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## Package Contents

- Radio
- AC Adapter
- BNC-to-Phono Adapter
- User's Guide
- Quick Start

## Features

- Multifunctional design: alarm clock, radio, and weather radio
- Receive FM, AM, seven NOAA weather channels, and Skywarn reports.
- Digital SAME technology.
- Programmed with all U.S. states and counties.
- Sixteen alert volume levels.
- Separate daytime and night time alert volume settings.
- Different color LEDs indicate if the alert is a warning (red), watch (orange), or advisory (yellow).
- Alert reminder lets you know if you've missed an incoming transmission.
- Alert notifications display as text and can sound as tone or tone with voice.
- Auxiliary input enables you to play an MP3 player or other device through the radio speakers.
- Dual alarm clock can be set for two people to wake up at different times.
- Choose an alarm to wake you up: FM, AM, or alarm tone.
- Battery indicators.
- 60-hour battery backup.
- Recharges Ni-MH rechargeable batteries.
- Bilingual display: English or Spanish.

# Setup

## Understanding Your Radio

### Telescopic Antenna

Adjust to receive best signal reception.

### SNOOZE

Pause the alarm for 15 minutes.

### Alert Indicators

#### ADVISORY/WATCH/WARNING

- Flashes for 60 seconds when the alert begins, then lights for the duration of the alert.
- Alternating flashes indicate loss of weather signal.



## Right Panel

### ALERT ON/OFF

Turn audible alerts on or off.



### ALARM1 SET/ON/OFF, ALARM2 SET/ON/OFF

Turn the alarm on /off or set alarm.

## Back Panel

### DC 12V

Connect the AC adapter.



### ALERT OUT

Connect to a compatible external alert device with a 3.5mm phono plug.

### AUX INPUT

Connect to an external audio source.

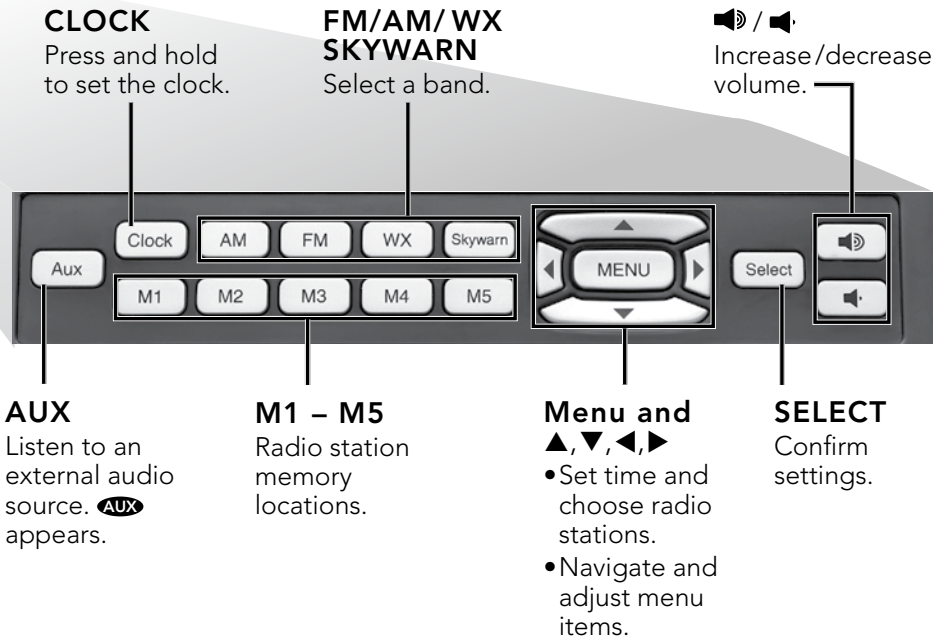


### Number Buttons

Enter FIPS code or Skywarn channel frequency.

### Manual/Scan/Program/Enter

Refer to "Using Skywarn" on page 10.



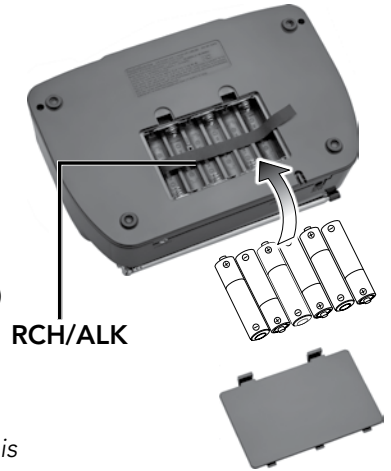
**Note:** The power source must supply 12V DC and deliver at least 400mA. Its center tip must be set to positive and its plug must fit the **DC 12V** jack. Using an adapter that does not meet these specifications could damage the radio or adapter.

## Power your Radio



Connect the supplied AC adapter to the **DC 12 V jack** and plug in to a standard household outlet.

### Install Backup Batteries



1. Open the battery compartment cover.
2. Slide the **RCH/ALK** switch to **RCH** for rechargeable or **ALK** for alkaline backup batteries.
3. Install six AA alkaline or Ni-MH rechargeable batteries (neither supplied). Insert batteries as indicated by the polarity symbols (+ and -) marked inside.



#### Notes:

-  flashes when the rechargeable batteries are charging,  will appear when charging is finished. Charging can take up to 30 hours.
- If the radio's power supply is switched from AC to battery operation, the three alert LEDs will blink for 3 minutes.

#### Battery Notes:

- When  or  displays, replace the batteries.
- Use only fresh batteries of the required size and type.
- Dispose of old batteries promptly and properly. Do not burn or bury them.
- Do not mix old and new batteries, different types of batteries (standard, alkaline, or rechargeable), or rechargeable batteries of different capacities.
- If you do not plan to use your radio for a long period, remove the batteries. Batteries can leak chemicals that may damage electronic parts.



## Recycle Rechargeable Batteries

Placing rechargeable batteries in the trash can be harmful to the environment. Instead, recycle old rechargeable batteries at your local RadioShack store free of charge.

RadioShack participates in the RBRC® battery recycling program, and is committed to preserving the environment and conserving natural resources. Call 1-800-THE-SHACK (1-800-843-7422) for more information.

# Use the Antenna

## Telescopic Antenna



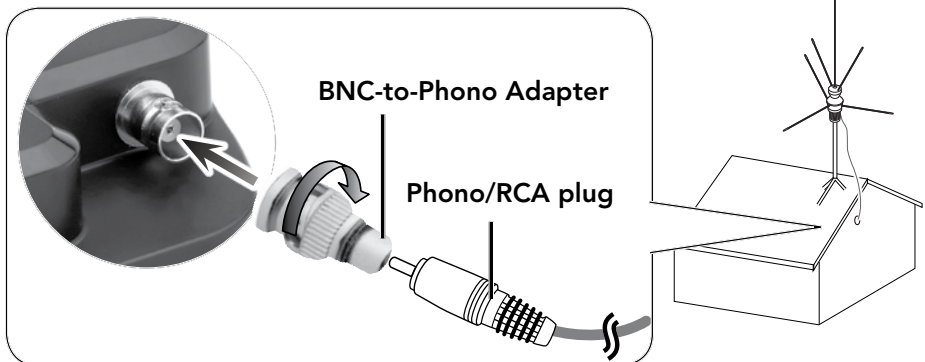
## External Antenna

For better reception, you can install an external antenna to your radio.

1. Pull out the installed telescopic antenna.



2. If needed, connect the supplied BNC-to-phono adapter to the phono/RCA plug from your antenna.
3. Connect the external antenna (Follow the installation instructions that came with your external antenna.)



# Basic Operation

## Set the Clock

1. If necessary, press **CLOCK** to switch to clock mode.
2. Briefly hold **CLOCK** until the hour digits flash.
3. Use **▲**, **▼**, **◀**, **▶** to set the hour, minute and AM/PM.
4. After setting clock, press **CLOCK** or **SELECT** to confirm and exit.




## Set the Alarm

1. Slide **ALARM 1** or **ALARM 2** to **SET**.
2. Press **▲**, **▼**, **◀**, **▶** to set the alarm hour, minute, and alarm source (buzzer loudness **🔊/🔊/🔊** or FM/AM).
3. After setting the alarm, slide **ALARM 1** or **ALARM 2** to **ON/OFF** to confirm and exit.
4. To turn the alarm on, slide **ALARM 1/ALARM 2** to **ON**. To turn it off, slide **ALARM 1/ALARM 2** to **OFF**.

## When the Alarm Sounds

- The alarm will sound for 2 hours at the set time.
- To pause the alarm for 15 minutes, press **SNOOZE**.
- When the alarm time expires, the alarm will sound again the next day at the same time.

 **Note:** The radio automatically exits setting mode if you do not press any button for 15 seconds while setting the alarm or clock.

## Using the Radio

Press **AM** or **FM** to enter radio mode.

**Manual Scan** – Press **▲** or **▼** to find a station.

**Auto Scan** – Briefly hold **▲** or **▼** until the channels start to change rapidly. The radio automatically stops when it finds a station. If no station is found, the radio will continue scanning.



## Set Radio Station Memory

1. Press **AM** or **FM** to toggle between **AM1**, **AM2**, **FM1** or **FM2**. The selected band indicator appears on the left side of the display.
2. Press **▲** or **▼** to find a station.
3. Briefly hold a memory button (**M1–M5**) until the selected memory indicator (**M1–M5**) appears on the right side of the display.  
You can store up to five channels each for **AM1**, **AM2**, **FM1**, and **FM2**.
4. To listen to a preset station, press **AM** or **FM** to toggle between **AM1**, **AM2**, **FM1** or **FM2**, then press one of memory buttons **M1–M5**.



## Using the Weather Radio

Press **WX** to listen to the weather radio. The radio will select the last channel used.

**Manual Scan** – Press **WX**, then press **▲** or **▼**.

**Auto Scan** – Press **WX** and then briefly hold **▲** or **▼** until the channels start to change. The radio stops when it finds the channel with strongest signal strength.



### Notes:

- All seven NOAA weather channels are preprogrammed on your radio. If the radio cannot find a signal, it will keep scanning.
- If the weather signal is lost, **WARNING** and **ADVISORY** alert indicators flash alternately, and **WATCH** indicator lights.
- If you are having trouble finding a weather signal, try adjusting the antenna or moving the radio to a different location. You may need to install an external antenna. See “**External Antenna**” on page 7.
- If the radio has not received a SAME alert signal (including test or demo signals) for 10 days or longer, a warning message will scroll on the display: “10 days have lapsed since last message received. Check reception.” See “**How do I test my radio?**” on page 20.

## Set Weather Channel Memory

While the radio is on the desired channel, press and hold **M1** to **M5** until the selected memory indicator (**M1–M5**) is displayed. You can store up to five channels.

To listen to a channel from memory, press **M1–M5** while in weather radio mode.

## Viewing Weather Alerts

You can view the last four different weather alerts received by the radio. When an alert is received, the alert description scrolls across the display. If multiple alerts are received, press ◀ or ▶ to view them in order. The first description is always the newest and descriptions are shown in chronological order. Example:

1) Flash Flood Watch 0:15

2) Hurricane Watch 1:15

## Receiving Alerts for Specific Areas

When an emergency event happens, the National Weather Service (NWS) broadcasts a SAME code indicating the affected region along with the alert signal. You can program your weather radio to alert you for events in up to ten regions.

1. Press **MENU**, then press ◀ or ▶ to scroll to **SAME Code**.
2. Press ▲ or ▼ to select **Multiple**. Press **SELECT**.
3. Press **SELECT** to choose Location #1.
4. Press **SELECT** to choose **Edit By Name**.
5. Press ▲ or ▼ to choose your state and press **SELECT**.
6. Press ▲ or ▼ to choose your county and press **SELECT**.
7. Press **MENU** to return to the location menu.
8. Press ▲ to go to Location #2.
9. Repeat steps 4 – 8 to program additional locations.


### Notes:

- If you want to program only one location, choose **Single** at step 2.
- For more information see “**SAME Code**” on page 13 and “**What are FIPS codes and SAME signals?**” on page 19.

# Skywarn

## About Skywarn

Many areas of the country have amateur radio repeaters that have been designated as “Skywarn” repeaters. During times of severe weather, these repeaters are used to relay reports of severe weather directly to meteorologists at a local National Weather Service forecast office. Using the Skywarn feature in your radio, you can easily jump to your local Skywarn frequency and monitor these reports, in many cases hearing about severe weather in your area instantly as it occurs.

 **Note:** If you tune to a Skywarn frequency when the Skywarn net is not active, you may hear nothing, or you may hear amateur radio operators talking on a local repeater system.

## Programming Skywarn Channels into Memory

Before using the Skywarn function, you must store Skywarn channels into the memory. Visit [RadioReference.com](http://RadioReference.com) to find the Skywarn frequencies used in your area. You can store up to 20 Skywarn frequencies into memory.



Press **Skywarn** to enter the Skywarn mode, the radio will select the last channel used.

1. Press **Program** and use ▲ or ▼ to scroll to the desired channel number (1-20).
2. Use the number keys to enter a 6-digit frequency.
3. Press **Enter** to confirm.

## Using Skywarn

To listen to a stored channel:

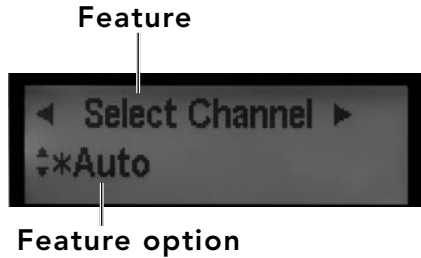
Press **Manual** and use ▲ or ▼ to find desired channel. Press **Enter** to confirm.

**Or**, press **Scan** to auto scan the stored Skywarn channels.



# Advanced Operation



## Changing Radio Settings


1. Press **MENU** then press ◀ or ▶ to scroll through the features menu. A feature and one of its options appears.
2. Press ▲ or ▼ to view the feature's options.
3. Press **SELECT** at the feature you want. An asterisk (\*) appears next to the selected feature.
4. Press **MENU** to exit or return to a previous level.



Feature	Options
<b>Select Channel</b>	<ul style="list-style-type: none"><li>• <b>Auto</b> – the radio will scan for the best weather channel (strongest signal strength) automatically after power on.</li><li>• <b>Manual</b> – the radio will return to the current weather radio channel after power on.</li></ul>
<b>Alert Mode</b>	<ul style="list-style-type: none"><li>• <b>Tone</b> – when an alert is received, an alert tone will sound for 5 minutes. Pressing any key stops the alert.</li><li>• <b>Voice</b> – when an alert is received, an alert tone will sound for 10 seconds, then an audio broadcast for 5 minutes.</li></ul>
<b>Alert Reminder</b>	<p>If no key is pressed when the radio receives an alert, the radio will sound a reminder message every 30 seconds until the effective alert time expires.</p> <ul style="list-style-type: none"><li>• <b>On</b> – turns on the alert reminder.</li><li>• <b>Off</b> – turns off the alert reminder.</li></ul>

Feature	Options
<p><b>Signal Reminder</b></p>	<p>When a weather channel is not detected and there is no key pressed, the radio will sound a reminder message.</p> <ul style="list-style-type: none"> <li>• <b>On</b> – turns on the signal reminder.</li> <li>• <b>Off</b> – turns off the signal reminder.</li> </ul> <p>When the signal reminder sounds, you can press any button to mute it.</p> <p> <b>Notes:</b></p> <ul style="list-style-type: none"> <li>• <i>If the signal is lost, WARNING and ADVISORY alert indicators flash alternately, and WATCH indicator lights.</i></li> <li>• <i>Press any button to mute signal loss reminder alert. If a signal is detected but lost within 10 minutes, then the reminder won't sound.</i></li> </ul>
<p><b>SAME Code</b></p>	<p>You can set your weather radio to alert for events affecting all regions, a single region, or multiple regions.</p> <ul style="list-style-type: none"> <li>• <b>All</b> – the radio will alert for all regions within the broadcast area.</li> <li>• <b>Single</b> – the radio will alert only for Location 1. <ul style="list-style-type: none"> <li>• <b>Edit By Name</b> – select your state and county.</li> <li>• <b>Edit By FIPS</b> – use number button to key in 6-digit FIPS code.</li> <li>• <b>Delete?</b> – clear current memory location.</li> </ul> </li> <li>• <b>Multiple</b> – the radio will alert for events in any of the programmed regions. <ul style="list-style-type: none"> <li>• <b>Edit By Name</b> – select your state and county.</li> <li>• <b>Edit By FIPS</b> – use number button to key in 6-digit FIPS code.</li> <li>• <b>Delete?</b> – clear current memory location.</li> </ul> </li> </ul> <p> <b>Notes:</b></p> <ul style="list-style-type: none"> <li>• <i>For more information see “Receiving Alerts for Specific Areas” on page 10 and “What are FIPS codes and SAME signals?” on page 19.</i></li> <li>• <i>When you key in FIPS code, you can press ◀ or ▶ to select the digit you want to change.</i></li> </ul>

Feature	Options
<b>Set Alert</b>	<p>You can turn off audio alert for specific alert events. Press ▲ or ▼ to scroll through the events and press <b>SELECT</b> to turn the alert tone on or off. See “<b>NWS Alert Descriptions</b>” on page 16 for a list of alert events.</p> <p> <i>Note: Some events cannot be turned off.</i></p>
<b>Set Language</b>	<p>Select either <b>English</b> or <b>Spanish</b>.</p>
<b>Alert Vol-Day</b>	<ul style="list-style-type: none"> <li>• Press ▲ or ▼ to adjust volume level for the hours between 6 AM to 10 PM.*</li> </ul>
<b>Alert Vol-Night</b>	<ul style="list-style-type: none"> <li>• Press ▲ or ▼ to adjust volume level for the hours between 10 PM to 6 AM.*</li> </ul>
<b>Backlight</b>	<p>Select from three brightness levels: <b>High</b>, <b>Mid</b>, or <b>Low</b></p> <p> <b>Note:</b> <i>If the radio is powered by the AC adapter, the backlight will stay on all the time. But if radio is powered by battery, the backlight will turn off automatically after 10 seconds.</i></p>

**\* Note:** *To avoid missing alerts, always set the volume level at maximum volume.*

## Turning Audible Alerts On or Off

- To enable audible alerts, slide **ALERT ON/OFF** to **ON**.
- To disable audible alerts, slide **ALERT ON/OFF** to **OFF**.

### Notes:

- You must slide **ALERT ON/OFF** to **OFF** while your radio is powered on, or the change will not take effect. This prevents accidentally switching off alerts.
- Even if you've turned off audible alerts, the backlight will still light up and the event message will scroll on the display until the effective time expires.

## Connecting an External Alert

Connect a compatible external alerting device such as a pillow shaker or a flasher to the **ALERT OUT** jack. The external device can be up to 200mA with a 3.5mm phono plug (not supplied).

Your radio passes alerts to the external device. The alert turns off automatically when the alert period ends or is manually reset by pressing **SNOOZE**.

## Restoring Factory Default Settings

1. Unplug the AC adapter and remove the backup batteries.
2. While holding down **MENU**, plug the AC adapter into an outlet. Keep holding **MENU** until "Reset to default Completed" is shown on the display.
3. Unplug and then plug in the AC adapter again and install batteries.

# Additional Information

## NWS Alert Descriptions

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*
Coastal Flood Watch	Watch	On
Coastal 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
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



<b>Event Code</b>	<b>Level</b>	<b>Default</b>
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
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

Event Code	Level	Default
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
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*

 **Notes:**

- \* Alert is enabled permanently and cannot be selected or disabled.
- † Test alerts you can use to ensure your local broadcasts are being received.

## Frequently Asked Questions (FAQs)


### What are FIPS codes and SAME signals?

The National Weather Service (NWS) precedes each weather alert with a digitally encoded **SAME** (Specific Area Message Encoding) signal, then a 1050 Hz tone. The SAME signal includes a **FIPS** (Federal Information Processing Standard) code and an event code that corresponds with the type of alert being sent.

The FIPS code format is:

Subdivisions	State	County
0-9 (0=entire area)	01-50 (00=all states)	XXX (000=all counties)
Example: 048439 (0=All; 48=Texas; 439=Tarrant County)		

To obtain the FIPS codes for your area, contact your local **RadioShack** store or call the NWS toll free at 1-888-NWR-SAME (1-888-697-7263). You can also visit the NWS website: [www.nws.noaa.gov/nwr/indexnw.htm](http://www.nws.noaa.gov/nwr/indexnw.htm).

 **Note:** Your weather radio comes pre-programmed with FIPS codes sorted by state and county. Do not change your FIPS code unless you have confirmed with the NWS. See “**Receiving Alerts for Specific Areas**” on page 10 for more information.

### What is an alert?

Your radio is preset to receive warnings, watches, and advisories from the NWS. When an alert is received, a voice or tone alert sounds, and the alert description and duration appear on the display. Alert descriptions are based on a list of specific weather alert types published by NWS. For a list of alert descriptions displayed on your Weather Alert Radio, refer to “**NWS Alert Descriptions**” on page 16-18.

 **Note:** If severe weather is imminent, do not wait for an alert tone.

### What are undefined or unrecognized alerts?

The NWS occasionally broadcasts weather information intended for commercial or other non-public use, or creates and broadcasts new alert types. If a signal for a new alert type is received and the alert is turned on, **UNRECOGNIZED** and the alert description (warning, watch, or advisory) displays.

## How do I test my radio?

The NWS broadcast test alerts every week on Wednesday between 11 AM and 1 PM. To find out the specific test schedule in your area, contact your local NOAA (National Oceanic and Atmospheric Administration) or the NWS (National Weather Service). These offices are listed in most telephone books or online at [www.nws.noaa.gov](http://www.nws.noaa.gov). These test alerts are off by default. To change your alert settings see “**Set Alerts**” on page 14.

**⚠ Important:** *Clear reception of a weather broadcast signal does not guarantee an emergency alert will trigger your radio’s alert function. The alert function will only be triggered by an emergency alert when you program the weather radio with the FIPS code for your area.*

## Multiple FIPS codes are stored, but why does the radio only respond to alerts for one area?

Make sure your radio is set to **MULTIPLE** mode. See “**SAME Code**” on page 13.

## Why is there no weather broadcast when I press WX?

- Make sure the telescoping antenna is fully extended.
- Make sure the radio is set to the weather channel broadcast in your area. See “**Select Channel**” on page 12

## What is the difference between a watch and a warning?

- A watch alerts you to potential severe weather approaching your area. It doesn’t mean severe weather will occur, but that the right conditions exist which could lead to severe storms. You should be prepared for deteriorating weather.
- A warning states the severe weather is imminent or present in your vicinity. You should immediately take precautions to protect yourself and your family.

## How can I adapt my weather alert radio for special needs?

You can use your weather alert radio with a universal interface or modules that trigger a siren and/or flash lights when an alert is received. See “**Connecting an External Alert**” on page 15 for more information.

### **Why can't I receive the test signal from NOAA?**

By default your weather alert radio does not receive test alerts. For information about turning on test alerts, see “**Set Alerts**” on page 14.

When programming alerts, keep in mind that although NOAA is a national organization, test alerts are sent locally. Some local services send test signals out once a month instead of once a week. Other local services do not send out any test alerts other than seasonal alerts (hurricane, tornado, etc.). Check with your local weather service to find out their testing frequency.

If you are on the right frequency and a signal was sent, you might need to try a different location for the radio, such as near a window and away from any other audio equipment, or you may need an external antenna.

### **Should the radio pick up a weather broadcast all of the time?**

The weather service broadcasts constantly. If you cannot pick up any weather broadcasts, check the NWS website at [www.nws.noaa.gov](http://www.nws.noaa.gov) to be sure you are on the right frequency.

If you are on the correct frequency and do not get a signal, try moving your weather radio. If you are in a metal building or in a weak signal area, you may need to use an external antenna. See “**Connect Antenna**” on page 7 for more information.

### **What is SKYWARN?**

SKYWARN is a nationwide program, sponsored by the National Weather Service, which consists of specifically trained volunteers by the NWS to observe and report on developing or occurring severe weather.

### **How do I know the Skywarn channels available in my area?**

You can check the Skywarn channels available at your area online at [www.radioreference.com](http://www.radioreference.com).

### **Why is the radio silent when I turn on the Skywarn mode?**

A muting function is implemented for Skywarn operation to avoid excessive noise to be heard. When no signal is available at the Skywarn frequency selected, nothing will be heard.

### **How do I charge the batteries?**

To charge the rechargeable batteries, the unit should be powered by AC Adapter and the **RCH/ALK** switch inside the battery compartment should be switched to **RCH**. Please note that **RCH** must NOT be selected when alkaline batteries are used.

# Specifications

## Weather Radio Bands

Channel 1 .....	162.400 MHz
Channel 2 .....	162.425 MHz
Channel 3 .....	162.450 MHz
Channel 4 .....	162.475 MHz
Channel 5 .....	162.500 MHz
Channel 6 .....	162.525 MHz
Channel 7 .....	162.550 MHz

## Skywarn Bands

VHF Band .....	144.390 – 148.000 MHz
UHF Band .....	441.000 – 452.000 MHz

## Radio Frequency Range

AM Band.....	530 – 1710 kHz
FM Band.....	87.5 – 108.1 MHz

## Receiver Sensitivity

Weather Radio Band .....	0.3 $\mu$ V
Skywarn Band.....	0.3 $\mu$ V
AM Band.....	2200 $\mu$ V/m
FM Band.....	6 $\mu$ V
FIPS codes sensitivity .....	0.3 $\mu$ V

## Others

Audio Output Power .....	2 x 200 mW
Dimensions (W×H×D) .....	8.7 × 2.6 × 5.8 inches (220 × 66 × 147 mm)
Weight (without batteries) .....	1.3 lbs (600 g)

## Power Requirement

AC Adapter .....	DC12V, 400mA (Center positive)
Batteries .....	6 AA Batteries

*Specifications above show the typical values. Specifications are subject to change and improvement without notice. Actual product may vary from the images found in this document.*

## Care

Keep the dry. If it gets wet, wipe it dry immediately. Use and store the radio only in normal temperature environments. Handle the radio carefully; do not drop it. Keep the radio away from dust and dirt, and wipe it with a damp cloth occasionally to keep it looking new.

## Service and Repair

If your radio is not performing as it should, take it to your local **RadioShack** store for assistance. To locate your nearest **RadioShack**, use the store locator feature at [www.radioshack.com](http://www.radioshack.com), or call 1-800-The Shack (1-800-843-7422) and follow the menu options. Modifying or tampering with the radio internal

components can cause a malfunction and might invalidate its warranty and void your FCC authorization to operate it.

## FCC Information

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 your local **RadioShack** store or an experienced radio/TV technician for help.

If you cannot eliminate the interference, the FCC requires that you stop using your equipment. Changes or modifications not expressly approved by RadioShack may cause interference and void the user's authority to operate the equipment.

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.



Product	All-Hazards Weather Alert Clock Radio with Skywarn
Model	12-519
Responsible Party	RadioShack 300 RadioShack Cir. Fort Worth, TX 76102
Phone	817-415-3200

## Limited Warranty

**RadioShack** warrants this product against defects in materials and workmanship under normal use by the original purchaser for **one (1) year** after the date of purchase from a **RadioShack**-owned store or an authorized **RadioShack** franchisee or dealer. **RADIOSHACK** MAKES NO OTHER EXPRESS WARRANTIES.

This warranty does not cover: (a) damage or failure caused by or attributable to abuse, misuse, failure to follow instructions, improper installation or maintenance, alteration, accident, Acts of God (such as floods or lightning), or excess voltage or current; (b) improper or incorrectly performed repairs by persons who are not a **RadioShack** Authorized Service Facility; (c) consumables such as fuses or batteries; (d) ordinary wear and tear or cosmetic damage; (e) transportation, shipping or insurance costs; (f) costs of product removal, installation, set-up service, adjustment or reinstallation; and (g) claims by persons other than the original purchaser.

Should a problem occur that is covered by this warranty, take the product and the **RadioShack** sales receipt as proof of purchase date to any **RadioShack** store in the U.S. **RadioShack** will, at its option, unless otherwise provided by law: (a) repair the product without charge for parts and labor; (b) replace the product with the same or a comparable product; or (c) refund the purchase price. All replaced parts and products, and products on which a refund is made, become the property of **RadioShack**. New or reconditioned parts and products may be used in the performance of warranty service. Repaired or replaced parts and products are warranted for the remainder of the original warranty period. You will be charged for repair or replacement of the product made after the expiration of the warranty period.

**RADIOSHACK** EXPRESSLY DISCLAIMS ALL WARRANTIES AND CONDITIONS NOT STATED IN THIS LIMITED WARRANTY. ANY IMPLIED WARRANTIES THAT MAY BE IMPOSED BY LAW, INCLUDING THE IMPLIED WARRANTY OF MERCHANTABILITY AND, IF APPLICABLE, THE IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE, SHALL EXPIRE ON THE EXPIRATION OF THE STATED WARRANTY PERIOD.

EXCEPT AS DESCRIBED ABOVE, **RADIOSHACK** SHALL HAVE NO LIABILITY OR RESPONSIBILITY TO THE PURCHASER OF THE PRODUCT OR ANY OTHER PERSON OR ENTITY WITH RESPECT TO ANY LIABILITY, LOSS OR DAMAGE CAUSED DIRECTLY OR INDIRECTLY BY USE OR PERFORMANCE OF THE PRODUCT OR ARISING OUT OF ANY BREACH OF THIS WARRANTY, INCLUDING, BUT NOT LIMITED TO, ANY DAMAGES RESULTING FROM INCONVENIENCE AND ANY LOSS OF TIME, DATA, PROPERTY, REVENUE, OR PROFIT AND ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, EVEN IF **RADIOSHACK** HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

Some States do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from State to State. You may contact **RadioShack** at:

**RadioShack** Customer Relations  
300 RadioShack Circle, Fort Worth, TX 76102

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Protect the environment by recycling your used electronics. Go to [E-CyclingCentral.com](http://E-CyclingCentral.com) to find an electronic recycling center near you.