

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

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.vectormtg.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 "VEC130B" 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.

BD022706

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TABLE OF CONTENTS

Introduction 1
 Features 1
 Power System 1
 Control and Function Guide 2
 Power Supply 3
 Charging/Recharging the Backup Power System 4
 Using the 120 Volt AC Adapter 4
 Using the 12 Volt DC Adapter 4
 Using Battery Power 5
 Operating the TV 5
 Operating the AM/FM Radio 5
 Operating the Weather Radio 5
 Operating the LED Emergency Light 6
 Cell Phone Charging 6
 Care and Maintenance 6
 Cleaning 6
 Replacement Parts 6
 Fuse Replacement 7
 Battery Replacement/Disposal 7
 Specifications 8

INTRODUCTION

Thank you for purchasing the **VEC130B Weather Alert Radio-TV**. Please read this guide carefully before use to ensure optimum performance and to avoid damage to the unit.

FEATURES

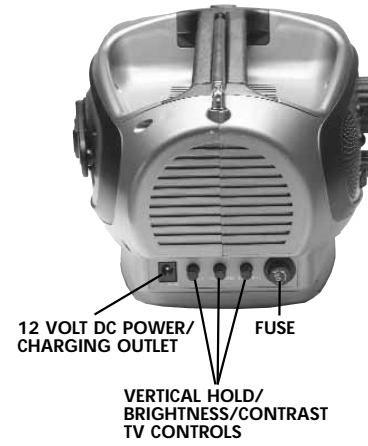
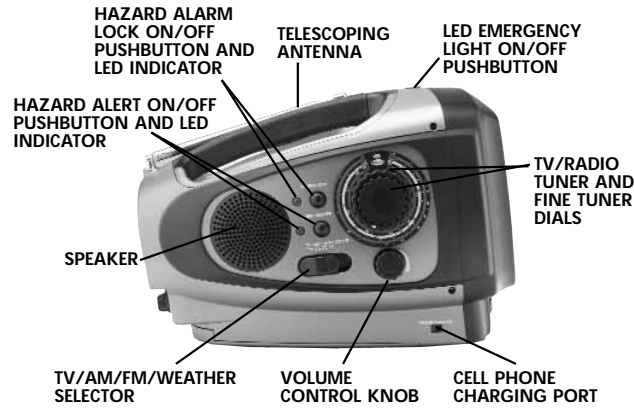
- AM/FM Emergency Weather Radio with Automatic Hazard Alert
- Built-in 5" solid state black-and-white UHF/VHF TV with brightness/contrast/vertical hold controls
- Long-lasting 3 LED Emergency Light
- Built-in Cell Phone Charging Port
- Cell Phone Charging Adapter Set (with cell phone extension cord)
- Built-in audio outlet for earphone or headphones (not included)
- 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

Power System

The **VEC130B** 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 and LED Emergency Light (only). This Backup Power System can be recharged using the 120 Volt AC or 12 Volt DC Power Adapters, or, in emergency situations when no other power is available, by using the Dynamo Hand-Crank.

Control and Function Guide



DYNAMO HAND-CRANK



DRY CELL BATTERY COMPARTMENT (BOTTOM OF UNIT)



CELL PHONE CHARGING ADAPTER TIPS AND CORD

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, the Backup Power System consisting of built-in rechargeable batteries allows the Radio, LED Emergency Light and Cell Phone Charging Port 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 Emergency Light and Cell Phone Charging Port.

Charging/Recharging the Backup Power System

120 Volt AC Charging

You can watch TV or listen to the Radio while recharging the backup power batteries using this method.

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.

OPERATING THE TV

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

- Slide the TV/AM/FM/WEATHER Selector 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/Radio Channel Tuner and Fine Tuner Knobs to select the desired TV channel.*
** For available channels, see Specifications, page 7.*
- Extend the Telescoping Antenna and adjust for best reception.
- Adjust the picture's brightness, contrast and vertical hold (if necessary) using the respective knobs on the back of the unit.
- Adjust the volume using the Volume Control Knob on the side 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.

- Slide the TV/AM/FM/WEATHER Selector to the desired frequency (the "AM" or "FM" position).
- Turn the TV/Radio Tuner and Fine Tuner Dials to select the desired station.
- Extend the Telescoping Antenna and adjust for best reception.
- Adjust the volume using the Volume Control Knob on the side of the unit.
- Insert earphones or headphones (not included) into the Earphone Jack for private listening.

OPERATING THE WEATHER RADIO

- Slide the TV/AM/FM/WEATHER Selector to the "WEATHER" position.
- With the ALERT pushbutton OFF, turn the TV/Radio Tuner and Fine Tuner Dials to select the NOAA station with the strongest signal.

- Extend the Telescoping Antenna and adjust for best reception.
- Adjust the volume using the Volume Control Knob on the side of the unit.
- Press the Alert Pushbutton to turn the Alert feature ON (the Alert LED will light) and press the ALARM/LOCK Pushbutton to set it in LOCK position (the Alarm Lock LED will light) 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 and WEATHER radio stations will function.

For the LOCK function to be available, ALERT must be engaged.

OPERATING THE LED EMERGENCY LIGHT

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

CELL PHONE CHARGING

Plug the appropriate tip from the Cell Phone Charging Adapter Set into the cell phone and attach the other end to the supplied cell phone extension cord. This plugs into the Cell Phone Charging Port (see the "Control and Function Guide" on page 2). 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 Emergency 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.

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 powering/recharging works, but DC powering/recharging 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 OVERTIGHTEN.
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.