RadioShack
www.radioshack.com℠

Desktop SAME Weatheradio®

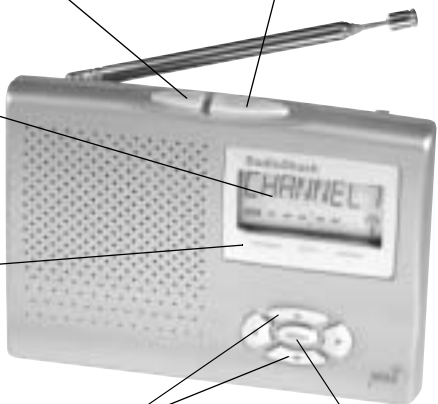
OWNER'S MANUAL —
Please read before using this equipment.

12-261

CLOCK — Press to set the clock and alarm time.

WEATHER/SNOOZE — Press to listen to a broadcast. Press to stop the alarm from sounding or to snooze.

Liquid Crystal Display — a large, easy-to-read display shows alert and channel information.



STATEMENT/ WATCH/WARNING LEDs — Light to indicate the severity of a weather alert.

▲, ▼, ◄, ► — Press to navigate programming menus.

MENU — Press to select programming options.

! IMPORTANT !

If an icon appears at the end of a paragraph, go to the box on that page with the corresponding icon for pertinent information.

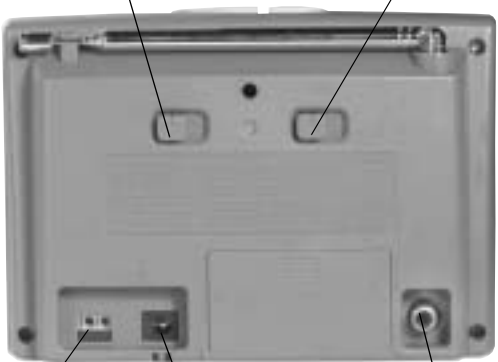
⚠ — Warning ! — Important — Note

**© 2003 RadioShack Corporation. All Rights Reserved.
RadioShack and RadioShack.com are trademarks
used by RadioShack Corporation.**

Back view

ALARM ON/OFF/SNOOZE — Turn the alarm on or off, or enable the snooze function.

ALERT ON/OFF — Turn the audible alert on or off as desired.



DC 9V Jack — Insert the supplied adapter to power your Weatheradio.

ALERT OUT — Connect to an external device to be notified of weather alerts almost anywhere in your home.

EXT ANT — Connect an external antenna for crisp, clear reception.

WARNING: To reduce the risk of fire or shock hazard, do not expose this product to rain or moisture.

CAUTION
RISK OF ELECTRIC SHOCK DO NOT OPEN

CAUTION: To reduce the risk of electric shock, do not remove cover or back. No user-serviceable parts inside. Refer servicing to qualified personnel.

The lightning symbol is intended to alert you to the presence of uninsulated dangerous voltage within this product's enclosure that might be of sufficient magnitude to constitute a risk of electric shock. Do not open the product's case.

The exclamation symbol is intended to inform you that important operating and maintenance instructions are included in the literature accompanying this product.

HOW YOUR WEATHERADIO WORKS

Traditional weather radios simply receive the National Oceanic and Atmospheric Administration (NOAA) weather broadcast, and then sound an alarm if an emergency code is transmitted along with the broadcast. This means that people outside an affected area are often alerted even though their area is not affected, causing some to ignore weather warnings that apply to their area.

In 1994, NOAA began broadcasting signals called FIPS (Federal Information Processing System) codes along with their standard weather broadcasts. These codes identify the type of emergency and the specific geographic area (such as a county) affected by the emergency. Your Weatheradio receives, interprets, and displays FIPS code information so you can determine if the emergency affects your area. Only SAME-compatible weather radios are able to take advantage of this technology.

Each FIPS code identifies a specific geographic area defined by the

CONTENTS

How Your Weatheradio Works 3
- Weather Alerts 4
- Locking Out Undefined Weather Descriptions ... 4
- Understanding FIPS Codes 5
- Obtaining Your Area's FIPS Code(s) 6

Preparation 6
- Connecting to AC Power 7
- Installing the Backup Battery 7
- Using the Antenna 8
- Connecting an External Antenna 9
- Choosing a Location 9
- Connecting to an External System 10
- Testing the Weatheradio 10

Programming 11
- Channel Setup 12
- Alert Type Setup 13
- Missed Alert Reminder 14
- Signal Loss Reminder 15
- Response Location 15
- Tone Defeat 18

Operation 21
- Setting the Clock and Alarm 22
- Listening to a Weather Broadcast 24
- Using the Alert 24
- Setting Alert Tone Level 24
- Viewing Multiple Alerts 25

Troubleshooting 27
The FCC Wants You To Know 28
Specifications 29
NWS Alert Descriptions .. 30

NOTE

If more than one weather alert is received at the same time, information for each alert appears sequentially.

⚠ WARNING ⚠

The NWS uses sophisticated weather models to determine an alert's effective time. However, the end of an alert does not necessary mean that the weather emergency is over.

National Weather Service (NWS). If FIPS codes are entered, your Weatheradio sounds an alert only when a weather emergency is declared in that area. This helps you more efficiently track the weather conditions in and around your area.

Weather Alerts

When a weather alert is received, an 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 the NWS. For a list of alert descriptions displayed on your Weatheradio©, see "NWS Alert Descriptions" on Page 30.

Locking Out Undefined Weather Descriptions

The NWS might occasionally broadcast weather information intended for commercial or non-private use. This information could include a message intended for automated weather services (such as those used by radio or TV stations). Your Weatheradio memory does not contain a specific, corresponding description for the

signals related to these commercial weather types.

Additionally, your Weatheradio is designed to recognize all common weather alert types currently used by the NWS. However, the NWS occasionally creates and broadcasts new alert types. If a signal for a new alert type is received and the alert is turned on, UNKNOWN and the alert description (EMERGENCY, STATEMENT, WARNING or WATCH) appear.

UNDERSTANDING FIPS CODES

For the purpose of broadcasting weather information, the NWS has divided the United States into regions by state and county (or parish, where applicable), and assigned a six-digit FIPS code. For example, the code for Tarrant County, Texas, is 048439.

The first digit of a FIPS code identifies the county subdivision, the next two digits identify the state, and the last three digits identify the county or parish.

Your Weatheradio can receive all SAME alert signals broadcast within

NOTE

Most FIPS codes begin with 0, which means the code represents an entire county. The NWS plans to subdivide some large counties. When this happens, each subdivision will be assigned a digit from 1-9, resulting in codes such as 148439, 248439, and so on. If you are close to a county or parish line, you might want to obtain the codes for the nearby counties or parishes.

about a 50-mile radius. To receive alerts about weather occurring only in particular counties within that area, you can program up to nine FIPS codes into memory. You can then avoid hearing an alert that applies to an area within a 50-mile radius, but not necessarily to your county or parish.

Obtaining Your Area's FIPS Code(s)

To obtain FIPS codes, 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 at:

www.nws.noaa.gov/nwr/indexnw.htm#sametable

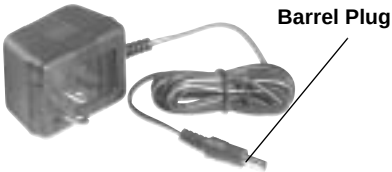
! IMPORTANT !

You might want to obtain codes for other local areas that you frequently travel through (as long as they are within an area covered by your local NWS broadcast station). That way, you can program those codes into the Weatheradio and receive those broadcasts.

PREPARATION

Your Weatheradio uses the supplied AC adapter for power, and one 9V battery (not supplied) for backup if AC power fails or is temporarily

disconnected. We recommend RadioShack alkaline batteries.



Connecting to AC Power

1. Insert the supplied AC adapter's barrel plug into the weatheradio©'s **DC 9V** jack.
2. Plug the other end of the adapter into a standard AC outlet.

NOTE

Always connect the Weatheradio to AC power for normal use.

Installing the Backup Battery

1. Slide the battery compartment cover downward to remove it.

BATTERY NOTES

- Dispose of old batteries promptly and properly.
- Do not burn or bury batteries.
- Use only a fresh battery of the required size and recommended type.
- 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 the Weatheradio for several weeks, remove the battery. Batteries can leak chemicals that can damage electronic parts.

2. Place a 9V battery in the compartment according to the polarity symbols marked inside.

3. Replace the cover.

When ▭ appears, backup battery power is low. When ▭ flashes and AC power is connected, the backup battery is dead, or not installed correctly. Replace or install a fresh battery.

USING THE ANTENNA

The built-in telescoping antenna lets you receive strong local signals. To use the built-in antenna, lift it so it is positioned vertically and fully extend it.

Connecting an External Antenna

To improve reception in remote areas, you can connect an external antenna using an adapter cable with a phono plug. Your local RadioShack store sells a wide variety of antennas.

To connect an external antenna, connect one end of the adapter cable to the Weatheradio's **EXT ANT** jack. Connect the other end of the cable to the antenna.

Choosing a Location

You can set your Weatheradio on any flat surface. For the best reception, place your Weatheradio where:

- it can receive alert signals.
- you can hear the alert tone.

Make sure the Weatheradio is away from obstructions such as metal cabinets or bookshelves. Higher frequencies are noticeably affected by obstructions. Do not place the Weatheradio near any metal surface such as a refrigerator, a metal door or wall, or a water pipe hidden behind a wall. This reduces the Weatheradio's ability to receive signals.

CONNECTING TO AN EXTERNAL SYSTEM

The Weatheradio's **ALERT OUT** terminals let you connect an external module interface using twin-lead 20-gauge cable (not supplied). Then you can set the interface to sound an audible or visible alert on a connected appliance when a weather emergency alert broadcast is received.

> **NOTE**
>
> Your local RadioShack store carries a wide selection of cable and audible or visible alert accessories.

1. Connect the Weatheradio©'s positive (+) and negative (-) **ALERT OUT** terminals to the corresponding (+ and -) terminals on the external system.

2. When you are finished, use a pointed object (such as a straightened paper clip) to press on the orange tabs under the cable wires, and gently pull on the wires to remove them.

TESTING THE WEATHERADIO

In the United States, the NWS broadcasts a test alert every week on Wednesday between 11 AM and 1 PM. To find out the specific test schedule in your area, contact your local NOAA or NWS office. These offices are usually listed in the telephone book under "US

Government, Department of Commerce." **!**

1. Unplug the AC adapter and remove the backup battery.
2. Hold down **WEATHER** and use the supplied adapter to connect to AC power. USR SET appears and the Weatheradio beeps. Release **WEATHER**.
3. Press ▲ to select a beep tone, or ▼ to select a siren tone. The Weatheradio sounds the selected tone.
4. Press ▶ to silence the tone.
5. Press **MENU** to clear the memory and restore the factory settings. DEFAULT and then USR SET appears.
6. Unplug the AC adapter and reconnect it. Re-install the backup battery.

! IMPORTANT !

Clear reception of a weather broadcast signal does not guarantee that an emergency alert will trigger your Weatheradio©'s alert function. Be sure you choose the proper location for the Weatheradio©.

PROGRAMMING

Your Weatheradio is pre-programmed with the seven NOAA broadcast frequencies (channels 1-7). It is also preset to receive any weather alert broadcasts within its reception range.

The first time you use your Weatheradio©, it automatically scans for the strongest channel and receives all SAME alert signals broadcast within a 50-mile radius. If you do not press a key within about 45 seconds, all valid channels are stored. The Weatheradio does not receive alert signals while it is being programmed.

1. Press **MENU**. SELCH appears.
2. Repeatedly press ▲ or ▼ to select and customize the following options: Channel Setup, Alert Type Setup, Missed Alert Reminder, Signal Loss Reminder, Response Location, and Tone Defeat.

CHANNEL SETUP

You can search for a channel automatically or manually.

1. When SELCH appears, press ▶. AUTO appears.
2. Press ▲ or ▼ to select AUTO or MANUAL channel setup.

Auto

3. *If you selected* AUTO, press ▶ to start automatically searching for a channel. SEARCH appears. When a

channel is detected, WEATHER, CHANNEL # (new channel), and AVIABLE appear. Then AUTO reappears.

If no channel is detected, NO CH AVIABLE, BACK TO, and CHANNEL # (the preset channel) appear. Then AUTO reappears.

Manual

3. *If you selected* MANUAL, press ▶. CHANNEL # (current channel) appears and the broadcast begins. Repeatedly press ▲ or ▼ until the desired channel number appears.

   Press ▶ to confirm your selection. A beep sounds and CHANNEL # (new channel) appears. Then MANUAL reappears.

4. Press **MENU** to exit.

ALERT TYPE SETUP

The Weatheradio responds to an NWS alert broadcast in one of two ways.

Voice – An alert tone sounds for 10 seconds, and then the weather (voice) broadcast automatically turns on for five minutes. The alert description and duration appear.

NOTE

If you received a NOAA broadcast on more than one channel, the one with the best reception might not be the one broadcasting information for your location. Contact your local RadioShack store or the NWS to find out which frequency NOAA is using to broadcast information for your location.

Tone – An alert tone sounds for five minutes, and the alert description and duration appear. To silence the alert tone sooner, press **WEATHER**. The NWS broadcast turns on. This is the default setting.

1. When ALT MODE appears, press ▶. The currently selected alert type (TONE or VOICE) appears.
2. Repeatedly press ▲ or ▼ to select TONE or VOICE.
3. Press ▶ to confirm your selection. A beep tone sounds and ALT MODE reappears.
4. Press **MENU** to exit.

Missed Alert Reminder

The Weatheradio beeps every 30 seconds after a weather alert broadcast ends, until the weather alert expires. This lets you know an alert tone or voice broadcast sounded if you missed hearing it.

1. When MISS ALT appears, press ▶. ALT-ON or ALT-OFF appears.
2. Repeatedly press ▲ or ▼ to toggle between ALT-ON and ALT-OFF, and press ▶ to confirm. A beep sounds

and MISS ALT appears. REMINDER appears and remains on the display if missed alert reminder is turned on.

3. Press **MENU** to exit.

SIGNAL LOSS REMINDER

If a channel signal becomes weak or is lost, you can set a reminder to sound. You must then choose another channel or relocate the unit for better reception.

1. When SIG LOSS appears, press ▶. SIG-ON or SIG-OFF appears.
2. Repeatedly press ▲ or ▼ to toggle between SIG-ON and SIG-OFF, and press ▶ to confirm. A beep sounds and SIG-LOSS appears. REMINDER appears and remains on the display if signal loss reminder is turned on.
3. Press **MENU** to exit.

RESPONSE LOCATION

You can set the Weatheradio to work with FIPS codes in one of three ways.

- ALL LOC – Receives all SAME alert signals broadcast within about a 50-mile radius.

- MULTIPLE – Receives SAME alert signals for up to nine programmed FIPS codes.
- SINGLE – Receives a SAME alert signal for the FIPS code programmed in memory location 1.

1. When LOCATION appears, press ▶. The current response location appears.

2. Repeatedly press ▲ or ▼ until the desired setting (ALL LOC, SINGLE, or MULTIPLE) appears.

All Locations

To store all locations, press ▶ when ALL LOC appears. A beep sounds and LOCATION flashes at the bottom of the display.

Single

1. *To store a single location,* press ▶ when SINGLE appears. 1------- appears.

2. Press ▶. The first digit of the code flashes.

3. Press ▲ or ▼ to select the first digit. When the correct number appears, press ▶ to move to the next digit. If you made a mistake,

press ◄ to move back, and then press ▲ or ▼ to correct the number.

4. Press ▶ when you finish entering all six digits of the FIPS code. The radio stores your entry and **SINGLE** appears.

5. Press **MENU** to exit.

Multiple

1. *To store multiple locations,* press ▶ when **MULTIPLE** appears. **1**------ appears.

2. Press ▶. The first digit of the code flashes.

3. Press ▲ or ▼ to select the first digit. When the correct number appears, press ▶ to move to the next digit. If you made a mistake, press ◄ to move back, and then press ▲ or ▼ to correct the number.

4. Press ▶ when you finish entering all six digits of the FIPS code. A beep sounds, the radio stores your entry, and moves to the next code location.

5. Repeat Steps 2-4 to enter up to nine FIPS codes in memory.

6. Press **MENU**. The Weatheradio stores all valid entries and exits programming.

TONE DEFEAT

The Weatheradio automatically sounds an alert tone during specific types of weather alerts. You can turn the alert tone on or off for each type of alert. For example, you can turn off the volcano warning alert if you do not live near a volcano.

NOTE

- The Weatheradio still detects and displays alert information for alert tones that are disabled.
- When you select TONE ON, flashes. When you select TONE OFF, flashes.

1. When T-DEFEAT appears, press ▶.

2. Repeatedly press ▲ or ▼ until WARNING, WATCH, STATMENT, or TEST appears.

3. When WARNING appears, press ▶. AVALANCH WARNING appears.

4. Press ▲ or ▼ to scroll through the warning menu options:

AVALANCH WARNING
BLIZZARD WARNING
CHILD ABDUCTIN EMERGENC
COASTAL FLOOD WARNING
DUST STORM WARNING
FLASH FLOOD WARNING
FLOOD WARNING
HIGH WIND WARNING
SPECIAL MARINE WARNING
VOLCANO WARNING
WINTER STORM WARNING

5.For each type of alert, press ▶. TONE ON or TONE OFF appears.

6. Press ▲ or ▼ to toggle between TONE ON and TONE OFF, and press ▶ to confirm. A beep sounds.

7. Press ◀ to return to the previous menu category.

8. Repeatedly press ▲ or ▼ until WATCH appears.

9. Press ▶. AVALANCH WATCH appears.

10. Press ▲ or ▼ to scroll though the watch menu options:

AVALANCH WATCH
COASTAL FLOOD WATCH
FLASH FLOOD WATCH
FLOOD WATCH
HIGH WIND WATCH
HURRICAN WATCH
SEVERE THUNDER WATCH
TROPICAL STORM WATCH
VOLCANO WATCH
WINTER STORM WATCH

11. For each alert option, press ▶. TONE ON or TONE OFF appears.

12. Press ▲ or ▼ to toggle between TONE ON and TONE OFF, and press ▶ to confirm. A beep sounds.

13. Press ◀ to return to the previous menu category.

14. Repeatedly press ▲ or ▼ until STATM ENT appears.

15. Press ▶. FLASH FLOOD STATM ENT appears.

16. Press ▲ or ▼ to scroll through the statement menu options:

    FLASH FLOOD STATM ENT
    FLOOD STATM ENT
    HURRICAN STATM ENT
    SEVERE W EATHER STATM ENT
    SPECIAL W EATHER STATM ENT
    UNKNOW N STATM ENT TUNE TV

17. For each alert option, press ▶. TONE ON or TONE OFF appears.

18. Press ▲ or ▼ to toggle between TONE ON and TONE OFF, and press ▶ to confirm. A beep sounds.

19. Press ◀ to return to the previous menu category.

20. Repeatedly press ▲ or ▼ until **TEST** appears.

21. Press ▶. **ALL TEST** appears.

22. Press ▲ or ▼ to scroll through the test menu options:

    ALL TEST
    DEMO MESSAGE
    MONTHLY TEST
    WEEKLY TEST

23. For each desired alert, press ▶. **TONE ON** or **TONE OFF** appears.

24. Press ▲ or ▼ to toggle between **TONE ON** and **TONE OFF**, and press ▶ to confirm. A beep sounds.

25. Press ◀ to return to the previous menu category.

26. Once you have made your selections for each alert type, press **MENU** to exit.

OPERATION

1. Connect the Weatheradio to power.

2. The Weatheradio starts channel searching. **SEARCH**, **CHANNEL** and the channel number (**1** to **7**) appear.

3. When a channel is detected, WEATHER, CHANNEL#, AVIABLE, and appear.

4. If no channels are detected, NO CH AVIABLE, BACK TO, and CHANNEL# (last set channel) appear. flashes.

5. The Weatheradio monitors the signal strength at all the times. If the signal is lost, SIG LOSS appears, and and the alert type LEDs flash.

SETTING THE CLOCK AND ALARM

1. Press **CLOCK** to enter alarm setting mode. If you have not set the alarm before, --:-- appears.

2. Hold down **CLOCK** for about two seconds and release. and the alarm hour digits flash.

3. Press ▲ or ▼ to select the desired alarm hour. PM appears to indicate a PM hour.

4. Press ▶ to confirm. The alarm minute digits flash.

5. Press ▲ or ▼ to select the desired alarm minutes.
6. Press ▶ to confirm. A beep sounds.
7. Press **CLOCK** to enter clock setting mode. If you have not set the clock before, --:-- appears.
8. Hold down **CLOCK** for about two seconds and release. The clock hour digits flash.
9. Press ▲ or ▼ to select the desired clock hour. PM appears to indicate a PM hour.
10. Press ▶ to confirm. The minute digits flash.
11. Press ▲ or ▼ to select the desired clock minutes.
12. Press ▶ to confirm. A beep sounds and the newly set clock time appears on the display.
13. Slide **ALARM ON/OFF/SNOOZE** to the desired alarm function. disappears when set to **OFF**, and appears when set to **ON** or **SNOOZE**.
14. If set to **ON** or **SNOOZE** and alarm time is reached, the alarm sounds.

15. Press **WEATHER/SNOOZE** to postpone the alarm for 10 minutes, or slide **ALARM ON/OFF/SNOOZE** to **OFF** to disable the alarm.

Listening to a Weather Broadcast

1. To listen to a weather broadcast, press **WEATHER**. NOAA appears.
2. Repeatedly press ▲ or ▼ to adjust volume level (1-16). VOL# appears.
3. To turn off the weather broadcast, press **WEATHER**. NOAA disappears.

Using the Alert

Slide **ALERT** to **ON** so an alert sounds when the NWS broadcasts a warning, watch, or statement. 🔊 appears.

To deactivate the alert, slide **ALERT** to **OFF**. Two beeps sound and 🔇 appears.

Setting Alert Tone Level

Repeatedly press ▲ or ▼ to adjust alert tone level. The alert tone sounds and VOL# (1-16) appears. Press **MENU** when finished.

NOTE

- If you programmed more than one FIPS code into memory, be sure the response location is set to MULTIPLE or ALLOC. Otherwise, broadcasts are only received for the FIPS code you stored in the first memory position (SINGLE).
- If severe weather is imminent, do not wait for an alert tone. Turn on the weather broadcast and monitor the weather information.

VIEWING MULTIPLE ALERTS

Your Weatheradio can store up to three different alerts (with overlapping effective times) in memory.

1. If an alert is received while another alert is in effect, the new alert description appears and a corresponding tone sounds.
2. Press ▶ or ◀ to view each alert.
3. Press ▶ to view alerts in the order they were received. For example:

   1st Alert – FLASH FLOOD WARNING effective for 3 hours 15 minutes. The following alert information appears in sequence:

   FLASH FLOOD,WARNING,3 H15M , 3 EVENTS,FLASH

   2nd Alert – HURRICAN WATCH, effective for 15 minutes. The following alert information appears in sequence:

NOTE

While an alert is in effect, the corresponding alert LED lights red for WARNING, yellow for WATCH, green for STATEMENT.

HURRICAN,WATCH,0H15M,3EVENTS

3rd Alert – SPECIALWEATHER STATMENT, effective for 6 hours.

The following alert information appears in sequence:

SPECIAL,WEATHER,STATMENT,
6HOOM,3EVENTS,SPECIAL

4.While reviewing alerts, if you do not press ▶ or ◀ for 30 seconds, the most recently viewed alert information appears on the display.

TROUBLESHOOTING

Problem(s)	Suggestion(s)
No power.	Make sure adapter is connected or batteries are installed.
No sound.	Adjust volume level.
Multiple FIPS codes are stored, but the Weatheradio only responds to weather alert broadcasts for one code.	Make sure the Weatheradio is set to **MULTIPLE**. See “Programming ” on Page 11.
One or more FIPS codes are stored in memory, but the radio responds to weather alert broadcasts for areas not covered by those codes.	Make sure the Weatheradio is not set to **ALL LOC** mode. See “Programming ” on Page 11.
No weather broadcast when you press **WEATHER**.	Make sure the telescoping antenna is fully extended.
	Make sure the Weatheradio is set to the NOAA channel broadcast in your area. See “Programming ” on Page 11.
The Weatheradio©'s continuous alert tone sounds intermittently or warbles.	The Weatheradio constantly monitors the selected channel, even while it is sounding a continuous alert. Each time it receives a signal on the channel, it pauses to compare the signal against those stored in memory. If it pauses frequently, it might cause the continuous alert to sound intermittent. This is not a malfunction.
The radio is not responding properly to NWS weather alert broadcasts.	Make sure you programmed the correct FIPS code(s) in memory. See “Programming ” on Page 11
	Make sure **ALERT ON** icon appears. If not, set the **ALERT ON/OFF** switch to **ALERT ON**.
	Make sure the Weatheradio can receive new alert types. See “Locking Out Undefined Weather Descriptions” on Page 4.
CHECK OP (Check Operation) appears.	The Weatheradio has not received any type of SAME alert signal for about one week.
	Make sure the stored FIPS code(s) are correct. See “Obtaining Your Area’s FIPS Code(s)” on Page 6.
	Make sure the telescoping antenna is fully extended.

THE FCC WANTS YOU TO KNOW

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:	Desktop SAME Weatheradio©
Model:	12-261
Responsible Party:	RadioShack 100 Throckmorton Fort Worth, TX 76102
Phone:	817-415-3200

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 Weatheradio©.

Changes or modifications not expressly approved by RadioShack may cause interference and void the user's authority to operate the equipment.

SPECIFICATIONS

Frequency Coverage

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
Receiving Sensitivity (12 dB SINAD) .....0.3 uV
FIPS Code Sensitivity @ ±3 kHz Deviation/ 90% Success Rate .....0.3 uV
Signal to Noise Ratio .....45 dB
Channel Selectivity .....±25 kHz, 45dB
Audio Output Power (With 9VDC):
Maximum.....250mW
At 10% THD 200mW
Power Source ..... Regulated 9V DC, 300mA, Positive(+) Tip AC Adapter
Use of any other power source may cause damage.
Battery Back-up .....One 9-Volt Battery
Antenna ..... Telescoping Rod Antenna

NWS ALERT DESCRIPTIONS

Alert	1st Display	2nd Display	3rd Display
AVW	AVALANCH	WARNING	
AVA	AVALANCH	WATCH	
BZW	BLIZZARD	WARNING	
CAE	CHILD	ABDUCTIO	EMERGENC
CDW	CIVIL	DANGER	WARNING
CDA	CIVIL	DANGER	WATCH
CEM	CIVIL	EMERGENC	
CFW	COASTAL	FLOOD	WARNING
CFA	COASTAL	FLOOD	WATCH
DMO	DEMO	MESSAGE	
DSW	DUST	STORM	WARNING
EQW	EARTHQKE	WARNING	
EAN	EMERGENC	ACTION	
EAT	EMERGENC	ACTION	TERMINAT
EVI	EVACUATE	IMMEDIAT	
FRW	FIRE	WARNING	
FFS	FLASH	FLOOD	STATMENT
FFW	FLASH	FLOOD	WARNING
FFA	FLASH	FLOOD	WATCH
HMW	HAZARD	MATERIAL	WARNING
HMA	HAZARD	MATERIAL	WATCH
HWW	HIGH	WIND	WARNING
HWA	HIGH	WIND	WATCH
FLS	FLOOD	STATMENT	
FLW	FLOOD	WARNING	
FLA	FLOOD	WATCH	
HLS	HURRICAN	STATMENT	
HUW	HURRICAN	WARNING	
HUA	HURRICAN	WATCH	
IEW	IMMEDIAT	EVACUATE	WARNING

LEW	LAW	ENFORCE	WARNING
LAE	LOCAL	AREA	EMERGENC
NHW	NATIONAL	HAZARD	WARNING
NIC	NATIONAL	INFO	CENTER
NPT	NATIONAL	PERIODIC	TEST
NUW	NUCLEAR	PWR PLNT	WARNING
RHW	RADIOLOG	HAZARD	WARNING
RHA	RADIOLOG	HAZARD	WATCH
RWT	WEEKLY	TEST	
RMT	MONTHLY	TEST	
SVR	SEVERE	THUNDER	WARNING
SVW	SEVERE	THUNDER	WARNING
SVA	SEVERE	THUNDER	WATCH
SVS	SEVERE	WEATHER	STATMENT
SPW	SHELTER	IN-PLACE	WARNING
SMW	SPECIAL	MARINE	WARNING
SPS	SPECIAL	WEATHER	STATMENT
TOR	TORNADO	WARNING	
TOW	TORNADO	WARNING	
TOA	TORNADO	WATCH	
TOE	911	OUTAGE	
TRW	TROPICAL	STORM	WARNING
TRA	TROPICAL	STORM	WATCH
TSW	TSUNAMI	WARNING	
TSA	TSUNAMI	WATCH	
VOW	VOLCANO	WARNING	
VOA	VOLCANO	WATCH	
WSW	WINTER	STORM	WARNING
WSA	WINTER	STORM	WATCH
XXA	UNKNOWN	WATCH	TUNE TV \b
XXW	UNKNOWN	WARNING	TUNE TV \b
XXS	UNKNOWN	STATMENT	TUNE TV \b
XXE	UNKNOWN	EMERGENC	TUNE TV \b

Limited Ninety-Day Warranty

This product is warranted by RadioShack against manufacturing defects in material and workmanship under normal use for ninety (90) days from the date of purchase from RadioShack company-owned stores and authorized RadioShack franchisees and dealers. EXCEPT AS PROVIDED HEREIN, RadioShack MAKES NO EXPRESS WARRANTIES AND ANY IMPLIED WARRANTIES, INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO THE DURATION OF THE WRITTEN LIMITED WARRANTIES CONTAINED HEREIN. EXCEPT AS PROVIDED HEREIN, RadioShack SHALL HAVE NO LIABILITY OR RESPONSIBILITY TO CUSTOMER 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, LOSS OF TIME, DATA, PROPERTY, REVENUE, OR PROFIT OR 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.

In the event of a product defect during the warranty period, take the product and the RadioShack sales receipt as proof of purchase date to any RadioShack store. RadioShack will, at its option, unless otherwise provided by law: (a) correct the defect by product repair without charge for parts and labor; (b) replace the product with one of the same or similar design; 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.

This warranty does not cover: (a) damage or failure caused by or attributable to acts of God, abuse, accident, misuse, improper or abnormal usage, failure to follow instructions, improper installation or maintenance, alteration, lightning or other incidence of excess voltage or current; (b) any repairs other than those provided by a RadioShack Authorized Service Facility; (c) consumables such as fuses or batteries; (d) cosmetic damage; (e) transportation, shipping or insurance costs; or (f) costs of product removal, installation, set-up service adjustment or reinstallation.

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

RadioShack Customer Relations, 200 Taylor Street, 6th Floor, Fort Worth, TX 76102

12/99

12-261
AO0175AAA1
09A03
Printed in China