

Warnings, watches and statements of weather and other area emergencies, about 80 different types, will activate the weather radio for only your programmed specific area. The S.A.M.E. message contains information pertaining to the period for which the alert is valid. The broadcast station can set the active time of the alert from 15 minutes up to 6 hours. When the designated time has passed, the weather radio display message and light will automatically reset to their normal appearance.

Getting the S.A.M.E. Codes:

For USA:

1. The National Weather Service Toll-Free Number
1-888-NSW-SAME (1-888-697-7263)
2. National Weather Service Website
www.nws.noaa.gov/hwr/indexnw.htm
3. Midland Radio Corporation Website
www.midlandradio.com/Products/Be-Weather-Aware

For Canada:

1. Environment Canada's Meteorological Service Number
1-877-789-7733 (Canada Only)
2. Environment Canada's Meteorological Service
[www.ec.gc.ca/weatherradio](http://www.ec.gc.ca/weatheradio)
3. Midland Radio Corporation website
www.midlandradio.com/Products/Be-Weather-Aware
4. E-mail
weather.info.metro@ec.gc.ca

Set Location:

Your WR-120 All Hazards Weather Alert Radio comes preprogrammed to receive weather and hazard alert transmissions for all S.A.M.E. codes within range. If this is what you want, leave the radio set to **ANY**.

"Any" S.A.M.E. Code: (recommended)

1. Press **MENU** to open menu options.
2. Press **▲** to scroll through menu to **SET LOCATION**, then press **SELECT**.
3. Press **▲** to **ANY** then press **SELECT**.
4. Press **MENU** to exit menu mode.

"Single" S.A.M.E. Code:

1. Press **MENU** to open menu options.
2. Press **▲** to scroll through menu to **SET LOCATION**, then press **SELECT**.
3. Press **▲** to **SINGLE** then press **SELECT**.
4. **SAME 01** will be displayed. Press **SELECT**.
5. Use **► ▲ ▼ ◄** to program the 6 digit S.A.M.E. code.
5. Press **SELECT**.
7. Press **MENU** to exit menu mode.

Note: In the single mode the last S.A.M.E. code programmed will be the only one the radio alerts to, even though multiple codes can be entered in alternate S.A.M.E. positions.

"Multiple" S.A.M.E. Code:

1. Press **MENU** to open menu options.
2. Press **▲** to scroll through menu to **SET LOCATION**, then press **SELECT**.
3. Press **▲** to **MULTIPLE** then press **SELECT**.
4. **SAME 01** will be displayed. Press **SELECT**.
5. Use **► ▲ ▼ ◄** or **► ▲ ▼ ◄** to program the 6 digit S.A.M.E. code.
6. Press **SELECT**.
7. Press **▲** to advance to **SAME 02**.
8. Repeat steps 4-7 to program up to 25 codes.
9. Press **SELECT**.
10. Press **MENU** to exit menu mode.

Note: While in **MENU** mode, if no buttons are pressed for 60 seconds, the radio will automatically exit **MENU** mode.

User Notifications:**Alert Type (Display, Voice or Tone):**

1. Press **MENU** to open menu options.
2. Press **▲** to scroll through menu to **ALERT TYPE**, then press **SELECT**.
3. Press **▲** to choose **VOICE**, **VOICE**, **VOICE** or **DISPLAY** then press **SELECT**.
4. Press **MENU** to exit menu mode.

Alert Type	Description
Display	When the DISPLAY alert type is chosen, only a text alert will scroll on the display. There will be no audible alarm.
Voice	When the VOICE alert type is chosen, the alert tone will sound for 8 seconds, then you will hear the voice of the weather broadcast for 3 minutes.
Tone	When the TONE alert type is chosen, the alert tone will sound for 3 minutes, or until you press any button.

Reviewing Recent Alerts:

The WR-120 All Hazards Weather Alert Radio can store up to 10 different Weather/Hazard alerts (with overlapping effective times) in its memory. If the weather radio receives a new alert while any previous alert is still in effect, it automatically displays the new alert. You can review all alerts still in effect by pressing **▲** to scroll through the weather radio's active alert memory. A double beep indicates the end of the list. "NO MESSAGE" will be displayed if no alerts are active.

Alert Test:

1. Press **MENU** to open menu options.
 2. Press **▲** to scroll through menu to **ALERT TEST**.
 3. Press **SELECT** to sound the alert siren.
 4. Press any button to silence the siren or press **MENU** to exit menu mode.
- Note:** Ensure **ON/OFF** switch is in the **ON** position

Set Channel/Volume:

1. Press **MENU** to open menu options.
2. Press **▲** to scroll through menu to **SET CHANNEL** then press **SELECT**.
3. Tune the channel to the desired broadcast by using **▲** or **▼**.
4. Adjust the volume to a comfortable level by using **VOLUME UP** or **VOLUME DOWN**.
5. Press **MENU** to exit menu mode.

Note: Ensure **ON/OFF** switch is in the **ON** position



Backlight:

- .. Press **MENU** to open menu options.
- 1. Press **▲** to scroll through menu to **BACKLIGHT**, then press **SELECT**.
- 1. Press **▲** to choose **BLT NORM**, **BLT ON**, **BLT OFF** then press **SELECT**.
- 1. Press **MENU** to exit menu mode.

Backlight Type	Description
BLT NORM	The backlight turns on whenever any button is pressed and will turn off after 5 seconds.
BLT ON	The backlight comes on and will stay on continuously until you turn it off manually through the menu.
BLT OFF	The backlight will remain off at all times until turned on manually through the menu.

Button Beeps:

- .. Press **MENU** to open menu options.
- 1. Press **▲** to scroll through menu to **BUTTON BEEPS**, then press **SELECT**.
- 1. Press **▲** to choose **ON** or **OFF** then press **SELECT**.
- 1. Press **MENU** to exit menu mode.

Weekly Test:

- .. Press **MENU** to open menu options.
- 1. Press **▲** to scroll through menu to **WEEKLY TEST**, then press **SELECT**.
- 1. Press to **▲** choose **ON** or **OFF** then press **SELECT**.
- 1. Press **MENU** to exit menu mode.

NOTE: A test signal is transmitted once a week. The "WEEKLY TEST" option enables or disables the audible siren for this event. By default, the siren is disabled.



Troubleshooting:

Problem	Suggestion
No Power	Make sure the power adapter is securely plugged into back of the weather radio and into the wall outlet. Make sure batteries are installed in case of a power failure.
No Sound	Check VOLUME control to ensure volume is turned up to an audible level.
No Weather broadcast when you press the WEATHER/SNOOZE button	Ensure the telescoping antenna is up and fully extended. If you are using an external antenna, ensure it is connected properly. Ensure the radio is set to the weather channel in use in your area. Contact the broadcasting station to ensure they are presently broadcasting. If in a metal structure, make sure you are close to a window. If in a weak signal area, you will need an external antenna.
The radio is not responding properly to weather alert broadcasts	Check to see that you have programmed in the correct S.A.M.E. code(s). Check that the tower nearest you is broadcasting.

For Technical Support Contact:

Midland Radio Corporation
 5900 Parretta Drive
 Kansas City, Missouri 64120
 Phone: (816) 241-8500
 Fax: (816) 241-5713
 E-mail: mail@midlandradio.com
 Web site: www.midlandradio.com

Reception:

The National Weather Service and Environment Canada operate a system of weather and hazard alert broadcasts covering a large area of the United States and Canada. Currently, only a few areas are not covered. Typical broadcasts are within reception distance of 25-40 miles of the weather station. Your WR-120 All Hazards Alert Weather Radio can receive broadcasts from up to 40 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.

NOTE: Placement near a window usually improves reception.

If a weather broadcast cannot be heard on any of the 7 channels, contact your local weather office and verify the closest station is on air. Also verify the channel frequencies the station is broadcasting. If your station is transmitting and you are not receiving the broadcasts, you may need an external antenna. Please visit our web site at www.midlandradio.com to view our suggested antenna, the 18-259W VHF Through-Glass Antenna. This antenna improves reception when applied to a window.

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.

Test Signals Broadcast:

All Weather Service stations periodically transmit test signals. You can find out when your local station broadcasts test signals by calling the National Weather Service Forecast Office (listed under "Weather" in the Federal Government section of the telephone book).

In Canada these tests are performed every Wednesday at 12:00 noon.

During the weekly test signal, the local station will give a list of counties covered by their transmitter. The test signal allows everyone with weather radio receivers to verify the operation of their equipment.

The following test signals may be sent during testing: required weekly test, required monthly test, system demo, and national periodic test.

During a test, the yellow advisory LED will light up and the "Weekly Test" or "Monthly Test" message will be visible on the display. While disabled in the menu, the radio will not sound an audible alert tone to avoid giving the impression of an actual alarm. The visual response to the test is confirmation that your radio is working properly.

One Year Limited Warranty:

MIDLAND Radio Corporation will repair or replace, at its option without charge, your WR-120 All Hazards Alert Weather Radio which fails due to a defect in material or workmanship within ONE YEAR following the initial consumer purchase. This warranty does not include any antennas, which may be a part of or included with the warranted product, or the cost of labor for removal or re-installation of the product in a vehicle or other mounting. Performance of any obligation under this warranty may be obtained by returning the warranted product, freight prepaid, along with a copy of the original sales receipt to Midland Radio Corporation at the address provided below.

This warranty gives you specific legal rights, and you may also have other rights, which vary, from state to state.

NOTE: The above warranty applies only to merchandise purchased in the United States of America or any of the territories or possessions thereof, or from a U.S. Military exchange. For warranty coverage on merchandise purchased elsewhere ask your dealer.

Service:

If your Midland Weather Radio fails to operate properly, check the "Troubleshooting" section in this manual before returning it for service. If necessary, return as follows:

1. Pack the unit in its original box and packing. Then pack the original box in a suitable shipping carton. **Caution:** Improper packing may result in damage during shipment.
2. Include the following:
 - a. Full description of any problems
 - b. Daytime telephone number, name & address
3. For warranty service include a photocopy of the bill of sale from an authorized dealer or other proof of purchase showing the date of sale.
4. You do not need to return accessory items (AC/DC Adapter, Batteries, Owner's Guide) unless they might be directly related to the problem.
5. A flat rate of \$25.00 will apply to repairs not covered by warranty or units that are over one year old. Send only cashier's check, money order or Master Card or Visa card number.

Midland Radio Corporation

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