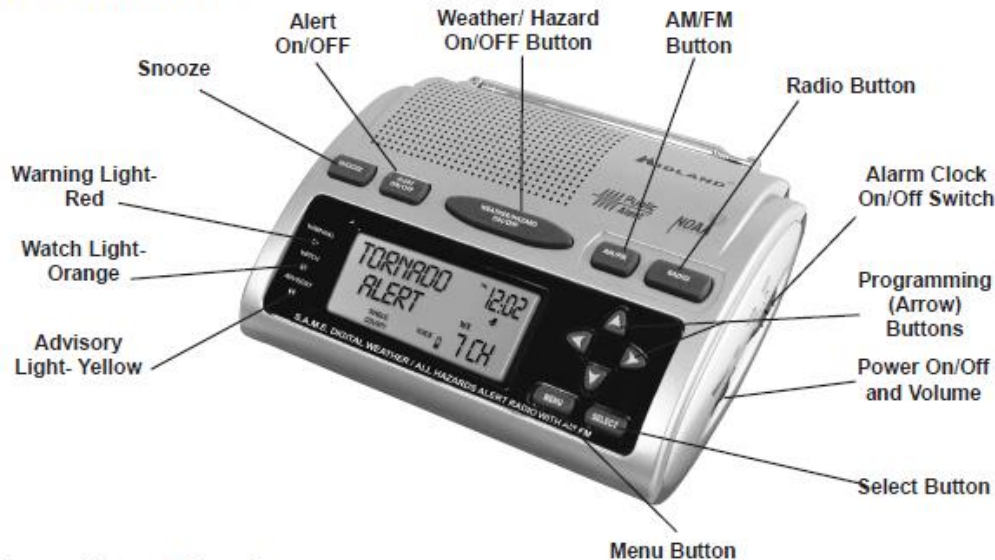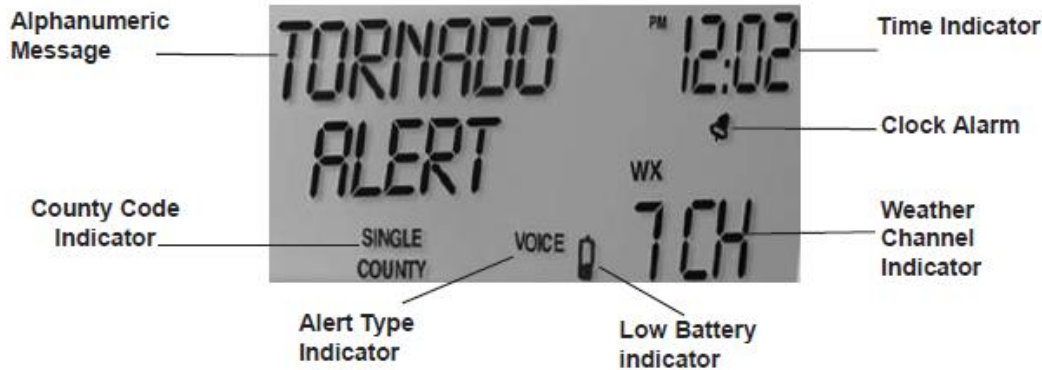# How to Program the Midland WR300

WR-300 Controls:

ICONS on the Display

Controls

- WEATHER BAR is a push "on" button that activates the weather receiver.
- ALERT BAR is a push "on" switch that enables and disables the alert alarm and any external alert signals.
- WARNING LIGHT indicates that the unit has received a SAME message that issued a warning for the user's area.
- WATCH LIGHT indicates that the unit has received a SAME message that has issued a watch for the user's area.
- STATEMENT LIGHT indicates that the unit has received a SAME message that has issued a statement for the user's area.
- SELECT button is used to switch screen display to set mode, so that the user can set the time, date, or alarm time.

- MENU button is used to display various menus with different features and information, and is used to enter and exit programming functions.
- PROGRAMMING KEYPAD is used to enter FIPS codes into the radio and for other programming purposes.

Powering-up the WR-300 weather alert radio:

- First, put 4 fresh AA batteries into the radio. The batteries are your back-up power source and they allow us to program the radio.
- Second, insert the power plug in the back of the radio in the slot labeled, DC Jack and plug the other end into an electrical outlet.
- Third, turn the volume switch on the right side of the radio to your desired sound level. Your radio is now ready for programming.

Set the clock

- Press the MENU button 1 time.
- Press the DOWN Arrow until the words SET UP TIME appears in the display.
- Press the SELECT button to confirm that this is what you would like to program.
- Use the UP/DOWN and LEFT/RIGHT Arrow to toggle to the hour and the minutes to set each one to the current time in your area.
- Press the SELECT button to lock in your programming.

Set the correct National Weather Service Transmitter Channel for your area:

- NOTE: Ensure the WR-300's volume is at a level that you are able to hear the broadcast. The volume knob is on the right side of the radio.
- Hit the MENU button once and the UP Arrow button 2 times until the word CHANNEL appears on the display.
- Hit the UP ARROW button until you hear the NWR broadcast. Once you hear it, hit the SELECT button to save your choice. Note that more than one NOAA Weather Radio station may serve your area. Choose the one you feel sounds the strongest.

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

Frequency	Local Stations
162.450	Delaware
162.475	Cedar Rapids
162.550	Waterloo

Note: This frequency may not be the strongest, use the frequency with the best reception.

Program the FIPS. County Codes:

- Press the MENU button once and the UP arrow until COUNTY CODE appears on the display.
- Press the SELECT button to confirm that this is what you would like to program. Use the UP arrow to toggle through the program choices, ALL, SINGLE, MULTIPLE.
- Choose SINGLE pressing the SELECT button to confirm.
- Press the SELECT button and CODE 01 will appear in the display.
- Press the SELECT button to begin programming a single 6 digit S.A.M.E. county code into the weather radio.
- Use the UP Arrow to find the first digit of your code. Press the RIGHT Arrow to save the digit and to automatically advance to the next digit.
- Continue using the UP and RIGHT Arrows to program all 6 digits.
- When all 6 digits have been selected, press the SELECT button to lock in your programming.

County	FIPS Code
Benton	019011
Black Hawk	019013
Bremer	019017
Buchanan	019019
Clayton	019043
Delaware	019055
Fayette	019065
Linn	019113

Choosing an Alert Type (Siren or Voice):

- Press the MENU button once and ALERT MODE appears in the display.
- Press the SELECT button to confirm that this is what you want to program.
- Use the UP ARROW to toggle through the choices on the radio. Refer to the table shown here to help you make your choice between Siren or Voice Alerts
- Once you see your choice displayed, press the SELECT button to save your programming.
- If "SIREN" is chosen, alert tones will sound for 5 minutes unless you press the ALERT ON/OFF button.

Choosing an Alert Volume:

- Press the MENU button once and ALERT MODE appears in the display.
- Press the "UP" arrow until "SIREN LEVEL" is displayed.
- Press the "SELECT" button and "LEVEL HIGH" or "LEVEL LO" will start blinking.
- Then press the "UP" arrow to choose "LEVEL HI" or "LEVEL LO" volume.
- Press the SELECT button to save your programming.

Selectable Alert Options (De-Select Alerts):

- Press the MENU button once and the UP Arrow until DEFEAT SIREN appears in the display.
- Press the SELECT button to confirm your choice.
- Use the UP/DOWN Arrows to scroll through the choices in the WR-300 and the LEFT/RIGHT Arrows to toggle between ALERT DISABLE and ALERT ENABLE to change the alert status.
- Press the SELECT button to save your programming.
- Refer to table below for the alert types.

Event Code	Level	Default
Administrative Message	Advisory	Off
Avalanche Watch	Watch	On
Avalanche Warning	Warning	On
Biological Hazard Warning	Warning	On*
Boil Water Warning	Warning	On
Blizzard Warning	Warning	On
Child Abduction Emergency	Advisory	On
Civil Danger Warning	Warning	On*
Civil Emergency Message	Warning	On*
Costal Flood Watch	Watch	On
Costal Flood Warning	Warning	On
Chemical Hazard Warning	Warning	On*
Contaminated Water Warning	Warning	On*
Dam Watch	Watch	On
Dam Break Warning	Warning	On*
Contagious Disease Warning	Warning	On*
Practice/Demo	Advisory	Off
Dust Storm Warning	Warning	On
Emergency Action Notification	Warning	On*
Emergency Action Termination	Advisory	On*
Earthquake Warning	Warning	On*
Immediate Evacuation	Warning	On*
Evacuation Watch	Watch	On

Event Code	Level	Default
Food Contamination Warning	Warning	On*
Flash Flood Watch	Watch	On
Flash Flood Statement	Advisory	On
Flash Flood Warning	Warning	On
Flood Watch	Watch	On
Flood Statement	Advisory	On
Flood Warning	Warning	On
Fire Warning	Warning	On
Flash Freeze Warning	Warning	On
Freeze Warning	Warning	On
Hurricane Statement	Advisory	On
Hazardous Materials Warning	Warning	On*
Hurricane Watch	Watch	On
Hurricane Warning	Warning	On*
High Wind Watch	Watch	On
High Wind Warning	Warning	On
Iceberg Warning	Warning	On
Industrial Fire Warning	Warning	On*
Local Area Emergency	Advisory	On*
Law Enforcement Warning	Warning	On*
Land Slide Warning	Warning	On*
National Audible Test	Advisory	Off
National Information Center	Advisory	Off
Network Notification Message	Advisory	Off

Event Code	Level	Default
National Periodic Test	Advisory	Off
National Silent Test	Advisory	Off
Nuclear Power Plant Warning	Warning	On*
Power Outage Advisory	Advisory	On
Radiological Hazard Warning	Warning	On*
Required Monthly Test	Advisory	Off
Required Weekly Test	Advisory	Off
Special Marine Warning	Warning	On
Special Weather Statement	Advisory	On
Shelter In-Place Warning	Warning	On*
Severe Thunderstorm Watch	Watch	On
Severe Thunderstorm Warning	Warning	On
Severe Weather Statement	Advisory	On
Tornado Watch	Watch	On
911 Telephone Outage Emergency	Advisory	On
Tornado Warning	Warning	On*
Tropical Storm Watch	Watch	On
Tropical Storm Warning	Warning	On*
Tsunami Watch	Watch	On*
Tsunami Warning	Warning	On*
Transmitter Backup On	Advisory	Off
Transmitter Carrier Off	Advisory	Off

Event Code	Level	Default
Transmitter Carrier On	Advisory	Off
Transmitter Primary On	Advisory	Off
Volcano Warning	Warning	On*
Wild Fire Watch	Watch	On
Wild Fire Warning	Warning	On*
Winter Storm Watch	Watch	On
Winter Storm Warning	Warning	On
Unrecognized Watch	Watch	On
Unrecognized Emergency	Advisory	On
Unrecognized Statement	Advisory	On
Unrecognized Warning	Warning	On*

* The above default event codes notated with an asterisk cannot have the alert notification disabled.

Your weather radio is now programmed and ready use.