

**SPECIFICATIONS**

Operating Voltage:	12 volt DC
TV Channels:	VHF-L: Channels 2-6 VHF-H: Channels 7-13 UHF: Channels 14-83
Radio Stations:	AM: 530-1710 kHz FM: 88-108 MHz Weather: 162.400, 162.425, 162.450, 162.475, 162.500, 162.525, and 162.550 MHz
Weather Radio Sensitivity:	0.6µV@12dB SINAD 0.5µV@1050 Hz alert tone
Speaker:	8 ohm, 1W
Fuse:	2A, 125V
AC/DC Adapter:	120 Volt AC input, 12 Volt DC, 1200 mA output
DC Adapter:	12 Volt DC, 2 amps
Built-In Rechargeable Battery:	Ni-MH 3.6V, 600 mAh



## USER'S MANUAL & WARRANTY INFORMATION

### IMPORTANT SAFETY INFORMATION, SAVE THESE INSTRUCTIONS

TO REDUCE THE RISK OF INJURY, USER MUST READ AND UNDERSTAND THIS INSTRUCTIONAL MANUAL. THIS MANUAL CONTAINS IMPORTANT INFORMATION REGARDING THE OPERATION AND WARRANTY OF THIS PRODUCT. PLEASE RETAIN FOR FUTURE REFERENCE.

4140 S.W. 30th Ave., Ft. Lauderdale, FL 33312  
Toll Free: (866) 584-5504

[www.vectormfg.com](http://www.vectormfg.com)

## **IMPORTANT SAFETY INSTRUCTIONS**

### **WARNINGS**

1. **TO REDUCE THE RISK OF FIRE OR ELECTRICAL SHOCK, do not expose this unit to rain or moisture. NEVER** submerge it in water or liquids of any kind.
2. **NEVER** insert objects of any kind into the unit's ventilation slots, as this can short circuit parts, resulting in fire or electrical shock.
3. **NEVER** attempt to recharge disposable dry cell "C" type batteries. This could be dangerous.
4. **DO NOT** dispose of batteries in fire, as this may result in an explosion.
5. **Operation of a TV in a moving vehicle is not permitted if the driver can view the screen while driving. Not paying attention to the road may result in a serious accident.**

### **CAUTIONS**

- BEFORE FIRST USE, THE UNIT'S RECHARGEABLE BACKUP BATTERIES SHOULD BE CHARGED FOR A FULL 12 HOURS USING THE 120 VOLT AC CHARGING METHOD.
  - Use only the supplied adapters for recharging this unit.
  - Do not crush, cut, pull or expose adapter cords to extreme heat.
  - Position adapter cords so they do not become entangled or become a safety hazard. Keep adapter cords away from sharp edges.
  - Make sure all switches are in the OFF position before connection to a power source.
  - When using the 120 Volt AC Adapter or 12 Volt DC Adapter, do not use the unit near water, such as a bathtub, sink or laundry, in a wet basement or next to a swimming pool. It is NOT waterproof.
  - Never insert anything other than the supplied 120 Volt AC Adapter and 12 Volt DC Adapter into the 12 Volt DC Charging/Power Outlet on this unit. Do not use any accessory not recommended or provided by the manufacturer.
  - Unplug adapters and disconnect any AV equipment during violent storms, or when left unattended or unused for long periods of time.
  - All slots and openings in this unit are required for ventilation and temperature control. They should not be blocked or covered in any way during operation.
  - Follow all warnings, cautions and instructions marked on this unit and indicated in this User's Manual.
  - To prevent possible electrical damage to unit or your vehicle, always unplug the 12 Volt DC Adapter cord from your vehicle's accessory power outlet BEFORE removing the plug from the unit.
  - Check unit periodically and discontinue use if parts or accessories are found to be damaged or defective. To replace worn or defective parts, contact Vector's Customer Service department toll-free at (866) 584-5504.
  - Do not open this unit except to replace the "C" type dry cell batteries. There are no other user-serviceable parts. The rechargeable backup batteries are not user-replaceable.
  - This is not a toy! Keep unit out of reach of children (whether stored or in use).
  - Supplied cell phone charging tips may not work with all cell phones.
- Using the wrong tip may damage your device. Manufacturer is not responsible for damage caused in this manner.

Verify tip compatibility with your cell phone manufacturer or consult your cell phone user manual before using this unit's cell phone charging feature.

**Read This User's Manual Before Using This Unit.**

## **SAVE THESE INSTRUCTIONS**

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.

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 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 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.

Modifications not authorized by the manufacturer void user's authority to operate this device.

### ONE YEAR LIMITED WARRANTY PROGRAM

This limited warranty program is the only one that applies to this product, and it sets forth all the responsibilities of Vector Manufacturing, regarding this product. There is no other warranty, other than those described herein. Any implied warranty of merchantability or fitness for a particular purpose on this product is limited in duration to the duration of this warranty.

This Vector Manufacturing product is warranted, to the original purchaser only, to be free of defects in materials and workmanship for one year from the date of purchase without additional charge. The warranty does not extend to subsequent purchasers or users. Manufacturer will not be responsible for any amount of damage in excess of the retail purchase price of the product under any circumstances. Incidental and consequential damages are specifically excluded from coverage under this warranty.

This product is not intended for commercial use. This warranty does not apply to damage to units from misuse or incorrect installation/connection. Misuse includes wiring or connecting to improper polarity power sources.

**RETURN/REPAIR POLICY:** Defective products may be returned to manufacturer. Any defective product that is returned to manufacturer within 30 days of the date of purchase will be replaced free of charge. If such a product is returned more than 30 days but less than one year from the purchase date, manufacturer will repair the unit or, at its option, replace it, free of charge.

If the unit is repaired, new or reconditioned replacement parts may be used, at manufacturer's option. A unit may be replaced with a new or reconditioned unit of the same or comparable design. The repaired or replaced unit will then be warranted under the terms of the remainder of the warranty period. The customer is responsible for the shipping charges on all returned items. During the warranty period, manufacturer will be responsible for the return shipping charges to the customer in the United States.

**LIMITATIONS:** This warranty does not cover accessories, such as charging adapters, bulbs, fuses and batteries, damage or defects resulting from normal wear and tear (including chips, scratches, abrasions, discoloration or fading due to usage or exposure to sunlight), accidents, damage during shipping to our service facility, alterations, unauthorized use or repair, neglect, misuse, abuse, failure to follow instructions for care and maintenance, fire, flood and Acts of God.

If your problem is not covered by this warranty, call our Technical Support Department at (954) 584-4446 or toll free at (866) 584-5504 for general repair information and charges if applicable. You may also contact us through our website at [www.vectormfg.com](http://www.vectormfg.com).

**STATE LAW RIGHTS:** This warranty gives you specific legal rights. 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 exclusions or limitations stated herein may not apply. This warranty gives the purchaser specific legal rights; other rights, which vary from state to state, may apply.

**TO REQUEST WARRANTY SERVICE FOR THIS PRODUCT:** Contact Technical Support by telephone, fax or mail (see below). We suggest that you keep the original packaging in case you need to ship the unit. When returning a product, include your name, address, phone number, dated sales receipt (or copy) and a description of the reason for return and product serial number. After repairing or replacing the unit, we will make every effort to return it to you within four weeks.

**WARRANTY ACTIVATION:** Please complete Warranty Activation Card and mail to Vector Manufacturing. Enter "VEC136" as Model and "Weather Alert Radio-TV" as Product Type. All Vector products must be registered within 30 days of purchase to activate this warranty. Mail the completed registration form, along with a copy of the original sales receipt, to:

ATTN.: CUSTOMER SERVICE  
4140 SW 30th Ave., Ft. Lauderdale, FL 33312  
• TOLL FREE: (866 ) 584-5504 • FAX: (954) 584-5556 •

WARRANTY IS NON-TRANSFERABLE.

BD041306

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## INTRODUCTION

Thank you for purchasing the **VEC136 Weather Alert Radio-TV**. Please read this guide carefully before use to ensure optimum performance and to avoid damage to the unit.

## FEATURES

- Digital AM/FM/NOAA Weather Radio with S.A.M.E. Alert technology and Alarm Clock
- Built-in 5" solid state black-and-white UHF/VHF TV with brightness/contrast/vertical hold controls
- Programmable Voice or Siren alarm instantly responds to S.A.M.E. hazard alerts
- Powerful, magnified 6 LED Lantern
- Long-lasting 3 LED Emergency Light
- Built-in Cell Phone Charging Port
- Cell Phone Charging Adapter Set (with cell phone extension cord)
- Telescoping antenna
- External Antenna Port (external antenna not provided)
- Hand crank to recharge built-in backup battery
- Battery, 12 volt DC or 120 volt AC powered (adapters included) with Dynamo Hand-Crank charged backup Ni-MH battery system
- Attached shoulder strap for convenient portability

## Control and Function Guide



## Power System

The **VEC136** has a unique power system. Its primary power source is the common household "C" type battery. It can also be powered using the AC Adapter that plugs into a standard 120 volt AC household outlet or the DC Adapter that plugs into a vehicle's accessory outlet (or other 12 volt DC power source).

This unit also comes with built-in Ni-MH rechargeable batteries, which serve as auxiliary backup power for the AM/FM Emergency Weather Radio, LED Lantern and LED Emergency Light (only). This auxiliary power system can be recharged using the 120 Volt AC or 12 Volt DC Adapters, or, in emergency situations when no other power is available, by using the Dynamo Hand-Crank.

## NOAA Weather Radio S.A.M.E. (Specific Area Message Encoding) Overview

NWR broadcasts National Weather Service (NWS) warnings, watches, forecasts and other non-weather related hazard information 24 hours a day. During an emergency, NWS forecasters interrupt routine broadcasts and send a special tone activating local weather radios.

NWR broadcasts warnings and post-event information for all types of hazards: weather (e.g., tornadoes, floods), natural (e.g., earthquakes, forest fires and volcanic activity), technological (e.g., chemical releases, oil spills, nuclear power plant emergencies, etc.), and national emergencies (e.g., terrorist attacks). Working with other Federal agencies and the Federal Communication Commission's (FCC) Emergency Alert System (EAS), NWR is an all-hazards radio network, making it the most comprehensive weather and emergency information available to the public.

S.A.M.E. technology, a new feature in the NOAA Weather Radio system, allows listeners to pre-select the NWS Alerts that they want to receive, based on the county where they live. Weather radios equipped with S.A.M.E. technology (such as this **VEC136**) provide immediate information about life-threatening situations.

## POWER SUPPLY

The unit can be powered in one of three ways:

1. Nine (9) dry cell "C" type batteries (not included);
2. 120 volt AC 60 Hz household current and the 120 Volt AC Adapter included with the unit; or
3. 12 volt DC power source and the 12 Volt DC Adapter included with the unit.

When no other power source is available, a Backup Power System consisting of built-in rechargeable batteries allows the Radio and LED Lights to operate.

**Note:** The TV can be powered by the 120 Volt AC and 12 Volt DC Adapters, as well as "C" batteries. It cannot be powered by the Backup Power System.

## CAUTIONS

Before first use, the unit's rechargeable backup batteries should be charged for a full 12 hours using the 120 Volt AC Adapter.

The rechargeable backup battery is not user-accessible.

The Backup Power System can *only* be used to power the Radio, LED Lantern and LED Area Light.

## Charging/Recharging the Backup Power System

### 120 Volt AC Charging

You can watch TV or listen to the Radio while charging the backup power batteries.

1. Plug the 120 Volt AC Adapter's barrel connector into the 12 Volt DC Power/Charging Outlet on the back of the unit.
2. Plug the 120 Volt AC Adapter's plug into any standard 120 volt AC wall outlet.
3. Charge the backup power batteries for a full 12 hours before first use. Recharge them regularly so the unit is always ready for emergency use.



### Dynamo Hand-Crank Charging

For ease of use, the crank handle can be "locked" into place. Flip the handle to release and press it against the unit's body to secure into position. Rotate the dynamo crank handle clockwise (at a rate of approximately 1-2 rotations per second with all functions turned OFF for best results) to generate power if battery power is low and to recharge the backup power batteries.



## Using the 120 Volt AC Power Adapter

- Plug the 120 Volt AC Adapter's barrel connector into the 12 Volt DC Power/Charging Outlet on the back of the unit.
- Plug the 120 Volt AC Adapter's plug into a any standard 120 volt AC wall outlet.
- Test by turning the TV ON before proceeding to general operation.

## Using the 12 Volt DC Adapter

- Plug the 12 Volt DC Adapter's barrel connector into the 12 Volt DC Power/Charging Outlet on the back of the unit.
- Insert the 12 Volt DC Adapter's plug into the accessory outlet of your vehicle or other 12 volt DC power source.
- Test by turning the TV ON before proceeding to general operation.

**Note:** Always unplug the 12 Volt DC Adapter cord from your vehicle's accessory outlet BEFORE removing the plug from the unit.

## Using Battery Power

- Open the battery cover (bottom of unit – see "Control and Function Guide," page 2) and insert 9 dry cell "C" type batteries.
- Test by turning the TV ON before proceeding to general operation.

## PROGRAMMING THE UNIT

Before using the Emergency Weather Radio Alert feature, the unit should be programmed with the Date and Time, as well as the user's County (FIPS – Federal Information Processing Standards) Code(s) (to indicate which specific area or areas to monitor for NWS Alerts) and preferred Alarm mode (VOICE, SIREN or OFF).

With the unit turned ON, pressing the PROG/STORE Button on the Program Control Panel (see "Control and Function Guide," page 2) places the unit in programming mode.

The Up (TIME) and Down (MEM) Arrow Buttons toggle through the main menus (COUNTY, TIME SET, ALERT). The Left and Right Arrows (CH-) and (CH+) adjust individual settings.



## Setting the Time, Date and Alarm Clock

Use the TIME SET menu to set the unit's Clock and Date display. This is also the time and date that will be attached to scrolling Alert messages, so these settings should be accurate before you use the S.A.M.E. Weather Alert feature.

### Setting the Clock

1. Turn the unit ON by turning the OFF/TV/WEATHER/AM/FM Dial to any setting other than OFF.
2. Press the PROG/STORE Button to enter programming mode. The display will show "ALERT MODE".
3. Press the Down Arrow (MEM) Button until "TIME SET" is displayed.
4. Press the Right Arrow (CH+) Button. The "CLOCK" setting will display. Press the Right Arrow again to display the hour and minutes.
5. Use the Up or Down Arrow Button to adjust the hour, then press the Right Arrow.
6. Use the Up or Down Arrow Button to adjust the minutes, then press PROG/STORE to save.

### Setting the Date

1. Turn the unit ON by turning the OFF/TV/WEATHER/AM/FM Dial to any setting other than OFF.
2. Press the PROG/STORE Button to enter programming mode. The display will show "ALERT MODE".
3. Press the Down Arrow (MEM) Button until "TIME SET" is displayed.
4. Press the Right Arrow (CH+) Button. The "CLOCK" setting will display. Press the Up or Down Arrow Button and "DATE" will display. Press the Right Arrow to display the year, month and day.
5. Use the Up (TIME) or Down Arrow Button to adjust the year, then press the Right Arrow to highlight the month.
6. Use the Up or Down Arrow Button to adjust the month, then press the Right Arrow.
7. Use the Up or Down Arrow Button to adjust the day.

When you have finished setting the Clock and Date, press the PROG/STORE Button to save and return to standby mode.

### Setting the Alarm

1. Turn the unit ON by turning the OFF/TV/WEATHER/AM/FM Dial to any setting other than OFF.
2. Press the PROG/STORE Button to enter programming mode. The display will show "ALERT MODE".
3. Press the Down Arrow (MEM) Button until "ALARM" is displayed.
4. Press the Right Arrow (CH+) Button. "ON" will display. Pressing the Up or Down Arrow to toggle between the Alarm ON and Alarm OFF settings.



5. Press the Right Arrow again. The clock will flash.
5. Use the Up or Down Arrow Button to adjust the hour, then press the Right Arrow.
6. Use the Up or Down Arrow Button to adjust the minutes, then press PROG/STORE 3 times to exit this menu and save.

### Setting the County (S.A.M.E.) Code(s)

To best utilize your Specific Area Message Encoding (S.A.M.E.) Weather Radio, you should program your specific S.A.M.E. (County) Code (or Codes). Marine codes can also be programmed.

When you program your Weather Radio for "ALL" counties, it will respond to all S.A.M.E. Alerts within the local NWR transmitter area (typically several counties or approximately 40 miles).

"SINGLE" (the default setting) sets the unit to respond to S.A.M.E. Alerts for a single user-programmed FIPS (Federal Information Processing Standard) code.

"MULTIPLE" sets the Weather Radio to respond to S.A.M.E. Alerts for up to 10 user-programmed FIPS codes.

### ⚠ IMPORTANT INFORMATION

**You can obtain the 6-digit S.A.M.E. Code(s) for your local area:**

- **online at [www.nws.noaa.gov/nwr/indexnw.htm](http://www.nws.noaa.gov/nwr/indexnw.htm); or**
- **by telephone at (888) 697-7263.**

### Setting the Unit for ALL Counties

1. Turn the OFF/TV/WEATHER/AM/FM Dial to WEATHER.
2. Press the PROG/STORE Button to enter programming mode. The display will show "ALERT MODE".
3. Press the Up (TIME) or Down (MEM) Arrow Button until "COUNTY" is displayed.
4. Press the Right Arrow (CH+) Button. The display will show "SINGLE" (default setting).
5. Press the Up or Down Arrow Button until "ALL" displays.
6. Press the PROG/STORE Button to save (and return to the COUNTY menu).

### Setting the Unit for Single County

1. Turn the OFF/TV/WEATHER/AM/FM Dial to WEATHER.
2. Press the PROG/STORE Button to enter programming mode. The display will show "ALERT MODE".
3. Press the Up (TIME) or Down (MEM) Arrow Button until "COUNTY" is displayed.
4. Press the Right Arrow (CH+) Button. The display will show "SINGLE".
5. Press the Right Arrow Button again. The display shows "COUNTY 01".
6. Press the Right Arrow Button again. The display shows a 6-digit number. The cursor will be flashing over the first digit. Use the Up or Down Arrow Button to change it. Press the Right Arrow Button again to move to the next digit.
7. Repeat Step 6 for each of the digits, until you have entered the full, correct S.A.M.E. code.
8. Press the PROG/STORE Button to save (and return to the COUNTY menu).

### Setting the Unit for Multiple Counties

1. Turn the OFF/TV/WEATHER/AM/FM Dial to WEATHER.
2. Press the PROG/STORE Button to enter programming mode. The display will show "ALERT MODE".
3. Press the Up (TIME) or Down (MEM) Arrow Button until "COUNTY" is displayed.
4. Press the Right Arrow (CH+) Button. The display will show "SINGLE" (default setting).
5. Press the Up or Down Arrow Button until "MULTIPLE" displays.
6. Press the Right Arrow Button again. The display shows "COUNTY 01".
7. Press the Right Arrow Button again. The display shows a 6-digit number. The cursor will be flashing over the first digit. Use the Up or Down Arrow Button to change it. Press the Right Arrow Button to move to the next digit.
8. When you have stored the desired 6-digit number, press the PROG/STORE Button to save (and return to the COUNTY menu).
9. Repeat Step 6 for each of the desired counties, pressing the Down (MEM) Arrow to move from "COUNTY 01" to "COUNTY 02," etc.

When you have finished setting the County (S.A.M.E.) code(s), press the PROG/STORE Button once to return to the COUNTY menu, then once more to return to STANDBY MODE.

### Setting the Alert Mode

Use the ALERT MODE menu to select the way the Weather Radio responds to a S.A.M.E. Alert broadcast. The settings are OFF, VOICE or SIREN.

#### OFF Setting

The OFF setting is self-explanatory. In this mode, the unit does not respond to S.A.M.E. Alerts. This is the default setting for the unit.

#### VOICE Setting

In VOICE setting, the Radio emits an alert siren tone for 10 seconds (only) when a S.A.M.E. Alert is received, then the Weather Radio automatically turns on.

To program the Weather Radio for VOICE Alert setting:

1. Turn the OFF/TV/WEATHER/AM/FM Dial to WEATHER.
2. Press the PROG/STORE Button to enter programming mode. The display will show "ALERT MODE".
3. Press the Right Arrow (CH+) Button. The display will show "SIREN" (default setting).
4. Press the Up or Down Arrow Button until "VOICE" displays.
5. Press the PROG/STORE Button to save (and return to the ALERT MODE menu).

#### SIREN Setting

In SIREN setting, the Radio emits an alert siren tone for 30 seconds when a S.A.M.E. Alert is received, then the Weather Radio automatically turns on and an ongoing alert tone continues to sound. To silence the alert tone, press any key on the Program Control Panel.

An Alert description will scroll (in a repeating "loop") across the LCD Program Display, followed by the time the Alert was received. The appropriate LED indicator will be lit under the scrolling message (Statement, Watch or Warning).

To program the Weather Radio for VOICE Alert setting:

1. Turn the OFF/TV/WEATHER/AM/FM Dial to WEATHER.
2. Press the PROG/STORE Button to enter programming mode. The display will show "ALERT MODE".
3. Press the Right Arrow (CH+) Button. The display will show "SIREN".
4. Press the PROG/STORE Button to save (and return to the ALERT MODE menu).

When you have finished setting the Alert Mode, press the PROG/STORE Button once more to return to standby mode.

**Note:** See page 9 for information about using the S.A.M.E. Weather Alert feature.

## OPERATING THE TV

See the "Control and Function Guide" on page 2 to locate referenced controls, knobs and selectors.

- Turn the OFF/TV/WEATHER/AM/FM Dial to the "TV" position.
- Slide the VHF-L/VHF-H/UHF TV Frequency Selector on the front of the unit (below the TV screen) to choose the TV band.
- Turn the TV Channel Tuner and Fine Tuner Knobs to select the desired TV channel.\*  
\* For available channels, see Specifications, page 12.
- Adjust the picture's brightness and contrast (if necessary) using the respective sliders on the front of the unit (below the TV screen).
- Adjust the vertical hold (if necessary) using the V-Hold knob on the back of the unit.
- Adjust the volume using the Volume Control Knob on the side of the unit.
- Extend the Built-in TV/Radio Antenna and adjust for best reception. If desired, an external antenna (not provided) may be connected to the External Antenna Port on the rear of the unit.
- Insert earphones or headphones (not included) into the Earphone Jack for private listening.

**Note:** This unit was designed in accordance with North American Standards and may not receive TV broadcasts in countries that have other broadcasting standards.

## ⚠ WARNING

**Operation of a TV in a moving vehicle is not permitted if the driver can view the screen while driving. Use this appliance in a responsible and safe manner.**

## OPERATING THE AM/FM RADIO

See the "Control and Function Guide" on page 2 to locate referenced controls, knobs and selectors.

- Turn the OFF/TV/WEATHER/AM/FM Dial to the desired frequency (the "AM" or "FM" position).
- Rotate the AM/FM Radio Tuner Dial to select the desired station. It is not necessary to turn the dial completely, as this is a digital tuner.
- Adjust the volume using the Volume Control Knob on the side of the unit.
- Extend the Built-in TV/Radio Antenna and adjust for best reception. If desired, an external antenna (not provided) may be connected to the External Antenna Port on the rear of the unit.
- Insert earphones or headphones (not included) into the Earphone Jack for private listening.

## OPERATING THE EMERGENCY/WEATHER RADIO

See the "Control and Function Guide" on page 2 to locate referenced controls, knobs and selectors.

### Listening to the 7-Channel NOAA Weather Radio

- TURN the OFF/TV/WEATHER/AM/FM Dial to the "WEATHER" position.
- Press the Right Arrow (CH+) Button or Left Arrow (CH-) Button to scan and select a weather channel.
- Extend the Built-in TV/Radio Antenna and adjust for best reception.
- Adjust the volume using the Volume Control Knob on the side of the unit.

### Using the S.A.M.E. Emergency/Weather Alert Feature

The **VEC136** features S.A.M.E. technology, allowing the user to program the unit to respond to NWS weather and non-weather hazard alerts. When set to Alert Mode the unit functions normally. However, in the background, it scans for S.A.M.E. Alerts issued for the user-programmed area(s).

When an Alert is detected, the unit emits an alarm (VOICE or SIREN) and the Weather Radio automatically turns ON. An Alert description will scroll (in a repeating "loop") across the LCD Program Display. The appropriate LED indicator will be lit under the scrolling message (Statement, Watch or Warning).

In order to use the S.A.M.E. Weather Alert feature:

- the Time and Date should be set (see page 5);
- the County Code(s) should be programmed (see page 6) indicating the local area(s) you want to monitor (ALL, SINGLE or MULTIPLE);
- the unit must be turned to WEATHER on the ON/OFF/ TV/WEATHER/AM/FM Dial; and
- you must have programmed the unit's Alert Mode, choosing either the VOICE or SIREN setting (see page 7).

### Voice Setting

In VOICE setting, the Radio emits an alert siren tone for 10 seconds (only) when a S.A.M.E. Alert is received.

### Siren Setting

In SIREN setting, the Radio emits an alert siren tone for 30 seconds when a S.A.M.E. Alert is received.

### Alert Memory Access

The unit can record up to 20 alert messages, scrolling the most recent on the LCD Program display. You can access earlier Alerts (and their corresponding information) by pressing the Down Arrow (CH-) Button on the Program Control Panel (see the "Control and Function Guide" on page 2).

Messages will be displayed in the order in which they were received, most-recent to oldest. If the alert message was valid for a limited time period and that period has expired, an "expired" icon will appear on the top right corner of the LCD Program Display when that message scrolls.

**Note:** While in S.A.M.E. Alert mode, the AM/FM/Weather Radio and TV function normally until a S.A.M.E. Alert is received.

**Pressing the "MUTE" key with the radio in WEATHER mode mutes the audio and puts the radio in ALERT standby mode.**

## **OPERATING THE LED LANTERN**

The LED Lantern on the rear of the unit provides a magnified 6 LED beam. It is controlled by the ON/OFF Switch located on the top rear of the handle (see the "Control and Function Guide" on page 2).

Make sure the light is turned OFF when the unit is being recharged or stored.

## **OPERATING THE LED EMERGENCY LIGHT**

The LED Area Light on the front of the unit is controlled by the ON/OFF Pushbutton located on the top front of the handle (see the "Control and Function Guide" on page 2).

## **CELL PHONE CHARGING**

Attach the appropriate socket end (from among those supplied) to the small barrel tip of the Cell Phone Charging Adapter cord and plug this into the cell phone. Plug the barrel tip end of the cord into the Cell Phone Charging Port (see the "Control and Function Guide" on page 2 of the User's Manual). None of the unit's features need be on for cell phone charging to take place. The unit does need to be powered ("C" batteries, 120 volt AC, 12 volt DC or the Dynamo Hand-Crank).

## **⚠ CAUTIONS**

- Supplied cell phone charging tips may not work with all cell phones.
- Using the wrong tip may damage your device. Manufacturer is not responsible for damage caused in this manner.
- Verify tip compatibility with your cell phone manufacturer or consult your cell phone user manual before using this unit's cell phone charging feature.

## **CARE AND MAINTENANCE**

### **Cleaning**

Over time, dust or fingerprints may accumulate on the TV screen or LED Area Light. If necessary, clean with a soft, clean, oil-free cloth moistened with household window cleaner. Do not use alcohol based cleaners on plastic surfaces. This will eventually cause surface clouding.

### **Replacement Parts**

Check unit periodically and discontinue use if parts or accessories are found to be damaged or defective. To replace worn or defective parts, contact Vector Customer Service toll-free at (866) 584-5504.

## **Fuse Replacement**

1. Using a screwdriver, open the fuse cover on the back of the unit (see the "Control and Function Guide" on page 2) and remove the defective fuse.
2. Insert a replacement 2 amp standard buss type fuse into the fuse socket.
3. Close the fuse cover (turn counter-clockwise) – DO NOT OVER-TIGHTEN.

## **12 Volt DC Adapter Plug Fuse Replacement**

The fuse in the DC plug protects the charging circuit of the 12 Volt DC Adapter. If AC recharging works, but DC charging does not, then the fuse may be opened (blown).

To replace the fuse:

1. Unscrew the end cap of the DC plug (counterclockwise).
2. Remove spring center contact and fuse.
3. Check fuse with a continuity checker.
4. If blown, locate replacement fuse with same type and rating.
5. Replace the fuse, spring, contact and end cap.
6. Screw end cap clockwise until it is finger tight – DO NOT OVER-TIGHTEN.
7. Test for proper operation of the 12 Volt DC Adapter.

## **Battery Replacement/Disposal**

### ***Battery Replacement***

The built-in rechargeable battery should last the life of the unit. In the event it needs replacing, it is recommended that the unit be returned to manufacturer. Contact Vector Customer Service toll-free, at (866) 584-5504.

### ***Battery Disposal***

This unit contains an Ni-MH battery and should be disposed of properly. For more information on recycling batteries, call toll free (800) 822-8837.



## **⚠ WARNING**

- **Do not expose batteries to intense heat or dispose of them in fire. This may result in an explosion.**

## **⚠ CAUTION**

**THIS UNIT USES A 2 AMP FUSE. FOR CONTINUED PROTECTION AGAINST RISK OF FIRE, REPLACE THE FUSE ONLY WITH ONE OF THE SAME TYPE AND RATING.**