

First Alert[®]

AM/FM WEATHER BAND CLOCK RADIO
WITH S.A.M.E. WEATHER ALERT



USER MANUAL SFA1150

PLEASE READ THIS USER MANUAL COMPLETELY BEFORE
OPERATING THIS UNIT AND RETAIN IT FOR FUTURE REFERENCE

DEAR FIRST ALERT® CUSTOMER

Selecting fine audio equipment such as the unit you've just purchased is only the start of your musical enjoyment. Now it's time to consider how you can maximize the fun and excitement your equipment offers. This manufacturer and the Electronic Industries Association's Consumer Electronics Group want you to get the most out of your equipment by playing it at a safe level. One that lets the sound come through loud and clear without annoying blaring or distortion and, most importantly, without affecting your sensitive hearing.

Sound can be deceiving. Over time your hearing "comfort level" adapts to higher volumes of sound. So what sounds "normal" can actually be loud and harmful to your hearing. Guard against this by setting your equipment at a safe level BEFORE your hearing adapts.

To establish a safe level:

- Start your volume control at a low setting.
- Slowly increase the sound until you can hear it comfortably and clearly, and without distortion.

Once you have established a comfortable sound level:

- Set the dial and leave it there.

Taking a minute to do this now will help to prevent hearing damage or loss in the future. After all, we want you listening for a lifetime.

We Want You Listening For a Lifetime

Used wisely, your new sound equipment will provide a lifetime of fun and enjoyment. Since hearing damage from loud noise is often undetectable until it is too late, this manufacturer and the Electronic Industries Association's Consumer Electronics Group recommend you avoid prolonged exposure to excessive noise.

Customer's Record:

The serial number of this product is found on its bottom cover. You should note the serial number of this unit in the space provided as a permanent record of your purchase to aid in identification in the event of theft or loss.

Model Number: SFA1150

Serial Number: _____

IMPORTANT SAFETY INSTRUCTIONS

When used in the directed manner, this unit has been designed and manufactured to ensure your personal safety. However, improper use can result in potential electrical shock or fire hazards. Please read all safety and operating instructions carefully before installation and use, and keep these instructions handy for future reference. Take special note of all warnings listed in these instructions and on the unit.

1. Read these instructions – All the safety and operating instructions should be read before the appliance is operated.
2. Keep these instructions – The safety and operating instructions should be kept for future reference.
3. Heed all warnings – All warnings on the appliance and in the operating instructions should be adhered to.
4. Follow all instructions – All operation and use instructions should be followed.
5. Do not use this apparatus near water – The appliance should not be used near water; for example, near a bath tub, washbowl, kitchen sink, laundry tub, in a wet basement, or near a swimming pool.
6. Clean only with dry cloth – The appliance should be cleaned only as recommended by the manufacturer.
7. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
8. Only use attachments / accessories specified by the manufacturer.
9. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
10. This appliance shall not be exposed to dripping or splashing water and that no object filled with liquids such as vases shall be placed on the apparatus.
11. Power Sources – The appliance should be connected to a power supply only of the type described in the operating instructions or as marked on the appliance. Do not overload wall outlet.
12. Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type.
13. Do not attempt to dismantle, open or repair this product yourself. If a fault occurs, seek advice from your local qualified service technician or contact the distributor via the telephone number at the back of this instruction manual.
14. Caution marking and nameplate are located on bottom of product.

COMPLIANCE WITH FCC REGULATIONS

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.

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:

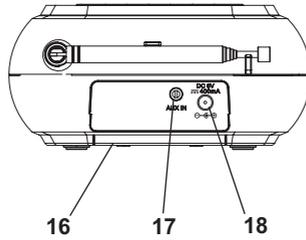
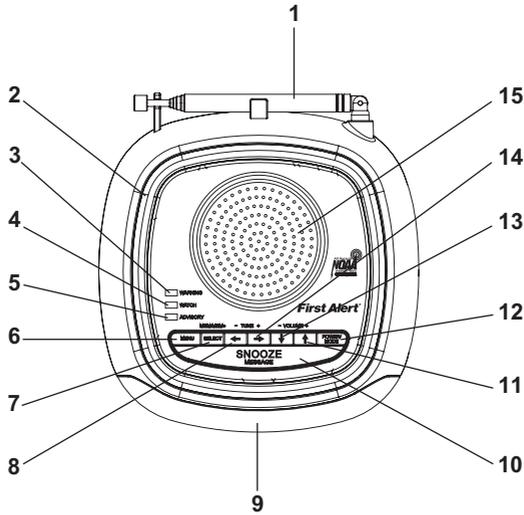
- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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

SPECIAL NOTE

This model is equipped with non-skid rubber 'feet' to prevent the product from moving when you operate the controls. These 'feet' are made from non-migrating rubber material specially formulated to avoid leaving any marks or stains on your furniture. However certain types of oil based furniture polishes, wood preservatives, or cleaning sprays may cause the rubber 'feet' to soften, and leave marks or a rubber residue on the furniture. To prevent any damage to your furniture we strongly recommend that you purchase small self-adhesive felt pads, available at hardware stores and home improvement centers everywhere, and apply these pads to the bottom of the rubber 'feet' before you place the product on fine wooden furniture.

LOCATION OF CONTROLS



1	TELESCOPIC ANTENNA	15	SPEAKER
2	ALERT INDICATOR RING	16	BATTERY COMPARTMENT
3	WARNING ALERT INDICATOR	17	AUX-IN Jack
4	WATCH ALERT INDICATOR	18	DC-IN Jack
5	ADVISORY ALERT INDICATOR	19	LOW BATTERY INDICATOR
6	MENU Button	20	ALERT INDICATOR
7	SELECT / MEMORY/MEM+ Button	21	WEATHER RADIO MODE INDICATOR
8	MOVE LEFT ← / TUNE- Button	22	FM RADIO MODE INDICATOR
9	LCD DISPLAY	23	AM RADIO MODE INDICATOR
10	SNOOZE / ALERT MESSAGE Button	24	PM TIME INDICATOR
11	MOVE UP ↑ / VOLUME UP (+) Button	25	ALARM INDICATOR
12	POWER On/Standby / MODE Button	26	TONE ALERT INDICATOR
13	MOVE DOWN ↓ / VOLUME DOWN (-) Button	27	VOICE ALERT INDICATOR
14	MOVE RIGHT → / TUNE+ Button	28	MULTI-FUNCTION DISPLAY

POWER SOURCE

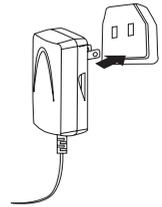
This unit operates using the included AC-DC Adaptor or on 4 X AA batteries (not included).

If the low battery icon  appears on the display, install or replace fresh “AA” batteries.

AC POWER OPERATION

An AC-DC Adaptor with the output 6V DC 400mA (included) is required for operating the main unit in AC power mode.

- 1.) To connect the AC-DC Adaptor to the unit, firmly and securely insert the DC plug of the adaptor into the DC Jack located on the left hand side of the back of the unit.
- 2.) Plug the AC-DC Adaptor plug into a household AC outlet that supplies 120V AC ~ 60Hz. Connecting this system to any other power source may cause damage to the system.



NOTE: When the AC-DC adaptor is connected to the DC Jack, the batteries are automatically disconnected. Be sure to use an AC-DC adaptor with a rating of 6V DC, 400 mA and with the following polarity (center positive):



If you are using a universal adaptor with an output polarity switch or polarized plugs, be sure to set the polarity of the center plug to positive "+".

BATTERY OPERATION

1. Open the Battery Door on the bottom of the radio.
2. Following the polarity (+ and -) diagrams shown inside the battery compartment, insert 4 'AA' (UM-3) batteries (not included).

Note: For optimum performance, alkaline-type batteries are recommended.

3. Replace the Battery Door.

IMPORTANT: Be sure that the batteries are installed correctly. Wrong polarity may damage the unit.



⚠ BATTERY NOTE AND CARE

- Danger of explosion if the battery is replaced incorrectly. Replace only with the same or equivalent type.
- Do not mix old and new batteries.
- Do not mix alkaline, standard (carbon-zinc) or rechargeable (nickel-cadmium) batteries.
- If the unit is not to be used for an extended period of time, remove the battery. Any old or leaking battery can cause damage to the unit and may void the warranty.
- Do not dispose of batteries in fire, batteries may explode or leak.
- Do not try to recharge batteries not intended to be recharged; they can overheat, rupture and leak (Follow battery manufacturer's directions).
- Only an adult should replace the batteries.

LOW BATTERY INDICATOR

When using battery power to operate this unit and the battery power becomes weak, the low battery icon  will appear on the display. We recommend you replace the exhausted batteries immediately.

The low battery icon  will also appear on the display if you are using the AC adaptor, and do not have batteries installed.

NOTE: The speaker is not magnetically shielded and may cause color distortion on the screen of some TVs or video monitors. To avoid this, you may need to move the unit further away from the TV or monitor if unnatural color shifts or image distortion occurs.

CHANGE DISPLAY BACKLIGHT

SETTING THE LCD BACKLIGHT

1. Press the **MENU** button, and "TIME" is shown on the display.
2. Tap the **↑** or **↓** button until "DISPLAY BACKLIGHT" is showing on the display.
3. Tap the **SELECT** button to show the current BACKLIGHT setting.
4. Tap the **↑** or **↓** button to choose "HIGH", "MIDDLE" or "LOW" for LCD backlight brightness.
5. Press the **SELECT** button to save your BACKLIGHT setting.
6. Press **MENU** button to exit.

SETTING THE CLOCK

When the unit is in standby mode:

SETTING THE CLOCK

1. Press the **MENU** button, and "TIME" is shown on the display.
2. Press the **SELECT** button, and the hour digits will begin to flash.
3. Tap the **MOVE UP ↑** or **MOVE DOWN ↓** button to set the hour digit(s). Press and hold the buttons to speed up the forward or reverse scanning of the digits.
Note: If you are setting a **PM** time, make sure the hour is set so that the **PM** indicator is displayed correctly.
4. Tap the **MOVE LEFT ←** or **MOVE RIGHT →** buttons to select the Minutes setting after the hour is set, the Minute digits will be flashing to prompt for input.
5. Tap the **↑** or **↓** buttons to set the minute digit(s). Press and hold the buttons to speed up the forward or reverse scanning of the digits.
6. Tap the **SELECT** button to finish the clock setting.
7. Tap the **MENU** button to exit the setting mode.

Note: If the unit was reset, the batteries go dead, or if the AC adaptor was disconnect, and no batteries are installed, you need to set the clock again.

ALARM SETTING

SETTING THE ALARM TIME

1. In standby mode, press the **MENU** button once, and "TIME" is shown on the display.
2. Tap the **MOVE UP ↑** button to advance to the "ALARM" setting. The default alarm time 6:00 is displayed.
3. Tap the **SELECT** button and "OFF" will display, tap the **↑** or **↓** button to turn on the alarm. The Alarm indicator  appears on display.
4. Tap the **SELECT** button again, hour digits will begin to flash.
5. Tap the **↑** or **↓** button to set the hour value. Press and hold the buttons to speed up the forward or reverse scanning of the digits.
Note: Make sure the hour is set so that the **PM** indicator is displayed correctly.
6. Tap the **←** or **→** button to select Minute after the hour is set, Minute digits flashing to prompt for input.
7. Tap the **SELECT** button after the minute is set. Alarm wake up source is flashing to prompt for input.
8. Tap the **↑** or **↓** button to select wake to Beep, FM, AM or WEATHER BAND alarm.
9. Tap the **SELECT** button to finish alarm setting.
10. Tap the **MENU** button to exit setup menu.

Wake to ALARM, FM, AM or WEATHER RADIO

1. The Alarm (or FM, AM, Weather radio) will automatically turn on when alarm time is reached. The volume level of the Alarm (or FM, AM, Weather radio) increases gradually until it reaches the factory preset level. The Alarm (or FM, AM, Weather radio) sounds for 30 minutes and then turn off automatically if the SNOOZE or MENU buttons are not pressed.

Note: The VOLUME ↑ or ↓ buttons will adjust the FM, AM and Weather radio volume levels, but not the alarm level.

2. To stop the Alarm (or FM, AM, Weather radio) immediately, tap the **MENU** button to turn it off, and will reset it for the next day.

Notes:

- You must tune to your desired radio station (AM, FM or Weather) first before starting to set the alarm time and selecting wake up mode.
- The selected wake alarm will ring again at the same time each day unless it's disabled.

SNOOZE FUNCTION

- When the alarm sounds, it can be temporarily stopped by pressing the SNOOZE button.

The Alarm indicator  will be flashing.

- The alarm will be silenced for 9 minutes and then come again.
- This manual snooze operation can be repeated again and again when the selected alarm is sounding.
- To turn off the snooze function immediately, tap the **POWER** button once.

LISTENING TO THE RADIO

1. Tap the **POWER/MODE** button to turn on the unit.
2. Tap the **POWER/MODE** button repeatedly to select AM, FM or Weather band. The radio indicator displays in the sequence below.



3. To manually tune to a desired station, repeatedly tap the **TUNE+ / -** button.
4. To automatically search for stations with strong signals, press and hold the **TUNE+ / -** button until the frequency digits on the display begin to scan, then release the button. The tuner will stop on the first strong signal it finds.
5. Press the **VOLUME+ / -** button to obtain the desired sound level.
6. Press and hold the **POWER/MODE** button on the unit to turn unit into standby mode after listening.

Notes:

- Manual tune to select weaker stations that might be skipped during automatic tuning.
- If the automatic tuning does not stop on the exact frequency of the station, for example, it stops on 88.9 MHz instead of 88.8 MHz, use the manual tuning method to "fine tune" to the exact frequency of the desired station.
- In AM/FM radio mode, tuning frequency will be displayed for about 8 seconds before revert to display the clock time.

HINTS FOR BEST RECEPTION:

- The AM antenna is located inside the cabinet of the unit. If AM reception is weak, change the position of unit until the internal antenna picks up the strongest signal.
- To insure maximum FM tuner reception, the Telescopic Antenna should be fully extended and rotated to obtain the best possible station reception.

PRESET RADIO STATIONS

This unit has 10 preset memories for the AM radio and 10 preset for FM.

1. Tap the **POWER** button to turn the unit ON.
2. Tap the **MODE** button repeatedly to select AM or FM mode.
3. Tune to the desired radio station either by “manually” or “automatically” tuning method.
4. Press and hold the memory **MEM** button to enable the program function. The preset number “ CHANNEL 01” will show on the LCD display and flash.
5. Tap the **↑** or **↓** button to select the preset number you want to assign the station to.
6. Press and hold the **MEM** button to save the station, channel number stops flashing.
7. Repeat above steps 3-6 to store other stations.

Note: If you select an existing preset memory, the new radio station frequency will replace the existing one.

RECALLING PRESET MEMORY CHANNELS

In AM/FM radio mode, recall the pre-set channels by tapping the **MEM+** button repeatedly.

WEATHER BAND

1) Weather Radio

1. Tap the **POWER** button to turn on the unit.
2. Tap the **MODE** button to select the "WB" icon, and it will show on the display.
3. Tap the **TUNE+ / -** button to select the weather band channel for your area.
4. Press the **VOLUME+/-** button to obtain the desired sound level.
5. To turn the radio off, press and hold the **POWER** button.

Weather Band Channel Frequency Table

CHANNEL	FREQUENCY(MHz)
CH1	162.400
CH2	162.425
CH3	162.450
CH4	162.475
CH5	162.500
CH6	162.525
CH7	162.550

Note: With regard to the NOAA Weather Band: You need to identify which channel receives your local weather report. When you change locations either to another city or state, you may need to choose a different band to get the local report in that location.

HINTS FOR BEST RECEPTION:

- To insure maximum weather band reception, the Telescopic Antenna should be fully extended and rotated to obtain the best possible station reception.

- Note:** 1.) The radio will continue to drain the battery if it's left in Weather Standby Mode, so it is highly recommended that you use AC adaptor(included) to prevent the battery from completely draining and turning the radio off while in use.
- 2.) NOAA Weather band is a service broadcast of the U.S. Government and available in all 50 states, Puerto Rico and the U.S. Virgin Islands.
- 3.) The NOAA Weather Service broadcasts a test alert every Wednesday between 11 am and Noon. To receive the broadcasts, the radio must be within the range of the local broadcast site, 10 - 40 miles, depending on terrain and obstructions.

To learn more:

Or find the weather band channel for your area, go to: <http://www.nws.noaa.gov/nwr/> for NOAA (National Oceanic & Atmospheric Administration) and <http://www.ec.gc.ca/> for Environment Canada.

USING NWR S.A.M.E. Function

The S.A.M.E (Specific Area Message Encoder) function allows you to receive alerts for specific counties, or for certain types of watches, advisories or warnings, and screen out alerts that are not specific to your area.

To use the S.A.M.E. function, you must program your county, parish, independent city or marine area into the radio. Do NOT program your radio for a louder or clearer station not designated as a S.A.M.E. channel. You will not receive alerts. Once programmed, your NWR will then alert you **only** of weather and other emergencies for the county(s)/ area(s) you chose. NWR receivers with SAME, alert for emergencies anywhere within the coverage area of the NWR transmitter, typically several counties, even though the emergency could be well away from the listener.

- When an NWS office broadcasts a warning, watch or non-weather emergency, it also broadcasts a digital S.A.M.E. code that may be heard as a very brief static burst, depending on the characteristics of the receiver. This SAME code contains the type of message, county(s) affected, and message expiration time.
- A programmed NWR S.A.M.E. receiver will turn on for that message, with the listener hearing the 1050 Hz warning alarm tone as an attention signal, followed by the broadcast message.
- At the end of the broadcast message, listeners will hear a brief digital end-of-message static burst followed by a resumption of the NWR broadcast cycle.

S.A.M.E. is also used in the Emergency Alert System (EAS). Using S.A.M.E., broadcasters may receive NWR warning messages for rebroadcast in accordance with EAS rules.

To learn more about the S.A.M.E. feature:

Go to: <http://www.nws.noaa.gov/nwr/same.htm>

County Codes for Programming Your Receiver

To program NWR S.A.M.E. receivers with the proper county(s) and marine area(s) of choice, you need to know the 6-digit SAME code number. Then follow the directions in your radio's user's manual. You can get your SAME number two ways:

- Online at the website: <http://www.nws.noaa.gov/nwr/indexnw.htm>
- By telephone at 1-888-NWR-SAME (1-888-697-7263) for a voice menu

PROGRAMMING YOUR S.A.M.E. COUNTY CODES

The SFA1150 Weather Alert Radio is preset to receive "ANY" alerts and transmissions that are broadcast. If you want to receive all the alerts that are broadcast by NOAA, leave the "COUNTY" setting on "ANY". For more options, follow the menu selections below.

Note: All programming can only be done when unit is in standby mode.

Customizing the S.A.M.E. County Code settings

For "ANY" S.A.M.E. Code (Receive All Counties)

1. Press the **MENU** button, and "TIME" is shown on the display.
2. Tap the **↑** button twice, "COUNTY" is shown on the display.
3. Tap the **SELECT** button to select county code, the default setting is "ANY", and should be displayed.
4. Tap the **↑** or **↓** button to select "ANY" if "SINGLE" or "MULTIPLE" is showing.
5. Once "ANY" is showing, tap the **SELECT** button to save your setting,
6. Tap the **MENU** button to exit.
7. The SFA1150 will alert anytime there is a warning/watch/advisory for all the counties covered by the NOAA broadcast you are monitoring.

IMPORTANT: You must to have the S.A.M.E. County Codes for the area you want to monitor prior to setting the "SINGLE" or "MULTIPLE" codes below. Please read the "County Codes for Programming Your Receiver" section of this manual for information on how to obtain the codes before proceeding.

For "SINGLE" S.A.M.E. Code (Receive One County)

1. In COUNTY Mode ("COUNTY" is shown on the display), tap the **↑** or **↓** button to select "SINGLE". Tap the **SELECT** button, and the display will show "SAME 01".
2. Tap the **SELECT** button again to program your 6 digit county code. The first digit space will start blinking.

3. Tap the **↑** button to scroll through digits 0-9 to input the first digit; it should always be set to "0".
4. Tap the **→** button to save each digit and move to next digit setting until all six digits have been set.
5. Tap the **SELECT** button to save your "SINGLE" county code, then tap the **MENU** button to exit.
6. The SFA1150 will only alert you when there is a warning/watch/advisory for the one county you entered the S.A.M.E. code for, as long as it is within the area covered by the NOAA broadcast you are monitoring.

For "MULTIPLE" S.A.M.E. Code (Receive Multiple Counties)

1. In COUNTY Mode ("COUNTY" is shown on the display), tap the **↑** or **↓** button to select "MULTIPLE". Tap the **SELECT** button, and the display will show "SAME 01".
2. Tap the **SELECT** button again to program your 6 digit county code for the first county you want to add. The first digit space will start blinking
3. Use the **↑** arrow to scroll through digits 0-9 to input the first digit, it should always be set to "0".
4. Tap the **→** button to save each digit and advance to next digit until all six digits have been set.
5. Tap **SELECT** button to save your "MULTIPLE" code to SAME 01.
6. Tap the **↑** or **↓** button to select SAME 02.
7. Repeat above steps 2-5 to program another county code. You can program up to 25 county codes.
8. Press **SELECT** button to save your **S.A.M.E** code,
9. Tap the **MENU** button 3 times to exit.
10. The SFA1150 will only alert you when there is a warning/watch/advisory for the individual counties you entered the S.A.M.E. codes for, as long as it is within the area covered by the NOAA broadcast you are monitoring.

Notes: The display will automatically revert to clock when no buttons are passed for more than 55 seconds.

Helpful Tips:

The S.A.M.E code is created using the following method:

- The first digit is the sub-county code, 0 in most areas.
- The second two digits represent the state code.
- The last three digits represent the county code.

CHOOSE AN ALERT TYPE (DISPLAY, VOICE or TONE)

1. Press the **MENU** button, and "TIME" is shown on the display.
2. Tap the **↑** button repeatedly until "ALERT TYPE" is shown on the display.
3. Tap the **SELECT** button to enter the "ALERT TYPE" selection mode.

4. Tap the **↑** or **↓** button to select “**DISPLAY**”, “**VOICE**” or “**TONE**” alert mode and then tap the **SELECT** button again to save.
5. Tap the **MENU** button to exit.
6. When an alert is received you are able to silence the alert manually by tapping the **POWER / MODE** button. The unit will sound again the next time an alert is received.

ALERT TYPE OPTIONS

- “**DISPLAY**” Alert = No audible sound will be heard when an alert is received, and only a text alert will scroll on the display.
EXCEPTION: When the SFA1150 is set to “**DISPLAY**” Alert, the alert tone siren will still sound if one of the alerts marked with an asterisk “ * ” on the “**SELECTABLE ALERT REFERENCE CHART**” below is received.
- “**VOICE**” Alert = The alert tone siren will sound for 8 seconds, and then automatically switch to the NOAA weather broadcast. The NOAA broadcast will continue until the NWR end-of-message code is received.
- “**TONE**” Alert = The alert tone siren will sound for 5 minutes or until you press any button to silence it. The volume of alert tone siren is fixed and cannot be adjusted with the VOLUME +/- control button.

ALERT INDICATOR LIGHTS

The Alert indicator lights on top of the unit will flash whenever an alert is received and then stay on solid for the duration of the alert. The indicators will light in different colors based on the type of alert received.

- **WARNING** Alert received – the Alert indicator lights flash **RED**, and then stay lit while the warning is in effect.
- **ADVISORY** Alert received – the Alert indicator lights flash **YELLOW**, and then stay lit while the advisory is in effect.
- **WATCH** Alert received – the Alert indicator lights flash **ORANGE**, and then stay lit while the watch is in effect.

After an alert is received, tap any button on the unit to stop LED flashing. LED changes to light steadily. Tap the SNOOZE/MESSAGE button repeatedly to view activating alerts if any. you can temporarily turn off the indicator lights by press and hold the SNOOZE/MESSAGE button on the unit for 3 seconds. The alert message will continue to scroll on the display until the alert expires. The Alert indicator lights will turn on again when another alert is received.

DEFEATING AN ALERT TONE

1. Press the **MENU** button, and “**TIME**” is shown on the display.
2. Tap the **↑** or **↓** button repeatedly until “**DEFEAT SIREN**” is displayed.
3. Tap the **SELECT** button to enter selection mode.
4. Tap the **↑** or **↓** button to scroll through pre-defined event codes.
5. Tap the **SELECT** button to choose an event code that is relevant to your area, and that you want to manually “**ENABLE**” or “**DISABLE**”
 - “**ENABLE**” will turn that event alert ON.
 - “**DISABLE**” will turn that event alert OFF.

6. Tap the **↑** or **↓** button to select ENABLE or DISABLE.
7. Tap the **SELECT** button to save the change.
8. Repeat above steps 4-7 if there are more event codes you want to modify.
9. Tap the **MENU** button to exit.

Note: The **DEFEAT ALERT TONE** feature relates to an event, which may occur in your specific area, but might not be relevant to where you live. **Example:** SMW= Special Marine Warning. If you live in an area near a large body of water, and you are far enough away that those conditions will not affect your area, you can choose to DISABLE that alert. When disabled, the SFA1150 will ignore Special Marine Warnings that are broadcast by NOAA. See the **“SELECTABLE ALERT REFERENCE CHART”** section in this manual for a list of the pre-defined events loaded in this radio. The list is in alphabetical order to determine which events can be disabled. **Events marked with an asterisk “*” on the “SELECTABLE ALERT REFERENCE CHART” cannot be disabled.**

NOAA WEEKLY ALERT TESTS

The default setting for the weekly NOAA alert test signal is “DISABLED”. If you wish to receive the weekly test alert signal from NOAA, you need to manually “ENABLE” the “Required Weekly Test” (RWT) setting under the “DEFEAT SIREN” menu. See the **“DEFEATING AN ALERT TONE”** section in this manual for more information on how to ENABLE the setting. See the **“SELECTABLE ALERT REFERENCE CHART”** section in this manual for more information on other settings available.

TESTING THE ALERT TONE SIREN

1. Press the **MENU** button, and “TIME” is shown on the display.
2. Tap the **↑** or **↓** button until “ALERT TEST” is displayed.
3. Tap the **SELECT** button to sound the alert tone siren.
4. Tap the **SELECT** again to silence the alert tone siren.
5. Tap the **MENU** button to exit.

ADDING A NEW ALERT

The New Alert function can be used to customize currently undefined future events rather than only display as ??A = Unrecognized Watch, ??E = Unrecognized Statement, or ??W = Unrecognized Warning.

If a new event becomes defined or anticipated, you can program it by doing the following:

1. Press the **MENU** button, and “TIME” is shown on the display.
2. Tap the **↑** or **↓** button until “NEW ALERTS” is displayed.
3. Tap the **SELECT** button, and the display will show “EVENT 1”
4. Tap the **SELECT** button again, “000” is displayed and the first character space will start blinking.

Note: These three characters are the event code. Pre-defined codes cannot be saved as new alerts. See the **“SELECTABLE ALERT REFERENCE CHART”** section in this manual for a list of pre-defined 3 letter event codes.

5. Tap the **↑** arrow to program the first character (A-Z, then 0-9) then **➡** arrow to move to second and third characters.
6. Tap the **SELECT** button to save the event code.

Note: If the code was a pre-defined code the words “THE EVENT NAME ALREADY EXISTS” will be displayed for a short time and then “---” is displayed again. If this happens, use an new event code does not listed in the chart and repeat step 5.

7. After successfully saving an event code “-- -- -- -- --” is displayed and the first character space will start blinking for programming a user defined event code description up to 11 characters in length. Refer to step 5 above to name the event with up to 11 characters. For Example: “TSA THREAT.”
8. Tap the **SELECT** button after the event code description is set, “ADVISORY” will start blinking in the display. Tap the **↑** or **↓** buttons to change the event level from “ADVISORY” to “WARNING” or “WATCH”.
9. Tap the **SELECT** button to save your settings.
10. Tap the **↑** or **↓** button to select another event number for programming if necessary. Repeat the above steps 4-9 to program up to 5 new alert events.
11. After a new alert is set-up, tap the **MENU** button twice to exit.

selectable alert reference chart

Event Code	Event Description	Level	Default Volume	Default Enable/Didable
ADR	Administrative Message	Advisory	Low	Disable
AVA	Avalanche Watch	Watch	High	ENABLE
AWW	Avalanche Warning	Warning	High	ENABLE
BHW	Biological Hazard Warning	Warning	High *	ENABLE *
BWW	Boil Water Warning	Warning	High	ENABLE
BZW	Blizzard Warning	Warning	High	ENABLE
CAE	Child Abduction Emergency	Advisory	Low	ENABLE
CDW	Civil Danger Warning	Warning	High *	ENABLE *
CEM	Civil Emergency Message	Warning	High *	ENABLE *
CFA	Coastal Flood Watch	Watch	High	ENABLE
CFW	Coastal Flood Warning	Warning	High	ENABLE
CHW	Chemical Hazard Warning	Warning	High *	ENABLE *
CWW	Contaminated Water Warning	Warning	High *	ENABLE *
DBA	Dam Watch	Watch	High	ENABLE
DBW	Dam Break Warning	Warning	High *	ENABLE *
DEW	Contagious Disease Warning	Warning	High *	ENABLE
DMO	Practice / Demo	Advisory	Low	Disable
DSW	Dust Storm Warning	Warning	High	ENABLE
EAN	Emergency Action Notification	Warning	High *	ENABLE *
EAT	Emergency Action Termination	Advisory	High *	ENABLE *
EQW	Earthquake Warning	Warning	High *	ENABLE *
EVI	Immediate Evacuation	Warning	High *	ENABLE *
EVA	Evacuation Watch	Watch	High	ENABLE
FCW	Food Contamination Warning	Warning	High *	ENABLE *
FFA	Flash Flood Watch	Watch	High	ENABLE
FFS	Flash Flood Statement	Advisory	Low	ENABLE
FFW	Flash Flood Warning	Warning	High	ENABLE

Event Code	Event Description	Level	Default Volume	Default Enable/Didable
FLA	Flood Watch	Watch	High	ENABLE
FLS	Flood Statement	Advisory	Low	ENABLE
FLW	Flood Warning	Warning	High	ENABLE
FRW	Fire Warning	Warning	High	ENABLE
FSW	Flash Freeze Warning	Warning	High	ENABLE
FZW	Freeze Warning	Warning	High	ENABLE
HLS	Hurricane Statement	Advisory	Low	ENABLE
HMW	Hazardous Materials Warning	Warning	High *	ENABLE *
HUA	Hurricane Watch	Watch	High	ENABLE
HUW	Hurricane Warning	Warning	High *	ENABLE *
HWA	High Wind Watch	Watch	High	ENABLE
HWW	High Wind Warning	Warning	High	ENABLE
IBW	Iceberg Warning	Warning	High	ENABLE
IFW	Industrial Fire Warning	Warning	High *	ENABLE *
LAE	Local Area Emergency	Advisory	Low *	ENABLE *
LEW	Law Enforcement Warning	Warning	High *	ENABLE *
LSW	Land Slide Warning	Warning	High *	ENABLE *
NAT	National Audible Test	Advisory	Low	Disable
NIC	National Information Center	Advisory	Low	Disable
NMN	Network Notification Message	Advisory	Low	Disable
NPT	National Periodic Test	Advisory	Low	Disable
NST	National Silent Test	Advisory	Low	Disable
NUW	Nuclear Power Plant Warning	Warning	High *	ENABLE *
POS	Power Outage Advisory	Advisory	Low	ENABLE
RHW	Radiological Hazard Warning	Warning	High *	ENABLE *
RMT	Required Monthly Test	Advisory	Low	Disable
RWT	Required Weekly Test	Advisory	Low	Disable
SMW	Special Marine Warning	Warning	High	ENABLE
SPS	Special Weather Statement	Advisory	Low	ENABLE

Event Code	Event Description	Level	Default Volume	Default Enable/Didable
SPW	Shelter In-Place Warning	Warning	High *	ENABLE *
SVA	Severe Thunderstorm Watch	Watch	High	ENABLE
SVR	Severe Thunderstorm Warning	Warning	High	ENABLE
SVS	Severe Weather Statement	Advisory	Low	ENABLE
TOA	Tornado Watch	Watch	High	ENABLE
TOE	911 Telephone Outage Emergency	Advisory	Low	ENABLE
TOR	Tornado Warning	Warning	High *	ENABLE *
TRA	Tropical Storm Watch	Watch	High	ENABLE
TRW	Tropical Storm Warning	Warning	High *	ENABLE *
TSA	Tsunami Watch	Watch	High *	ENABLE *
TSW	Tsunami Warning	Warning	High *	ENABLE *
TXB	Transmitter Backup On	Advisory	Low	Disable
TXF	Transmitter Carrier Off	Advisory	Low	Disable
TXO	Transmitter Carrier On	Advisory	Low	Disable
TXP	Transmitter Primary On	Advisory	Low	Disable
VOW	Volcano Warning	Warning	High *	ENABLE *
WFA	Wild Fire Watch	Watch	High	ENABLE
WFW	Wild Fire Warning	Warning	High *	ENABLE *
WSA	Winter Storm Watch	Watch	High	ENABLE
WSW	Winter Storm Warning	Warning	High	ENABLE
??A	Unrecognized Watch	Watch	High	ENABLE
??E	Unrecognized Emergency	Advisory	Low	ENABLE
??S	Unrecognized Statement	Advisory	Low	ENABLE
??W	Unrecognized Warning	Warning	High *	ENABLE *

notes: The "Low" and "High" listed on the chart represents the default alert volume level.

The "Disable" and "Enable" listed on the chart represents the default of Events. The events notated with an asterisk "*" have been automatically set (users are not required to set), thus they are not shown in the "DEFEAT SIREN" or "SIREN LEVEL" menus.

REVIEWING AN ALERT MESSAGE

The SFA1150 S.A.M.E Weather Alert Radio can store up to 10 different alerts (with overlapping effective times) in memory. If the radio receives a new alert while a previous alert is still active, it automatically overrides and displays the new alert in scrolling text. The indicator lights will also change to the new alert received.

To review past alerts that are still in effect, tap the SNOOZE/MESSAGE button repeatedly to scroll through the last 10 active alerts stored in memory. The indicator lights will also change based on the alert that is showing in memory. Once an alert expires, "NO MESSAGE" will be displayed if there are no active alerts in memory.

LOAD DEFAULT

If you forget some of your settings or want to clear all your previous settings, you may need to go through a "LOAD DEFAULT" procedure to reset the SFA1150 back to its factory settings.

1. Press the **MENU** button, and "TIME" is shown on the display.
2. Tap the **↑** or **↓** button until "LOAD DEFAULT" is displayed.
3. Tap the **SELECT** button to enter the setting mode, a blinking "NO" will show on the display.
4. Tap the **↑** or **↓** button to select "YES" and then tap the **SELECT** button to confirm. Wait for few seconds, and the unit will erase all your settings and restore the unit to its factory defaults. "COUNTY" is displayed for initial setup. You can do some basic set-up by following the instructions below or tap the **SELECT** button repeatedly to exit and do a set-up from the main unit.
Note: Tapping the **MENU** button during "LOAD DEFAULT" set-up will not exit to the main Menu. You must finish the whole set-up procedure or tap the **SELECT** button repeatedly to exit to standby mode.
5. Tap the **SELECT** button and follow instruction in "**Customizing the S.A.M.E County Code settings**" section" to set the county in your area.
6. Tap the **SELECT** button after county is set, "TIME" menu is displayed for setup.
7. Tap the **SELECT** button again to set time, hour digits are flashing, follow the instructions in **CLOCK SETTING** section to set the clock.
8. Tap **SELECT** button to finish clock setting, weather band "CHANNEL" is displayed for setup.
9. Tap the **SELECT** button again, weather band CH 04 will display. Tap the **↑** or **↓** button to select weather band in your area if necessary.
10. Tap the **SELECT** button to finish the setup, unit will return to standby mode with clock display.

AUXILIARY INPUT

AUXILIARY INPUT

This unit provides an auxiliary audio signal input jack for connecting external audio devices like MP3 players and CD players and to listen to them through the speakers of this unit.

1. Use an audio cable (not included) with one 3.5 mm stereo plug on each end.
2. Plug one end into the **AUX-IN Jack** on the main unit and the other end of the cable into the Line-out Jack or Headphone Jack of your external audio device.
3. Turn on the unit and external audio device.
4. To select the auxiliary audio input, tap the **POWER/MODE** button repeatedly to select AUX mode. "AUX" appears on the LCD display.
5. The volume level can now be controlled through the main unit. Operate all other functions from the external audio device itself.
6. Press and hold the **POWER/MODE** button for about 2 seconds to turn the unit OFF.

Notes:

- If you connect this unit to the Line-Out Jack of your external device, then you only need to adjust the volume control of this unit. If you connect this unit to the Headphone Jack of your external device, you may need to adjust both the volume control of your external device and the volume control of this unit to find the most desirable volume setting.
- Remember to turn the power of the external audio device OFF after use.

RESETTING YOUR CLOCK RADIO

If the system does not respond or exhibits erratic or intermittent operation, you may have experienced an electrostatic discharge (ESD) or a power surge that triggered the internal microcontroller to shut down automatically. If this occurs, simply disconnect the AC Adaptor and remove the batteries. Wait at least 1 minute and then set-up the unit again as if you were using it for the very first time.

CARE AND MAINTENANCE

1. Do not subject the unit to excessive force, shock, dust or extreme temperature.
2. Do not tamper the internal components of the unit.
3. Clean your unit with a damp (never wet) cloth. Solvent or detergent should never be used.
4. Avoid leaving your unit in direct sunlight or in hot, humid or dusty places.
5. Keep your unit away from heating appliances and sources of electrical noise such as fluorescent lamps or motors.

CAUTION: Never allow any water or other liquids to get inside the unit while cleaning.

TROUBLESHOOTING GUIDE

If you experience difficulties in the use of this music system please check the following or call 1-800-777-5331 for Customer Service.

Symptom	Possible Cause	Solution
The unit does not respond (no power) Power is not on	The unit is disconnected from the AC outlet.	Reconnect to the AC outlet.
	The AC outlet has not power.	Try the unit on another outlet.
	The "AA" batteries are exhausted.	Replace all 4 "AA" batteries with fresh ones.
No/low sound when power on the radio	VOLUME control is set to minimum.	Adjust the VOLUME control.
	Station has not been tuned properly.	Tune the station properly.
	FM reception is weak.	Extend and rotate the telescopic antenna.
	AM reception is weak.	Relocate the position of the unit.
	Unit in Weather Alert Mode	Select AM, FM or WB mode as desired.

No Response to Alerts	S.A.M.E. codes have been programmed incorrectly.	Make sure correct S.A.M.E codes have been programmed.
	Make sure the radio is set to the correct weather channel for your area.	Tune to the correct weather channel for your area.
Unit gets warm after extended play at high volume.	This is normal.	Turn the unit off for a period of time or lower volume.

SPECIFICATION

Power requirement:

DC Input: DC 6V 400 mA or
4 X AA (UM-3) Batteries

Frequency Range

Radio Band FM 87.5 ~ 108 MHz
AM 520 - 1710 KHz
WX CH1 – 7

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At Spectra, environmental and social responsibility is a core value of our business. We are dedicated to continuous implementation of responsible initiatives with an aim to conserve and maintain the environment through responsible recycling.

Please visit us at <http://www.spectrainl.com/green.htm> for more information on Spectra's green initiatives or to find a recycler in your area.

**1 YEAR LIMITED WARRANTY AND SERVICE
VALID IN THE U.S.A ONLY**

This product is manufactured, distributed or sold by SPECTRA MERCHANDISING INTERNATIONAL, INC., official licensee for this product. All right, title and interest to use the "First Alert" logo trademarks and the "First Alert" trade dress are exclusively licensed by BRK Brands, Inc. and are used under license from BRK Brands, Inc.. Please contact SPECTRA's Service Department for questions/comments, warranty, support, or service related to this product.

SPECTRA MERCHANDISING INTERNATIONAL, INC. warrants that this product 1) is free from defects in materials and workmanship and 2) conforms to its specifications for a period of 1 year from the date of original customer purchase and provided the product is utilized within the U.S.A. This warranty is not assignable or transferable. Our obligation under this warranty is the repair or replacement of the defective unit or any part thereof, except batteries, when it is returned to the SPECTRA Service Department, accompanied by proof of the date of original consumer purchase, such as a duplicated copy of a sales receipt.

You must pay all shipping charges required to ship the product to SPECTRA for warranty service. If the product is repaired or replaced under warranty, the return charges will be at SPECTRA's expense. There are no other express warranties other than those stated herein.

This warranty is valid only in accordance with the conditions set forth below:

1. The warranty applies to the SPECTRA product only while:
 - a. It remains in the possession of the original purchaser and proof of purchase is demonstrated
 - b. It has not been subjected to accident, misuse, abuse, improper service, usage outside the descriptions and warnings covered within the owner's manual or non-SPECTRA approved modifications
 - c. Claims are made within the warranty period
2. This warranty does not cover damage or equipment failure caused by electrical wiring not in compliance with electrical codes or SPECTRA owner's manual specifications, or failure to provide reasonable care and necessary maintenance as outlined in the owner's manual.
3. Warranty of all SPECTRA products applies to residential use only and is void when products are used in a nonresidential environment or installed outside the United States.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. TO OBTAIN SERVICE please remove all batteries (if any) and pack the unit carefully and send it prepaid by insured parcel post or UPS to SPECTRA at the address shown below. IF THE UNIT IS RETURNED WITHIN THE WARRANTY PERIOD shown above, please include a proof of purchase (dated cash register receipt) so that we may establish your eligibility for warranty service and repair of the unit without cost. Also include a note with a description explaining how the unit is defective. A customer service representative may need to contact you regarding the status of your repair, so include your name, address, phone number and e-mail address to speed the process.

IF THE UNIT IS OUTSIDE THE WARRANTY PERIOD, please include a check for \$ 25.00 to cover the cost of repair, handling and return postage. All out of warranty returns must be sent prepaid.

It is recommended that you contact SPECTRA first at 1-800-777-5331 or by e-mail at custserv@spectrainintl.com for updated information on the unit requiring service. In some cases the model you have may be discontinued and SPECTRA reserves the right to offer alternative options for repair or replacement.

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To register your product, visit the link below on the website to enter your information.
<http://www.spectrainintl.com/wform.htm>

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