Portable Weather Alert Radio
Model: WR601
User Manual

EN

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INTRODUCTION

Thank you for selecting the compact Portable Weather Alert Radio (WR601) from Oregon Scientific™. The WR601 is a multi-function device that operates on the same radio frequencies used by the National Weather Radio (NWR). With an Early Alert system, users are alerted to weather and other environmental dangers. This small, lightweight device is constructed of durable materials and has a reception range of up to 50 miles (64 km). It is also equipped with a digital clock and daily alarm.

The 2-line liquid crystal display (LCD) is easy to read. Switching from 1 display mode to another is a 1-step procedure, and the electroluminescent (EL) backlight ensures that nighttime warnings can be seen in low light levels.

ABOUT THE NATIONAL WEATHER RADIO SYSTEM

The National Weather Service (NWS) is an agency within the National Oceanic & Atmospheric Administration (NOAA) that operates a nationwide network of radio stations known as the NOAA Weather Radio (NWR). The NWR radio system broadcasts warning information for all types of hazards both natural and technological. Working in conjunction with the Emergency Alert System (EAS), NWR is an all-in-one hazards radio network and is considered to be the single source of all comprehensive weather and emergency information.

A nationwide network, the NWR consists of more than 800 stations in the United States, Puerto Rico, the U.S. Virgin Islands and U.S. Pacific Territories. Broadcasts are designed to meet local needs. Routine programming is repeated every few minutes and consists of local forecast, regional conditions and marine forecasts. Additional information, including river stages and climatic data, is also provided. During emergencies, these routine broadcasts are interrupted to report specific warnings, watches or other critical information.

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KEY FEATURES

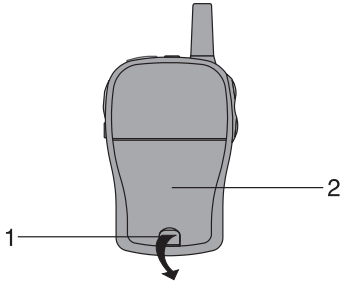
FRONT

1. **LCD**
2. **MODE BUTTON**
   - Switch between clock, calendar, and alarms (1 and 2).
   - Enables clock, calendar, and alarm setting.
3. **CHANNEL BUTTON**
   - Enable / exit channel setting mode.
   - Press **CHANNEL** and ▲ in quick succession to activate / deactivate the keypad lock.
4. **INDICATOR**

   Red / green LED indicates radio (on / off) and alert status.
5. **COUNTY BUTTON**
   - Enables county mode.
   - Change county settings (0-6).
   - Enter / change the setting of a displayed county code.
6. **RADIO SPEAKER**

   Adjustable voice-speaker volume.

BACK



1. **BATTERY COMPARTMENT LATCH**
2. **BATTERY COMPARTMENT**

   Houses 3 UM-3 or “AA” size 1.5V alkaline batteries.

TOP

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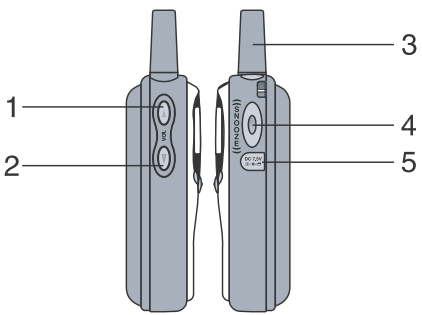
1. **SP JACK**

   Line out jack for optional external speakers.

2. **NOAA BUTTON**
   - Switches between NOAA (on / standby / mute and off) modes.
   - Direct access to NOAA-on mode from NOAA-mute mode during SAME message alerts.

LEFT / RIGHT



1. **UP ▲ VOLUME BUTTON**
   - Increase settings in any setting mode.
   - Increases volume.
   - Turns selected daily alarm (1 or 2) on / off.
   - Scrolls upward to select county code (0-6).
   - Press **CHANNEL** and ▲ in quick succession to activate / deactivate the keypad lock.

2. **DOWN ▼ VOLUME BUTTON**
   - Decrease settings in any setting mode.
   - Decreases volume.
   - Turns selected daily alarm (1 or 2) on / off.
   - Scrolls downward to select county code (6-0).

3. **ANTENNA**

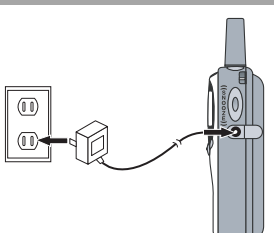
   Receives radio signals.

4. **SNOOZE BUTTON ((SNOOZE))**
   - Enables the snooze function when alarm sounds.
   - Momentarily activates backlight.

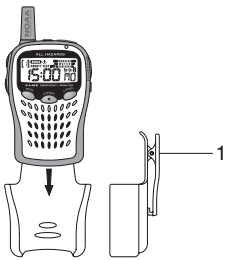
5. **AC / DC POWER PORT**

   AC / DC power jack for connecting unit to external power source.

7.5V AC / DC ADAPTER



CARRYING HOLDER



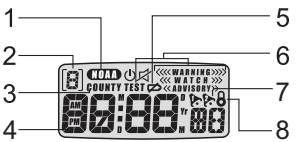
1. CARRYING HOLDER

Mount on a wall or attach to a belt for easy portability.

CRADLE

House your weather radio in this cradle for convenient placement.

LCD



1. Voice radio in NOAA on [NOAA] position (NOAA standby [⏻], NOAA mute [🔇], and NOAA off).
2. Radio frequency channel.
3. County code display.
4. Time / date / alarm displays.
5. Low battery warning icon.
6. Warning message indicators (WARNING, WATCH, ADVISORY and TEST).
7. Alarm (1 and 2) icons.
8. Keypad lock icon.

GETTING STARTED

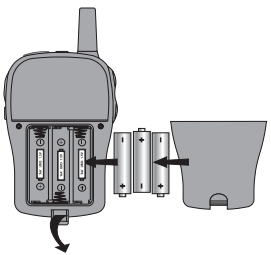
The WR601 LCD display will light up once the batteries are inserted. To turn the LCD display on or off, press and hold the NOAA key for 2 seconds.

To conserve power, the radio can be turned off, set to NOAA standby, NOAA mute, or NOAA off modes instead of NOAA on.

NOTE Leaving the radio in NOAA on mode will consume substantially more power. To save power, it is recommended that the WR601 be on NOAA standby when the user is not listening to radio broadcasts.

INSTALLING THE BATTERIES

The WR601 uses 3 UM-3 or “AA” size 1.5V alkaline batteries.



shows when batteries are low.

NOTE The non-volatile flash memory enables the unit to store your settings in the event of temporary power loss.

NOTE Do not use rechargeable batteries. It is recommended that you use alkaline batteries with this product for longer performance. Please dispose of used batteries properly to prevent harm to the environment.

Standard Alkaline batteries contain significant amounts of water. Because of this they will freeze in low temperatures of approximately 10˚F (-12˚C). Disposable Lithium batteries have a much lower threshold for temperature with an estimated freezing range of below -40˚F (-40˚C). The Liquid Crystal Display in outdoor thermometers will remain operational to -20˚F (-28˚C) with adequate power.

Wireless ranges can be impacted by a variety of factors such as extremely cold temperatures. Extreme cold may temporarily reduce the effective range of the unit. If the unit’s performance fails due to low temperature, the unit will resume proper functioning as the temperature rises to within the normal temperature range (i.e. no permanent damage will occur to the unit due to low temperatures).

DIFFERENT DISPLAY MODES

The LCD displays different types of information depending upon the display mode. Display modes can be subdivided into 2 basic categories:

1. Clock Display Mode: Relates to functions of time and date, shows current time, date or alarm time and status for either alarm.
2. Radio Status Mode: Displays information specific to the early-warning functions of the radio.

To alternate between various time / date displays:

Press **MODE** to advance the second line through the time, date and alarm displays.

NOTE Each press will advance the display sequentially.

Current time

Alarm 1

Current date

Alarm 2

To alternate between various radio-status displays:

Press NOAA button to scroll through the NOAA mode options (on, standby, mute, or off). The NOAA mode is displayed on the top line of the LCD.

NOAA OFF

NOAA ON

NOAA Standby

NOAA Mute

EARLY WARNING ALERT SYSTEM

The early warning system uses radio signals to alert the user to environmental dangers. A built-in radio receiver will respond to 7 specified signal channels. To use the early warning function, select 1 of 4 options to determine the activity status of the radio receiver.

Radio-status options are:

- **Radio ON** [NOAA]

  The radio is ON and voice messages can be heard continuously.

- **Radio Standby** [⏻]

  The radio is in Standby and will switch to the ON position when an alert signal is received.

- **Radio Mute** [🔕]

  The radio is in Standby and the LED will flash red to indicate that the unit has received an alert signal. Voice messages cannot be heard until the unit is switched to the ON position.

- **Radio OFF**

  The radio is turned OFF and the unit will not respond to alert signals.

To select radio settings:

Press **NOAA** to alternate between various radio status settings. Each press will advance the setting by 1 unit.

To listen to an alert signal from the radio mute position:

Press **NOAA** until the unit enters the radio on position and adjust the volume level if necessary.

MESSAGE CODES USED BY THE NWR

When the NWR airs urgent warnings, a digital code known as Specific Area Message Encoding (SAME) is included as part of the message. This coding system contains specific information including the localized geographical area affected and the expiration time of the message. The WR601 retrieves and interprets SAME code messages and alerts the user. When SAME codes for a specific region have been entered into the unit, the unit alerts the user to relevant warning information for the specified region. Once alerted, a voice broadcast can be heard. At the end of the broadcast message, the listener will hear a brief end-of-message static burst.

In Standby mode, the unit will retrieve messages from a specific location and then the voice radio will automatically activate so that voice message can be heard. Several minutes after the message is completed, the unit will automatically deactivate the voice radio and revert to Standby mode.

FINDING LOCAL NWR CHANNELS AND COUNTY CODES

Successful operation of the WR601 requires that the user obtain appropriate NWR radio channels and SAME codes for a specific county or region.

To contact the NWS by telephone:

1. Phone 1-888-NWR-SAME (1-888-697-7263).
2. Follow prompts through a simple voice menu.

To obtain NWS radio channels and SAME codes on the internet:

1. Locate www.nws.noaa.gov/nwr/indexnw.htm
2. Click the State for which information is needed.

For example, clicking on “Montana” will give a list of information relevant to the State of Montana including the names of counties, SAME codes, NWR transmitter locations, the frequency of the transmitter, the strength of the signal in WATTS, and any remarks as applicable.

Example of the first 10 county radio channels and SAME codes for Montana:

COUNTY/ CITY/AREA	SAME #	NWR TRANSMITTER	FREQ.	CALL	WATTS	REMARKS
Beaverhead	030001	Butte, MT	162.550	WXL79	100	
Beaverhead	030001	Dillon, MT	162.475	WNG638	150	
Big Horn	030003	Billings, MT	162.550	WXL27	300	
Blaine	030005	Havre, MT	162.400	WXL53	300	
Blaine	030005	Malta, MT	162.475	WWG85	100	
Broadwater	030007	Helena, MT	162.400	WXK66	1000	
Carbon	030009	Billings, MT	162.550	WXL27	300	
Carter	030011	Baker, MT	162.550	WXK57	300	N
Cascade	030013	Great Falls, MT	162.550	WXJ43	300	
Chouteau	030015	Belgian Hill, MT	162.500	WWG84	300	

NOTE Many counties have been subdivided into as many as 9 smaller subsections. The numbers 1 to 9 in the far left column of the SAME code identifies specific subsections of a county. If a county has not been subdivided, the first digit of the county code will be zero.

ABOUT RADIO CHANNELS

The NWR radio channels work in the same way as a regular radio channel. All of the NWR transmission stations operate on 1 of 7 frequencies.

CHANNEL	CORRESPONDING RADIO FREQUENCY
1	162.400 MHz
2	162.425 MHz
3	162.450 MHz
4	162.475 MHz
5	162.500 MHz
6	162.525 MHz
7	162.550 MHz

The WR601 labels each frequency as a channel (1-7). Once the radio frequency for a region has been selected, the WR601 will receive voice and code information from that station. The radio channel information is located on the upper left hand corner of the LCD.

To change to radio channel:

1. In any of the time displays, press and hold **CHANNEL** for 2 seconds.
2. Press ▲ or ▼ to switch between various channels.
3. When the appropriate channel has been selected, press **MODE** to confirm and return to the Clock-Display mode.

PROGRAMMING "SAME" COUNTY CODES

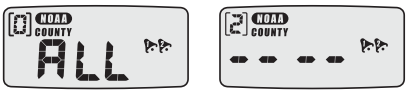
SAME county codes are required to receive weather and environmental information, and need to be entered into the WR601. Up to 6 specific SAME codes can be entered into 6 display fields.

NOTE The system can only alert the user to weather or warning information after SAME county-code information has been entered and enabled.

When the county code display is first entered, the user will see a display field providing the option of selecting all (ALL) or none [----] of the county codes. Selecting ALL will set the unit so all of the warnings and weather messages from a specified channel can be received. If none [----] is selected the unit will receive warning or weather information only from the specific regions that have been specified with respective county codes.

NOTE It is recommended to select a SAME code field between (1-6) and then enter a specific code for that field. Selecting ALL will result in the unit giving warnings for regions that are not relevant to the user. These regions are quite large and can encompass about 5,000 square miles (13 sq km).

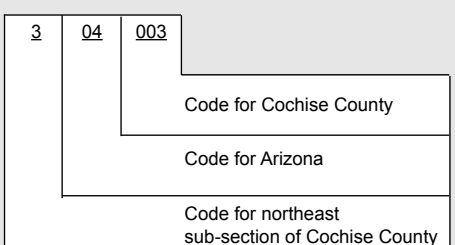
6 display fields permit up to 6 county codes to be entered. The user can select less than 6 codes by leaving the unused display fields empty.



As mentioned in the section "Finding local NWR channels and County codes", a toll-free phone number or Internet website are available to locate county code information.

DESCRIPTION OF SPECIFIC AREA MESSAGE ENCODING CODES.

A SAME code is broken into 6 fields of numbers.



County code for Cochise County, Arizona

State-county coding:

The 3 digits on the far right refer to the state county coding. Each county within a state will have an independent 3-digit code.

NOTE To receive all of the alerts for a given state, insert 000 into the county section.

State codes:

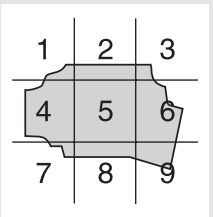
Moving towards the left, the next 2 digits are for state coding. Each of the 50 U.S. states has their own 2-digit code.

County sub-section code:

The last digit on the extreme left is the county sub-section. A county may be subdivided into nine sub-sections; each number between (1-9) represents a specific county sub-section.

NOTE If the county sub-section code is stated as 0, then that county is not sub-divided and all alerts for that county will be received. To receive all of the alerts for a given county, insert 0 into the county sub-section.

A county can be subdivided as follows:	
1	Northwest
2	North Central
3	Northeast
4	West Central
5	Central
6	East Central
7	Southwest
8	South Central
9	Southeast



To receive all warnings or only warnings from specified localities:

1. Press **COUNTY** to enter the county-code display from any Clock Display Mode.
2. Press ▲ or ▼ to switch between receiving all (ALL) warnings or only warnings from specified local areas [----].

NOTE If (1-6) [----] (specified local area) is selected, local county codes need to be programmed into the unit.

To enter the appropriate county code:

1. Press **COUNTY** to enter the county-code display from Clock Display Mode.
2. Press **COUNTY** to bypass the county-code field 0 and advance to county code field 1.
3. To enter the county-code in this field, press and hold **COUNTY** for 2 seconds. The extreme left county-code digit will flash.
4. To enter the first county-code digit, press ▲ or ▼.

Remember: This part of the code subdivides a county into localized sub-sections. If the county code has not been subdivided into smaller sub-sections, select (0) in the far left column.

5. Enter the remaining 5 digits by following the same process. Press **COUNTY** followed by ▲ or ▼.
6. When finished, press **COUNTY** to advance to the next county-code field, or wait 9 seconds to automatically return to Clock Display Mode.

RADIO VOLUME

Before you can set the volume, the radio needs to be in NOAA on mode.

To set the radio volume:
In Clock Display Mode, with the radio set to NOAA on, press ▲ or ▼ to adjust the volume. (Maximum volume is 7, no sound is 1.)

RECEPTION TEST

The fact that you can get clear voice reception does not guarantee that an emergency alert will trigger your unit's alert tone. To test actual reception, your unit must receive a test or emergency alert signal broadcast. The National Weather Service (NWS) broadcasts a test alert every week on Wednesday between 11AM and 12PM (noon). To find out the specific test schedule in your area, contact your local National Oceanic and Atmospheric Administration (NOAA) or National Weather Service (NWR) office. These offices are usually listed in the telephone book under "US Government".

REMEMBER For your system to be effective, you must

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place the emergency radio in a location where it can receive an emergency alert signal, you can hear its siren, and see its flashing indicator lights.

RECEPTION PROBLEMS AND SOLUTIONS

MANY THINGS AFFECT RECEPTION!

Forests, deserts, and hills / mountains tend to greatly reduce reception. Reception in cities may be reduced due to steel and concrete, while higher elevations will enhance the signal. Reception can vary from room to room. Moving even a few feet can enhance signal reception.

RECOMMENDATION Place the your weather radio near a window, away from other electronic equipment, and on an upper level of your house.

CLOCK AND CALENDAR

The Clock Display Mode is the unit's default display mode. When in another display mode it will automatically return to the Clock-Display after 9 seconds.

Setting the clock and calendar is sequential. Any part of the setting sequence can be bypassed by pressing **MODE**. Once changes are made and the setting mode has been exited, the day-of-the-week will automatically be determined. Days of the week are viewable in 3 languages: English, French and Spanish.

HOW TO SET THE TIME AND DATE

You can choose between 12 / 24-hour clock or month / day, day / month display format.

NOTE At any stage of the setting sequence, if no entry is made after 9 seconds, the unit will automatically exit the Clock-Setting mode and return to the Clock Display Mode.

To set the time:

1. In Clock Display Mode, press and hold **MODE** for 2 seconds.
2. To change the setting, press ▲ or ▼.
3. Press **MODE** to confirm and move onto the next setting.
4. The setting sequence is 12 / 24 hour format, hour, minute, year, month-date format, month, day and day of the week language (English, French or Spanish).

NOTE Pressing and holding ▲ or ▼ will advance digits in rapid sequence.

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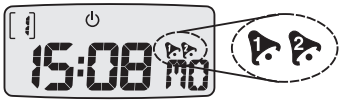
HOW TO SET THE ALARMS

The WR601 has 2 alarms (alarm 1 and alarm 2). They can be used together or independently. The alarm icons are only displayed when alarm 1 or alarm 2 are active. No icon(s) indicate that the alarm(s) have not been set.



Remember: From the Clock Display Mode, press **MODE** to enter Calendar-Display and then again to set Alarm 1. Press **MODE** once more to set Alarm 2.

Setting the Alarm:

1. With the clock displayed, press **MODE** until alarm (1 or 2) display is entered.

NOTE The last set time of the alarm will be displayed. If you have not set the alarm before, or if the alarm has been disabled, the time will be displayed as [----].

2. Press and hold **MODE** for 2 seconds.

Remember: At any stage of the setting sequence, if no entry is made after 9 seconds, the unit will automatically return to the Clock Display Mode.

3. To enter the hour, press ▲ or ▼ until the desired hour has been selected.

Remember: Pressing and holding ▲ or ▼ will advance digits in rapid sequence.

4. When the desired hour is reached, press **MODE** to advance select minutes. Press ▲ or ▼ to change values.
5. After selecting the minutes, press **MODE** or wait 9 seconds to exit Alarm-Setting Mode and return to Clock Display Mode. The alarm ON icon ( ) for the chosen alarm, will be shown to indicate that the alarm is set and will sound at the set time.

When an alarm goes off, it will sound for 1 minute, the EL backlight will activate. Alarms 1 and 2 are identified by different sounds: Alarm 1 has 2 short bursts of sound followed by a pause which then repeats. Alarm 2 has 4 short bursts of sound followed by a pause, which then repeats. Unless disabled, the alarms will sound for a total of 1 minute before automatically turning off.

DISABLING AN ALARM

When disabled, the respective alarm icon will not be displayed. A disabled alarm display is indicated by blanks [----].

To disable alarm (1 or 2):
Press MODE to enter alarm-1 or alarm-2 display followed by ▲ or ▼.

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NOTE When an alarm is activated, the alarm time will be displayed in the alarm display. In the Clock Display Mode, the respective alarm-on icon will appear indicating that alarm 1, 2 (or both) is set.

ENABLING AN ALARM

When disabled, the respective alarm icon will not be displayed. The display will show blanks [----].

To enable alarm (1 or 2):

Press **MODE** to enter alarm 1 or alarm 2 display followed by ▲ or ▼. The respective alarm-on icon will appear and the [----] alarm time will be replaced with the alarm time set.

HOW TO STOP AN ALARM

An alarm can be disabled but remain set so that it will activate at the same time the following day.

To stop an alarm:

When the alarm sound is activating, press any button (except ((SNOOZE)) . The alarm will be stopped and will activate again at the same time the next day.

SNOOZE

When either alarm 1 or 2 sounds, pressing ((SNOOZE)) will stop the alarm for 8 minutes before it sounds again.

BACKLIGHT

The EL back light casts a blue light evenly across the LCD making information easy to read in low light conditions. To activate the backlight, press ((SNOOZE)).

EMERGENCY ALERT SYSTEM (EAS)

The Emergency Alert System (EAS) uses the latest technology to allow local authorities to broadcast important emergency information to specific areas. The Emergency Alert system was originally designed as a communications link between the President and the general public during times of emergency. The EAS communication link is instant and can target the State, National, and Local Area levels. The EAS and NWS share the same digital signal used on the National Oceanic and Atmospheric Administration's Weather Radio (NWR). Ultimately, the purpose of EAS is to deliver emergency alert information to those who need it.

NOTE This product is equipped to receive all required NOAA and newly added EAS events.

To receive EAS events, make sure your WR601 radio is working properly. Please refer to the "SAME Messages" section for information about how to receive "Test" messages. When an EAS event is sent by the NWS, any 1 of the following messages will be displayed on your radio: "WARNING", "WATCH", or "ADVISORY" Please refer to the list of the National Events and Messages below:

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NATURE OF ACTIVATION	MESSAGE
Administrative message	ADVISORY
Avalanche Watch	WATCH
Avalanche Warning	WARNING
Biological Hazard Warning	WARNING
Boil Water Warning	WARNING
Blizzard Warning	WARNING
Child Abduction Emergency	ADVISORY
Civil Danger Warning	WARNING
Civil Emergency Message	WARNING
Coastal Flood Watch	WATCH
Coastal Flood Warning	WARNING
Chemical Hazard Warning	WARNING
Contaminated Water Warning	WARNING
Dam Watch	WATCH
Dam Break Warning	WARNING
Contagious Disease Warning	WARNING
Practice / Demo	ADVISORY
Dust Storm Warning	WARNING
Emergency Action Notification	WARNING
Emergency Action Termination	ADVISORY
Earthquake Warning	WARNING
Immediate Evacuation	WARNING
Evacuation Watch	WATCH
Food Contamination Warning	WARNING

NATURE OF ACTIVATION	MESSAGE
Flash Flood Watch	WATCH
Flash Flood Statement	ADVISORY
Flash Flood Warning	WARNING
Flood Watch	WATCH
Flood Statement	ADVISORY
Flood Warning	WARNING
Fire Warning	WARNING
Flash Freeze Warning	WARNING
Freeze Warning	WARNING
Hurricane Statement	ADVISORY
Hazardous Materials Warning	WARNING
Hurricane Watch	WATCH
Hurricane Warning	WARNING
High Wind Watch	WATCH
High Wind Warning	WARNING
Iceberg Warning	WARNING
Industrial Fire Warning	WARNING
Local Area Emergency	ADVISORY
Law Enforcement Warning	WARNING
Land Slide Warning	WARNING
National Audible Test	ADVISORY
National Information Center	ADVISORY
Network Notification	ADVISORY
National Periodic Test	ADVISORY

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NATURE OF ACTIVATION	MESSAGE
National Silent Test	ADVISORY
Nuclear Power Plant Warning	WARNING
Power Outage Advisory	ADVISORY
Radiological Hazard Warning	WARNING
Required Monthly Test	ADVISORY
Required Weekly Test	ADVISORY
Special Marine Warning	WARNING
Special Weather Statement	ADVISORY
Shelter In-Place Warning	WARNING
Severe Thunderstorm Watch	WATCH
Severe Thunderstorm Warning	WARNING
Severe Weather Statement	ADVISORY
Tornado Watch	WATCH
911 Telephone Outage Emergency	ADVISORY
Tornado Warning	WARNING
Tropical Storm Watch	WATCH
Tropical Storm Warning	WARNING
Tsunami Watch	WATCH
Tsunami Warning	WARNING
Volcano Warning	WARNING
Wild Fire Watch	WATCH
Wild Fire Warning	WARNING
Winter Storm Watch	WATCH
Winter Storm Warning	WARNING

NATURE OF ACTIVATION	MESSAGE
Unrecognized Watch	WATCH
Unrecognized Emergency	ADVISORY
Unrecognized Statement	ADVISORY
Unrecognized Warning	WARNING

NOTE The 4 “Unrecognized” messages above will appear when a new NOAA alert message is created and broadcasted. The unit will not be able to recognize the message as it is not in the software database.

For more information about the Emergency Alert System and event codes, please visit: www.fcc.gov/eb/eas/ or www.nws.noaa.gov/os/eas_codes.htm

SAME MESSAGES

The WR601 receives SAME warning messages in 3 classifications depending upon the level of emergency: Warning, Watch and Advisory. In addition to these 3 classifications, there is another type of message - Test. The purpose of this NWR service is to assist you in verifying that your WR601 NOAA weather radio is set-up and working properly. Each week the National Weather Service Office will broadcast a test message in SAME format. To receive the Test message, your WR601 needs to be in NOAA-on, NOAA-standby, or NOAA-mute mode with a county code and NWR channel selected and programmed into the radio. If your WR601 is properly set, a flashing “Test” icon will be displayed on the LCD when a Test message is received. The “Test” icon will continue

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to flash for over an hour after the Test message is received. NOAA Weather Radio stations broadcast the Test Message every Wednesday between 10:00AM and Noon, local time. (Test messages may also be sent on other days and times when there is a threat of severe weather in the listening area or for other reasons).

Corresponding with the "Test" icon, the following broadcast will be made immediately after sounding the Test alarm:

"This is the National Weather Service Office in ... (city) .... The preceding signal was a test of the Weather Radio Station ... (call sign) ... public warning system. During potentially dangerous weather situations, specially built receivers can be automatically activated by this signal to warn of the impending hazard. Tests of this signal and receivers' performance are normally conducted by the National Weather Service at ... (time) ... each Wednesday. If there is a threat of severe weather, the test will be postponed to the next good-weather day. Reception of this broadcast, and especially the warning alarm, will vary at any given location. This variability, normally more noticeable at greater distances from the transmitter, can occur even though you are using a good quality receiver in good working order. To provide the most consistent and dependable warning service possible, the warning alarm will be activated for hazardous watches and warnings for the following counties .... (list of counties)..."

When more than 1 state is involved, the names of the states will always preceed the names of the counties in that state.

If the Test is cancelled due to the threat of severe weather, the Test broadcast schedule will resume with the next available good-weather day.

If you have any questions regarding alarm tests or to verify if a test was conducted, contact the programming office of your local NOAA Weather Radio station.

CARE AND MAINTENANCE

When handled properly, this unit is engineered to give years of satisfactory service.

To properly maintain this product:

1. The unit is splash proof but do not immerse it in water. If the unit comes in contact with water, dry it with a soft lint-free cloth.
2. Do not clean the unit with abrasive or corrosive materials. Abrasive cleaning agents may scratch the plastic parts and corrode the electronic circuit.
3. Do not subject the unit to excessive force, shock, dust, temperature, or humidity. Such treatment may result in malfunction, a shorter electronic life span, damaged batteries, or distorted parts.
4. Do not tamper with the unit's internal components. Doing so will terminate the unit's warranty and may cause damage. The unit contains no user-serviceable parts.
5. Only use new batteries as specified in this instruction manual. Do not mix new and old batteries as the old batteries may leak corrosive or hazardous fluids.

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SPECIFICATIONS

RADIO FUNCTIONS

Channels:	Digital PLL tuning for 7 NOAA channels
SAME code setting options:	6 independent setting or ALL counties
Volume:	7 adjustment levels

TIME FUNCTIONS

Clock:	12 or 24 hour format
Calendar:	Calendar day-of-the-week display in English, French or Spanish
	User-select month/day or day/month format
Daily alarms:	2 one-minute duration alarms
Snooze:	8-minute alarm delay
Accuracy:	+ / - 0.5 seconds / day

GENERAL SPECIFICATIONS

Battery Type:	3 UM-3 or "AA" size 1.5V alkaline batteries
AC / DC Adapter:	7.5V - 350mA
LCD Dimensions:	2 (L) x 0.9 (W) inches (50 x 22 mm)
Unit Dimensions:	5.4 (L) x 3 (W) x 1.4 (D) inches (137 x 74 x 35 mm)
Unit Weight:	4.5 oz (131 g) without batteries
Operating Temperature:	23 ˚F to 122 ˚F (-5 ˚C to 50 ˚C)

CAUTION

- The content of this manual is subject to change without notice.
- Due to printing limitations, the display shown in this manual may differ from the actual product display.
- The contents of this manual may not be reproduced without the permission of the manufacturer.

ABOUT OREGON SCIENTIFIC

Visit our website (www.oregonscientific.com) to learn more about Oregon Scientific products such as digital cameras; MP3 players; children's electronic learning products and games; projection clocks; health and fitness gear; weather stations; and digital and conference phones. The website also includes contact information for our Customer Care department in case you need to reach us, as well as frequently asked questions and customer downloads.

We hope you will find all the information you need on our website, however if you're in the US and would like to contact the Oregon Scientific Customer Care department directly, please visit:
www2.oregonscientific.com/service/default.asp

OR

Call 1-800-853-8883.

For international inquiries, please visit:
www2.oregonscientific.com/about/international.asp

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FCC STATEMENT

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, and (2) This device must accept any interference received, including interference that may cause undesired operation.

WARNING Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE 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:

- 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.

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DECLARATION OF CONFORMITY

The following information is not to be used as contact for support or sales. Please call our customer service number (listed on our website at www.oregonscientific.com), or on the warranty card for this product) for all inquiries instead.

We

Name: Oregon Scientific, Inc.
Address: 19861 SW 95th Ave., Tualatin, Oregon 97062 USA
Telephone No.: 1-800-853-8883

declare that the product

Product No.: WR601
Product Name: Weather Radio
Manufacturer: IDT Technology Limited
Address: Block C, 9/F, Kaiser Estate, Phase 1,41 Man Yue St., Hung Hom, Kowloon, Hong Kong

is in conformity 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.

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Oregon SCIENTIFIC


Portable Weather Alert Radio
Model: WR601
User Manual

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