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> Midland - WR300, Deluxe NOAA Emergency Weather Alert Radio - S.A.M.E. Localized Programming, 60+ Emergency Alerts, & Alarm Clock w/ AM/FM Radio User Manual

Midland WR300

Midland WR300 Deluxe NOAA Emergency Weather Alert Radio

USER MANUAL

Product Overview

The Midland WR300 is a Deluxe NOAA Emergency Weather Alert Radio designed to provide critical weather and hazard alerts for your specific area. It features S.A.M.E. localized programming, over 60 emergency alerts, and an integrated alarm clock with AM/FM radio functionality.



Figure 1: Front view of the Midland WR300 Weather Alert Radio, displaying a "TORNADO ALERT" on its screen.

Key features include:

- **NOAA Weather Scan+ Alert:** Automatically scans 7 weather band channels, locking onto the strongest signal to provide alerts for floods, tornadoes, thunderstorms, and other civil dangers.
- **S.A.M.E. Programming:** Specific Area Message Encoding allows the radio to receive alerts only for your programmed county or up to 23 different counties, minimizing false alarms.
- **Warning System Options:** Customize alerts with a 90 dB siren, voice alert, or visual LED flasher.
- **Event Expiration Indicator:** Displays an abbreviated "EXP" when an alert has expired.
- **Alarm Clock with AM/FM Radio:** Features a built-in alarm with snooze, 6 memory channels for AM/FM radio, and the ability to wake to weather, AM/FM, or a buzz. Automatically switches to pertinent hazard alerts.

Setup and Initial Configuration

Before operating your Midland WR300, ensure it is properly powered and configured for your location.

Powering the Unit

The WR300 can be powered by an AC adapter (typically included) or by 4 AA batteries for backup power during outages. Insert 4 AA batteries into the battery compartment located on the bottom of the unit, observing correct polarity. Connect the AC adapter to the DC IN jack on the back of the radio and plug it into a standard wall outlet.



Figure 2: The battery icon on the display indicates battery status, essential for backup power.

Programming S.A.M.E. Codes

To receive localized alerts, you must program the S.A.M.E. code(s) for your county or surrounding areas. These 6-digit codes can be found on the NOAA website or through local emergency management agencies.

1. Press the **MENU** button to enter the programming mode.
2. Navigate through the menu options using the **UP/DOWN** arrows until you find the S.A.M.E. programming section.
3. Enter your county's 6-digit S.A.M.E. code using the numeric keypad or arrow buttons.
4. Confirm the entry. You can add up to 23 different county codes.
5. Exit the menu to save settings.



Figure 3: The MENU button is used to access programming and settings.

Setting Time and Date

Accurate time and date settings are crucial for alarm clock functions and event logging.

1. Access the time/date setting through the **MENU**.
2. Adjust hours, minutes, and AM/PM using the arrow buttons.
3. Set the current date.
4. Save and exit.



Figure 4: The digital display showing the current time, 12:05 PM.

Operating Instructions

Weather Alert Functionality

The WR300 continuously monitors NOAA weather radio broadcasts for alerts relevant to your programmed S.A.M.E. locations. When an alert is issued, the radio will activate according to your chosen warning system options.

- **Siren Alarm:** A loud 90 dB siren will sound.
- **Voice Alert:** The radio will broadcast the NOAA weather alert message.
- **Visual LED Flasher:** A bright LED light will flash to provide a visual indication of an alert.

The display will show the type of alert (e.g., "TORNADO ALERT") and the time. Once an alert has expired, an "EXP" indicator may appear on the display.



Figure 5: The "EXP" indicator signifies an expired alert.

AM/FM Radio Operation

The WR300 includes a standard AM/FM radio for entertainment and news. It features 6 memory channels for your favorite stations.

1. Press the **RADIO** button to switch to AM or FM mode.
2. Use the **TUNE UP/DOWN** buttons to manually tune to desired frequencies.
3. To save a station, press and hold a memory preset button until the display confirms storage.
4. To recall a saved station, simply press the corresponding memory preset button.

Alarm Clock Features

The integrated alarm clock allows you to set a wake-up time and choose your preferred alarm sound.

- **Setting Alarm:** Access the alarm settings via the **MENU**. Set the desired wake-up time.
- **Alarm Sound:** Choose to wake up to NOAA weather, AM/FM radio, or a standard buzz alarm.
- **Snooze Function:** Press the **SNOOZE** button to temporarily silence the alarm for a short period.
- **Automatic Hazard Override:** If a severe weather alert is issued while the alarm is active or the radio is playing AM/FM, the unit will automatically switch to the hazard alert.

Maintenance

Proper care and maintenance will ensure the longevity and optimal performance of your Midland WR300.

- **Battery Replacement:** Replace the 4 AA backup batteries annually or when the low battery indicator appears on the display. Always use fresh, high-quality alkaline batteries.
- **Cleaning:** Wipe the exterior of the radio with a soft, damp cloth. Do not use abrasive cleaners or solvents. Ensure the unit is unplugged from AC power before cleaning.
- **Storage:** If storing the radio for an extended period, remove the AA batteries to prevent leakage and corrosion.

Store in a cool, dry place.

Troubleshooting

If you experience issues with your WR300, refer to the following common problems and solutions:

Problem	Possible Cause / Solution
No Power / Unit Not Turning On	Ensure AC adapter is securely plugged into the radio and a working outlet. Check if backup batteries are inserted correctly and are not depleted.
No Weather Alerts Received	Verify S.A.M.E. codes are correctly programmed for your area. Ensure the weather alert function is enabled. Check antenna position for optimal reception. Confirm there are active alerts for your programmed counties.
Poor AM/FM Reception	Extend and adjust the telescopic antenna for FM. Rotate the unit for better AM reception (internal antenna). Move the radio away from other electronic devices that may cause interference.
Alarm Not Sounding	Ensure the alarm time is set correctly and the alarm is activated. Check the volume level. Verify the chosen alarm source (weather, AM/FM, buzz) is functional.

Specifications

Feature	Detail
Model Number	WR300
Product Dimensions	7 x 5.5 x 2.25 inches (L x W x H)
Item Weight	5.1 ounces
Power Source	AC Powered, 4 AA batteries (backup)
Radio Bands Supported	Weather (NOAA), FM, AM
Connectivity Technology	Auxiliary
Color	Silver
Special Feature	Portable

Warranty and Support

Midland products are designed for reliability and performance. This product comes with a warranty that covers manufacturing defects. Please note that the warranty does not cover misuse of the product.

For technical assistance, warranty claims, or additional information, please visit the official Midland website or contact their customer support. An owner's manual is included with the product for detailed instructions.

You can find more information and support resources at the [Midland Store on Amazon](#).

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