MIDLAND

All Hazards Alert Weather Radio with S.A.M.E

MIDLAND

WR120
Owner's Manual
Guide du propriétaire
Manual de instru...
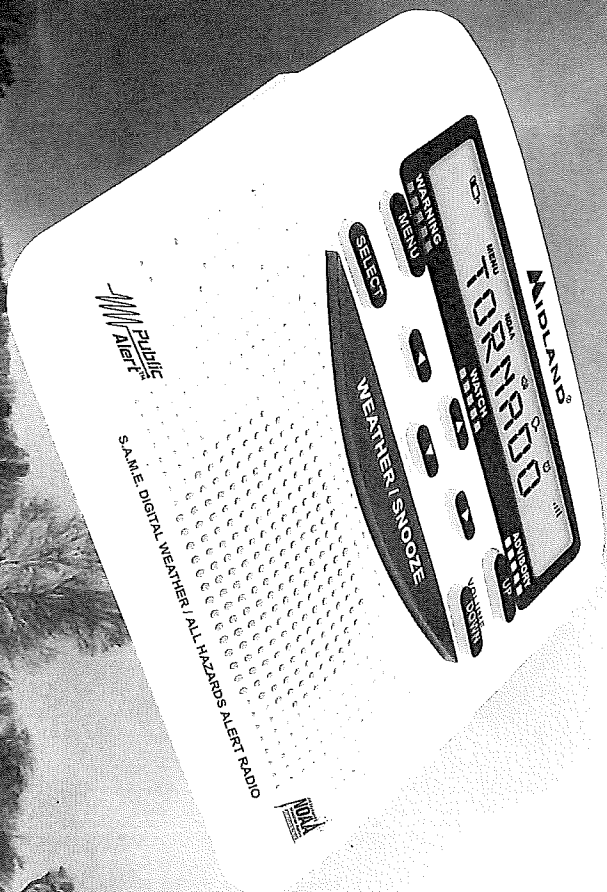
Public Alert

S-A.M.E. DIGITAL WEATHER / ALL HAZARDS ALERT RADIO

MIDLAND

TORNADO

WARNING   WATCH

MENU   SELECT   WEATHER / SNOOZE   VOLUME UP / DOWN

NOAA

Quick Start Instructions:

1. Set the **ON/OFF** switch located on the right side of the radio to the **ON** position.

2. Pull out antenna and extend to its full length.

3. Insert 3 AA batteries (not included).

4. Plug the AC Adapter into the **POWER** jack on the back of the radio and the other end into a standard outlet.

5. Follow the prompts on the display screen using ▲ and ▼ to move through the options and **SELECT** to choose the desired option.

- The radio will first display **WELCOME**, and then **SET LANGUAGE**

- To **SET LANGUAGE** press the **SELECT** button:
  - Choose your language by pressing ▲ or ▼, then **SELECT**.

- To **SET LOCATION** press the **SELECT** button:
  - Press ▲ or ▼ until **SINGLE** is displayed, then press **SELECT**.

- To **SET COUNTRY** press **SELECT** to program your county for position 01:
  - Press ▲ or ▼ to choose your country, then press **SELECT**.
  - Press ▲ or ▼ to choose your state or province, then press **SELECT**.
  - Press ▲ or ▼ to choose your county or area, then press **SELECT**.

- To **SET TIME** press the **SELECT** button:
  - Set the time using ▼ ▲ ▼ and ▲ then press SELECT.

- To **SET CHANNEL** press the **SELECT** button:
  - Tune the channel to the desired broadcast using ▲ or ▼

- To **SET VOLUME** press the **VOLUME UP** or **VOLUME DOWN** buttons.

6. To complete set-up, press the **SELECT** button.

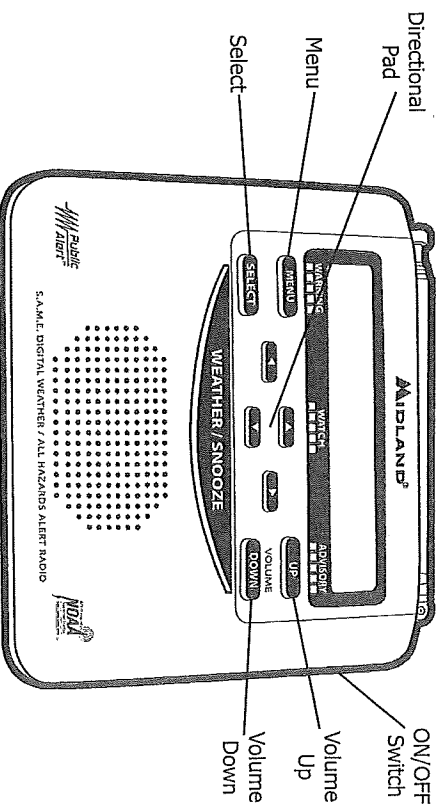Directional Pad

Menu

Select

MIDLAND

WEATHER / SNOOZE

WARNING WATCH ADVISORY

SELECT

MENU

UP

VOLUME DOWN

Public Alert

S.A.M.E. DIGITAL WEATHER / ALL HAZARDS ALERT RADIO

NOAA

ON/OFF Switch

Volume Up

Volume Down

Table of Contents

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 to the area in which you live.

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.

For more information about S.A.M.E. Codes please visit our website at www.midlandusa.com

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

For USA:

1. The National Weather Service Toll-Free Number
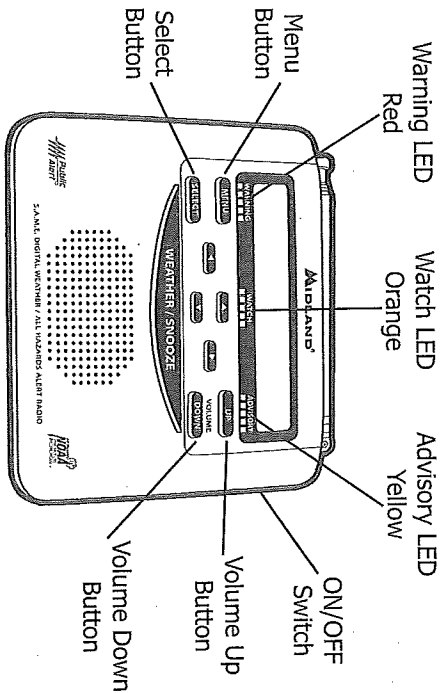   1-888-NWS-SAME (1-888-697-7263)
2. National Weather Service Website
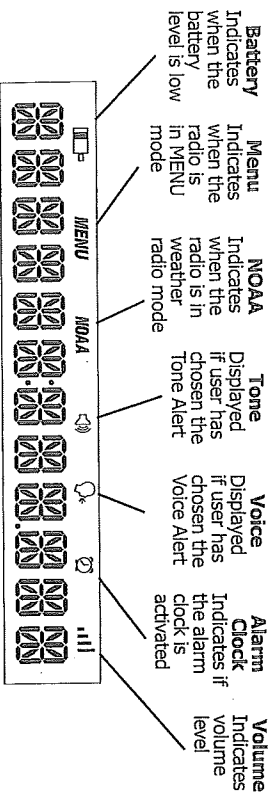   www.nws.noaa.gov/nwr/indexnw.htm

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/weatheradio
3. Midland Radio Corporation website
   www.midlandusa.com
4. E-mail
   weather.info.meteo@ec.gc.ca

Getting to know your Weather Radio

WR-120 Features
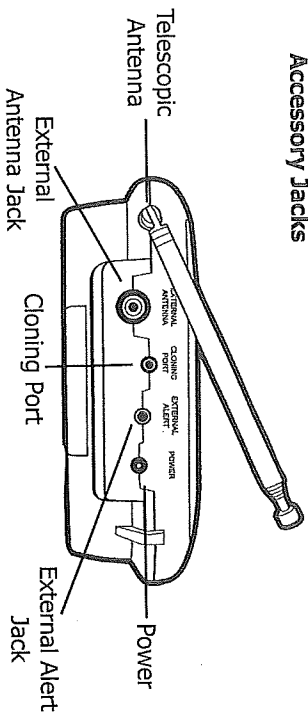
Warning LED
Red

Watch LED
Orange

Advisory LED
Yellow

Menu
Button

ON/OFF
Switch

Select
Button

Volume Up
Button

Volume Down
Button

Icons on the Display

Battery Indicates when the battery level is low

Menu Indicates when the radio is in MENU mode

NOAA Indicates when the radio is in weather radio mode

Tone Displayed if user has chosen the Tone Alert

Voice Displayed if user has chosen the Voice Alert

Alarm Clock Indicates if the alarm clock is activated

Volume Indicates volume level

Accessory Jacks

Telescopic
Antenna

External
Antenna Jack

Cloning Port

External Alert
Jack

Power

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.
6. Program both minute digits the same way.
7. Press **SELECT** to store the current time.
8. 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.
6. 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**", "**ESPANOL**" or "**FRANCAIS**" then press **SELECT**.
4. Press **MENU** to exit menu mode.

Programming the radio for your area:

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 of the transmitter of the selected channel. Follow these simple instructions to program your radio to receive alerts just for your county.

"Single" County (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. **01 EMPTY** will be displayed. Press **SELECT**.
5. Press ▲ or ▼ to select the desired country then press **SELECT**.
6. Press ▲ or ▼ to select the desired state/province then press **SELECT**.
7. Press ▲ or ▼ to select the desired location then press **SELECT**.
8. Press **MENU** to exit menu mode.

"Multiple" County Code:

For multiple counties, follow the above instructions. At step 3, press ▲ until **MULTIPLE** is displayed. The "**NEARBY**" counties will come up automatically to make selection easy. You can program up to 25 different location codes.

Note: To manually enter a FIPS code, press ▶ while # # **LOCATION** is displayed. However, selecting a **NEARBY** will be unavailable. **NEARBY** locations are based on weather transmitter coverage area, not geographical location.

Set 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, TONE** 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. You can review all alerts still in effect by pressing ▶ to scroll through the active alert memory on your weather radio. 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 **MENU or SNOOZE** to silence the siren then press **MENU** 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 ▼.
   Find the channel for your area by visiting http://www.nws.noaa.gov/nwr/ nwrbro.htm and reviewing the corresponding frequency and channel for your area using the chart below.
4. **Adjust the volume to a comfortable level by using VOLUME UP or VOLUME DOWN.
5. Press **MENU** to exit menu mode.

* Press the ▶ button scan to the next channel available channel
Ensure **ON/OFF switch is in the **ON** position

Channels Preset on the Weather Radio	Broadcast Frequency (MHz)
1	162.400
2	162.425
3	162.450
4	162.475
5	162.500
6	162.525
7	162.550

Backlight:

1. Press **MENU** to open menu options.
2. Press ▲ to scroll through menu to **BACKLIGHT**, then press **SELECT**.
3. Press ▲ to choose **BLT NORM, BLT ON, BLT OFF** then press **SELECT**.
4. 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:

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

Set Events:

1. Press **MENU** to open menu options.
2. Press ▲ to scroll through menu to **SET EVENTS**, then press **SELECT**.
3. Press ▲ to scroll through the options **ALL ON, ALL OFF, ALL DEFAULT, EDIT EVENTS** then press **SELECT**.
4. Press **MENU** to exit menu mode.

	Description
ALL ON	Enables audible tone for all applicable alerts
ALL DEFAULT	Returns all alert settings to default
ALL OFF	Defeats the audible siren for all applicable alerts.
EDIT EVENTS	Allows applicable individual alert sirens to be enabled or disabled

Edit Events:

1. Press **MENU** to open menu options.
2. Press ▲ to scroll through menu to **SET EVENTS**, then press **SELECT**.
3. Press ▲ to scroll to **EDIT EVENTS** then press **SELECT**.
4. Press ▲ to choose the desired alert then press **SELECT**.
5. Press ▲ to toggle **ON/OFF** the audible notification for the selected alert.
6. Press **MENU** to exit menu mode.

*For a complete list of editable events, please visit our website at www.midlandusa.com

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Troubleshooting:

Problem	Suggestion
No Power	Make sure the power adapter is securely plugged into the 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.
The radio is not responding properly to weather alert broadcasts	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.
	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.midlandusa.com

English   Español   Français

Reception:

Typical broadcasts are within reception distance of 25-40 miles of the weather broadcast station. Location, conditions of weather and terrain effect the reception. 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 is not heard on any of the 7 channels, contact your local weather office and verify that the closest station is on air and the channel frequencies you are using are correct.

NOTE: If you live in a metal structure or in a "fringe" area, you may need an external antenna to improve reception.

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 NOAA 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 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.

If an alert is not received within 10 days, **CHECK RECEPTION** will be displayed along with an audible beep repeating every 10 minutes. This notification is automatically removed once an alert is received. To manually clear it, you must reset the power by removing the batteries and power adapter for 10 seconds. After the ten seconds have passed, re-insert batteries and plug back in. Even without power for this short amount of time, your S.A.M.E. codes will remain programmed as before. You will, however, need to re-set the time and any alarms you had previously programmed into the radio.

Batteries provide approximately 5 hours of emergency power or 75 hours of standby power for the radio in case of a power outage.

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

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 product under warranty, 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 product under warranty, freight prepaid, along with a copy of the original sales receipt to Midland Radio Corporation at the address provided below.

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.

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

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.

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