

**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.

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 accessories or damage to units from misuse or incorrect installation. Misuse includes wiring or connecting to improper polarity power sources.

**RETURN/REPAIR POLICY:** Defective products, other than accessories, may be returned to manufacturer. Any defective product, other than accessories, 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 after 30 days. During the warranty period, manufacturer will be responsible for the return shipping charges.

**LIMITATIONS:** This warranty does not cover accessories, bulbs, fuses and batteries, 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 Technical Support 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 "VEC135" as Model and "Stormtracker" 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 AND NON-REFUNDABLE.

BD030205

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MADE IN CHINA



## STORMTRACKER™

TV/LANTERN/AM/FM/EMERGENCY/WEATHER RADIO



### 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.
2. Never attempt to recharge disposable dry cell "C" size batteries. This could be dangerous.
3. Do not open this unit except to replace dry cell batteries. There is no other replaceable part.
4. Keep unit out of reach of children (whether stored or in use).

### **CAUTIONS**

1. Use only the supplied cords/adapters for recharging this unit.
2. Make sure all switches are in the OFF position before connection to a power source or load.
3. Never insert anything other than the supplied AC adapter and DC power adapter into the 12 volt DC charging/power socket on this unit. Do not use any accessory not recommended or provided by the manufacturer.
4. When using the AC adapter or DC adapter, do not use near water, such as a bathtub, sink or laundry, in a wet basement or next to a swimming pool.
5. All slots and openings in this unit are required for ventilation and temperature control and should not be blocked or covered in any way.
6. Never push objects of any kind into the unit's ventilation slots, since they may touch dangerous voltage points or short circuit parts that could result in fire or electrical shock.
7. Follow all warnings, cautions, and instructions marked on this unit.
8. For protection during violent storms, or when left unattended or unused for long periods of time, unplug the AC adapter or 12 volt DC power adapter and disconnect any AV equipment.
9. 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.
10. Never submerge this unit in water.
11. 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 (866) 584-5504.

## **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.

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

## TABLE OF CONTENTS

Introduction .....	1
Features .....	1
Power System .....	1
Back-Up Power .....	2
Controls and Functions .....	2
General Operating Instructions .....	3
Powering the Unit .....	3
Operating the TV .....	5
Operating the AM/FM Radio .....	6
Operating the Weather Band Radio .....	7
Operating the Lantern .....	8
Operating the LED Area Lights .....	8
Care and Maintenance .....	8
Recharging Back-up Power .....	8
Replacement Parts .....	9
Specifications .....	10

## INTRODUCTION

Thank you for purchasing the **Vector STORMTRACKER™ Portable TV/AM/FM/Emergency/Weather Radio (VEC135)**. Please read this guide carefully before use to ensure optimum performance and to avoid damage to the unit.

## FEATURES

- AM/FM/weather band radio with automatic hazard alert
- Built-in 5.5" black-and-white TV (VHF and UHF)
- Hand crank to recharge batteries
- Built-in batteries included for auxiliary back-up power
- Powerful lantern which can tilt up and down
- Long-lasting LED area light
- Built-in earphone or audio outlet
- Includes 12 volt DC and 120 volt AC adapters for external power supplies
- AV out receptacle for external TV connection
- Brightness/contrast/vertical hold TV controls
- Battery, 12 volt DC or 120 volt AC powered

## Power System

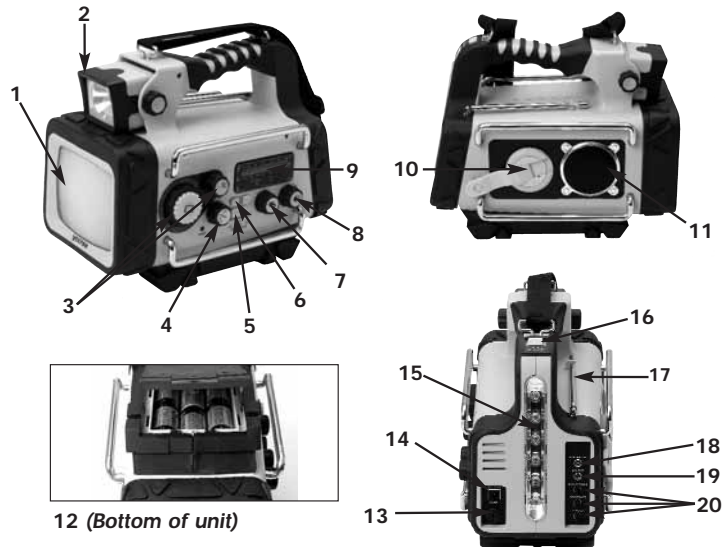
The **VEC135** has a unique power system. Its primary power source is the common household "C" size battery, but it may also be powered using the AC-DC power adapter that plugs into a standard 120 volt AC household outlet, or the VEC135 may be powered using an external 12 volt DC power supply (such as a car/vehicle's accessory outlet) and the 12 volt DC power adapter.

## Back-Up Power

This unit also comes with built-in Ni-MH rechargeable batteries, which serve as "auxiliary" back-up power for the AM/FM/weather radio and LED area light, should no other power source be available. This auxiliary power system may be recharged using the AC-DC power adapter plugged into an 120 volt AC household wall outlet, a 12 volt DC power adapter connected to a 12 volt DC source, or, in emergency situations when no other power is available, by using the dynamo hand crank.

**Note:** Back-up battery power will only operate the radio and LED area light. It cannot and will not power the TV, lantern.

## CONTROLS AND FUNCTIONS



- |  |  |
|--|--|
| 1. 5.5" black-and-white TV                   | 12. Dry cell battery compartment                         |
| 2. Lantern                                   | 13. Fuse   |
| 3. TV/fine tune and VHF/UHF selector knobs   | 14. DC 12 volt IN adapter jack for external power supply |
| 4. OFF/TV/WEATHER/AM/FM selector             | 15. LED area lights                                      |
| 5. Hazard alert lock selector                | 16. LED area light power switch                          |
| 6. Weather radio scan control                | 17. Built-in TV/radio antenna                            |
| 7. AM/FM Radio Tuner                         | 18. Earphone jack  |
| 8. Volume control                            | 19. AV out jack for external TV connection               |
| 9. AM/FM/radio frequency                     | 20. Vertical Hold/Brightness/Contrast TV controls        |
| 10. Hand crank to recharge back-up batteries |  |
| 11. TV/Radio Speaker                         |  |

## GENERAL OPERATING INSTRUCTIONS

### Powering the Unit

The unit can be powered in one of three ways:

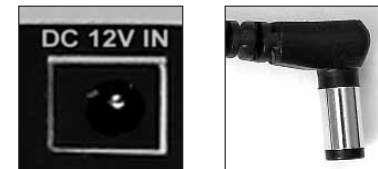
1. With nine (9) dry cell "C" size batteries (not included).
2. With household 120 volt AC 60 Hz power and the AC-DC power adapter included with the unit.
3. With 12 volt DC power and the 12 volt DC power adapter included with the unit.

In addition, a back-up power system consisting of built-in rechargeable batteries allows the radio and area lights to operate when no other power source is available. **The rechargeable back-up battery is not user-accessible and can only be used to power the radio and LED area light.**

**Note:** Before first use, the unit's rechargeable batteries should be charged for a full 12 hours. See also "Recharging Back-Up Power" in the "Care and Maintenance" section on page 8.

### Using the AC-DC Power Adapter

- Plug the AC-DC power adapter's barrel connector into the "DC 12V IN" receptacle.



- Plug the AC-DC power adapter's prong connector into a powered 120 volt AC wall outlet.



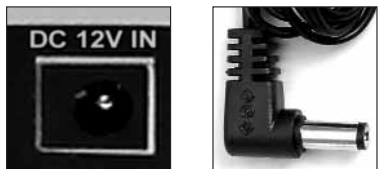
- Test by turning the lantern on before proceeding to general operation.

**Note:** Lantern is powered by AC/DC adapters as well as "C" Batteries

**Do not operate the lantern and TV at the same time when using the 120 volt AC power adapter.**

### Using the 12 Volt DC Power Adapter

- Plug the 12 volt DC power adapter's barrel connector into the "DC 12V IN" receptacle.



- Plug the 12 volt DC power adapter's large connector into a vehicle's accessory power outlet or other 12 volt DC power source.



- Test by turning the lantern on before proceeding to general operation.

### Using Battery Power

- Open the battery cover and insert 9 dry cell "C" size batteries.
- Test by turning the lantern on before proceeding to general operation.

### OPERATING THE TV

- Extend the built-in TV/radio antenna and adjust for best reception.

- Turn the OFF/TV/WEATHER/AM/FM dial to the "TV" position.

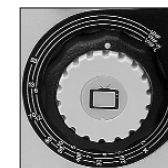


- Turn the VHF-L/VHF-H/UHF dial to select the TV band.



- Turn the TV TUNE/FINE TUNE knob to select the desired TV channel.\*

\* For available channels, see Specifications.



- Adjust the picture's brightness, contrast and vertical hold (if necessary) using the respective knobs on the back panel of the unit.



- Insert the earphone into the EARPHONE socket if private listening is desired.



**Note:** This unit is 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

- Extend the built-in TV/radio antenna and adjust for best reception.
- Rotate the OFF/TV/WEATHER/AM/FM rotary knob to the desired frequency (the AM or FM position).



- Rotate the Radio Tuner knob to tune to the desired station. Adjust the antenna if necessary for better reception.



- Rotate the Volume knob to adjust radio volume.



- Insert the earphone into the EARPHONE socket if private listening is desired.



## OPERATING THE WEATHER BAND RADIO

- Extend the built-in TV/radio antenna and adjust for best reception.
- Rotate the OFF/TV/WEATHER/AM/FM rotary knob to the WEATHER position.



- Slide the ALERT selector to the OFF position. (The unit automatically locates the regional channel. Press ◀ or ▶ to search for other available channels.)



- Rotate VOLUME knob to adjust radio volume.



- Insert the earphone into the EARPHONE socket if private listening is desired.



- Slide the Alert selector to the ALERT or LOCK position for alert standby mode. Note that the speaker is muted while radio monitors for a hazard alert.

**Notes:** While in the ALERT position, the hazard alarm will sound briefly when a hazard alert is received. While in the LOCK position, the alarm sounds continuously when the hazard alert is received.

While in either ALERT or LOCK mode, the AM-FM/weather stations will function.

The WEATHER RADIO LED will light to indicate a "locked in" weather radio station.

## OPERATING THE LANTERN

The lantern can be tilted up and down to direct the beam where you need it. It is controlled by the ON/OFF trigger switch located beneath the unit handle.

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

**Note:** *Do not operate the lantern and TV at the same time when using the 120 volt AC adapter.*



## OPERATING THE LED AREA LIGHTS

The LED Area Lights are controlled by the ON/OFF switch on top of the lantern. Slide the switch to the ON position to turn the LEDs on. Slide the switch to the OFF position to turn the LEDs off.



## CARE AND MAINTENANCE

### Recharging Back-up Power

#### 120 Volt AC Charging

You can watch TV or listen to the radio while charging the back-up power battery.

1. Plug the AC plug of the AC/DC adapter/charger into any standard 120 volt AC wall outlet.
2. Plug the barrel connector attached to the AC/DC adapter/charger into the small barrel receptacle labeled "DC 12V IN".
3. Charge the back-up power battery regularly so it is ready for emergency use.



**Note:** *The unit cannot be overcharged using the AC method.*

#### Using the Hand Crank

For ease of use, the crank handle can be "locked" into place. Flip the handle to release and press it against the unit body to secure into position. Rotate the dynamo crank handle to generate power if back-up battery power is low and to recharge the back-up rechargeable batteries.



**Note:** *The back-up power operates the LED area lights and the radio only. The TV and lantern will not operate from the back-up power, they operate only from the replaceable "C" size batteries, AC adapter or 12 volt DC power adapter.*

## Replacement Parts

For replacement parts (bulbs, Ni-MH batteries, fuses, etc.), contact Vector Customer Service, toll-free, at (866) 584-5504.

### Battery Replacement

It is recommended that the unit be returned to manufacturer for battery replacement. Contact Vector Customer Service, toll-free, at (866) 584-5504.

### ⚠ WARNING

- **Do not dispose of the battery in fire. This may result in an explosion.**
- **Before disposing of the battery, protect exposed terminals with heavy-duty electrical tape to prevent shorting, which can result in injury or fire.**
- **Do not expose the battery to fire or intense heat as it may explode.**

### Battery Disposal

This unit contains a Ni-MH battery. Dispose of used batteries properly. For more information on recycling batteries, call toll free (800) 822-8837.

### Fuse Replacement

1. Using a screwdriver, open the fuse cover and remove the defective fuse.
2. Insert a replacement 2 amp fuse into the FUSE socket.
3. Close the fuse cover.

### ⚠ 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.**



**SPECIFICATIONS**

Model No.: VEC135  
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  
Lantern Bulb: 12V, Krypton  
Built-In Rechargeable Battery: Ni-MH 3.6V, 600 mAh