

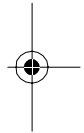
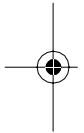


Cat. No. 16-124C
OWNER'S MANUAL

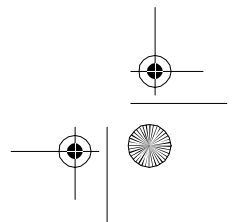
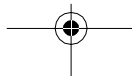
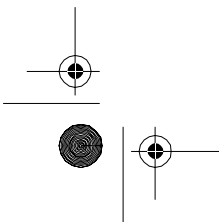
Please read before using this equipment.

Portavision Portable 5-Inch Black and White VHF/UHF Television

with AM/FM Radio



Radio Shack



FEATURES

Your Portavision Portable 5-Inch Black and White VHF/UHF Television is a complete audio/video entertainment system. It combines a 5-inch black-and-white TV with a high-quality AM/FM radio. With it you can enjoy TV and radio programs at home, in your car, or anywhere outdoors. The television's convenient size lets you to use it wherever space is limited — on a night table, workshop shelf, desk top, or bookshelf. And it's great for an RV or camper!

Its features include:

Three Power Sources — let you power the television from internal batteries (not supplied), standard AC power, or your vehicle's battery.

VHF/UHF and AM/FM — receives TV channels 2 through 69, plus AM and FM radio stations.

Built-In AM Antenna — ensures the best AM reception.

Telescoping Antenna — swivels for the best TV and FM radio reception.



External Antenna Jack — lets you connect a standard TV antenna for improved reception.

Earphone Jack — lets you use an earphone or headphones so you can enjoy private listening.

We recommend you record the television's serial number below. The number is on the back of your television.

Serial Number _____

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

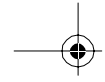
	CAUTION RISK OF ELECTRIC SHOCK. DO NOT OPEN.	
CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER OR BACK. NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED PERSONNEL.		



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



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



PREPARATION

CONNECTING TO POWER

You can power your television from:

- internal batteries
- AC power
- a vehicle's cigarette-lighter socket

Note: Connecting an AC or DC adapter automatically disconnects internal batteries.

Using Battery Power

To power the television from internal batteries, you need nine D batteries (not supplied). For the best performance and longest life, we recommend alkaline batteries, such as Radio Shack Cat. No. 23-550.

You can also use rechargeable nickel-cadmium batteries, such as Cat. No. 23-123. If you use rechargeable nickel-cadmium batteries, you must charge/recharge them with a battery charger, such as Cat. No. 23-132.

Cautions:

- Use only fresh batteries of the required size and recommended type.
- Do not mix old and new batteries, different types of batteries (standard, alkaline, or rechargeable), or rechargeable batteries of different capacities.

Follow these steps to install batteries.

1. Gently push the battery compartment cover's two locking latches in the direction of the arrows and lift the cover.

illustration

2. Put nine D batteries into the battery compartment as indicated by the polarity symbols (+ and -) marked inside.

illustration

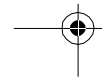
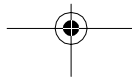
Caution: Installing the batteries with incorrect polarity can damage your television.

3. Replace the battery compartment cover.

When the TV picture shrinks or the sound quality is distorted, replace (or recharge) the batteries.

Cautions:

- If you do not plan to use your television for a month or more, or if you plan to use only an AC or DC adapter, remove the batteries. Batteries can leak chemicals that can destroy electronic parts.



- Dispose of old batteries promptly and properly. Do not burn or bury them.
- At the end of a nickel-cadmium battery's useful life, it must be recycled or disposed of properly. Contact your local, county, or state hazardous waste management authorities for information on recycling or disposal programs in your area. Some options that might be available are: municipal curbside collection, drop-off boxes at retailers such as your local Radio Shack store, recycling collection centers, and mail-back programs.

Note: Battery life can vary greatly, depending on how you use your television. TV operation drains batteries faster than radio operation.

Using Standard AC Power

To use AC power, connect the supplied AC adapter to the television's **DC 12–14V** jack. Then plug the other end into a standard AC outlet.

illustration

Cautions:

- The supplied AC adapter supplies 13 volts DC, delivers 850 milliamps, and has a center positive plug which properly fits the television's **DC 12–14V** jack. Using an adapter that does not meet these specifications could damage the television or the adapter.
- Always unplug the adapter from the outlet first before unplugging it from the television.

Using Your Vehicle's Battery Power

You can power the television from your vehicle's cigarette lighter socket using the supplied DC adapter.

Cautions:

- Watching TV while operating a motor vehicle can present a traffic hazard.
- Before plugging the adapter's cigarette lighter plug into your vehicle's cigarette lighter socket, make sure the knurled ring is screwed firmly onto the plug. See "Changing the Fuse" on Page 10 for more information about the plug.

Plug the small end of the supplied DC adapter into the **DC 12–14V** jack. Then unplug your vehicle's cigarette lighter and plug the large end of the DC adapter cord into the cigarette-lighter socket.

Outdoor Antenna

For improved reception, you can connect an optional outdoor VHF/UHF antenna to the television's **EXT ANT** jack.

illustration

illustration

Cautions:

- The supplied DC adapter supplies 12 volts DC and has a center positive plug which properly fits the television's **DC 12–14V** jack. Using an adapter that does not meet these specifications could damage the television or the adapter.
- Always unplug the DC adapter from the cigarette-lighter socket before you unplug it from the television.
- If the outdoor antenna wire is 300-ohm double lead-in wire, connect the wire using the supplied external 300-ohm antenna adapter.
- If the outdoor antenna wire or CATV cable is 75-ohm coaxial cable, connect the cable to the television's **EXT ANT** jack using an F-to- $1/8$ -inch mini plug adapter (such as Cat. No. 278-257, not supplied).

CONNECTING ANTENNAS

Built-In Antenna

You can receive VHF and UHF broadcast signals by using the built-in telescoping antenna, which usually provides good reception for the TV and FM radio.

- Extend the antenna to its full length for Channels 2–6 (VHF–LO).
- Extend the antenna to a shorter length for Channels 7–13 (VHF–HI).
- For the best UHF reception, extend the antenna to its full length for Channels 14–69.

Warning: When you install an outdoor antenna, use extreme caution. If the antenna starts to fall, let it go! It could contact overhead power lines. If the antenna touches the power line, contact with the antenna, mast, cable, or guy wires can cause electrocution and death. Call the power company to remove the antenna. Do not attempt to remove it yourself!

Notes:

- Your local Radio Shack store carries a wide selection of antennas and adapters.



- For better reception in your vehicle, you can connect a mobile TV antenna (such as Cat. No. 15-1614, not supplied) to the **EXT ANT** jack.
- The TV is not “cable ready.”

CONNECTING AN EARPHONE OR HEADPHONES

For private listening, you can connect an optional earphone or headphones with a 1/8-inch mini plug. Your local Radio Shack store carries a wide selection of earphones and headphones.

Insert the earphone's/headphones' plug into the television's **EAR** jack. This automatically disconnects the television's internal speaker.

illustration

Listening Safely

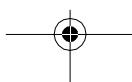
To protect your hearing, follow these guidelines when you use an earphone or headphones.

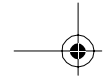
- Set the volume to the lowest setting before you begin listening. After you begin listening, adjust the volume to a comfortable level.
- Do not listen at extremely high volume levels. Extended, high-volume listening can lead to permanent hearing loss.
- Once you set the volume, do not increase it. Over time, your ears adapt to the volume level, so a volume level that does not cause discomfort might still damage your hearing.

Traffic Safety

Do not wear an earphone or headphones while operating a motor vehicle. This can create a traffic hazard and could be illegal in some areas.

Even though some earphones or headphones let you hear some outside sounds when listening at normal volume levels, they still can present a traffic hazard.





OPERATION



TV OPERATION

1. Rotate **VOLUME** toward the left to turn on the television.

illustration

2. Set **TV/AM/FM** to **TV**.

illustration

3. Set **VHF-LO/VHF-HI/UHF** to the desired band.

illustration

Channels:	Use:
2-6	VHF-LO
7-13	VHF-HI
14 and higher	UHF

4. Slowly rotate **TUNING** to the desired station.

illustration

5. Adjust the built-in telescoping antenna for the best picture and sound. (See "Built-In Antenna" on Page 5.)

illustration

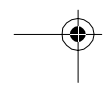
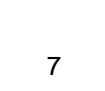
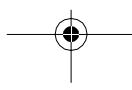
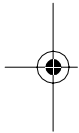
6. Adjust **BRIGHT** and **CONTRAST** on the back of the television until the desired picture appears.

illustration

7. If necessary, adjust **V-HOLD** on the back of the television to stop any vertical roll in the TV's picture.

illustration

8. Rotate **VOLUME** to the desired listening level.





9. Unfold the television's stand if needed to improve your viewing angle.

illustration showing TV stand/side

10. To turn off the television, rotate **VOLUME** toward the right until it clicks.

TV Reception Tips

- If the image is blurry, unstable, or has "snow," the signal reception might be weak. This can be caused by the television's location or the position and length of the telescoping antenna. Buildings made with large amounts of steel can cause reception problems. Try changing the position and length of the antenna. If this does not help, use an outdoor antenna (see "Connecting Antennas" on Page 5).
- If the TV picture shrinks during battery power operation, the batteries might be weak. Check and replace (or recharge) the batteries as needed.

RADIO OPERATION

1. Rotate **VOLUME** toward the left to turn on the television.

illustration

2. Set **TV/AM/FM** to **AM** or **FM** as desired.

illustration

3. Slowly rotate **TUNING** to the desired station.

illustration

4. Rotate **VOLUME** to the desired listening level.

5. To turn off the television, rotate **VOLUME** toward the right until it clicks.

Radio Reception Tips

- If FM reception is weak, try changing the position of the telescoping antenna. If this does not help, use an outdoor antenna (see "Connecting Antennas" on Page 5).
- If AM reception is weak, this may be due to the distance of the station or operation of the television in a building with steel construction. Turn the television in different directions for the best reception.



CARE AND MAINTENANCE

Your Portavision Portable 5-Inch Black and White VHF/UHF Television is an example of superior design and craftsmanship. The following suggestions will help you care for the television so you can enjoy it for years.



Keep the television dry. If it gets wet, wipe it dry immediately. Liquids might contain minerals that can corrode the electronic circuits.



Use and store the television only in normal temperature environments. Temperature extremes can shorten the life of electronic devices, damage batteries, and distort or melt plastic parts.



Keep the television away from dust and dirt, which can cause premature wear of parts.



Handle the television gently and carefully. Dropping it can damage circuit boards and cases and can cause the television to work improperly.



Use only fresh batteries of the required size and recommended type. Batteries can leak chemicals that damage your television's electronic parts.



Wipe the television with a damp cloth occasionally to keep it looking new. Do not use harsh chemicals, cleaning solvents, or strong detergents to clean the television.

Modifying or tampering with the television's internal components can cause a malfunction and might invalidate your television's warranty and void your FCC authorization to operate it. If your television is not performing as it should, take it to your local Radio Shack store for assistance.

CHANGING THE FUSE

If the television does not work while using vehicle battery power:

illustration

1. Unscrew the knurled ring on the DC power cord and remove the spring to check the fuse.
2. If the fuse is bad, replace it with a 3-amp fuse, such as Radio Shack Cat. No. 270-1009. Do not use a fuse with a different rating.
3. Replace the spring and the knurled ring. Tighten the ring securely.

THE FCC WANTS YOU TO KNOW

Your television might cause TV or radio interference even when it is operating properly. To determine whether your television is causing the interference, turn off your television. If the interference goes away, your television is causing the interference. Try to eliminate the interference by:

- Moving your television away from the TV or radio receiving the interference
- Connecting your television to an outlet that is on a different electrical circuit than the TV or radio receiving the interference
- Contacting your local Radio Shack store for assistance

If you cannot eliminate the interference, the FCC requires that you stop using your television.

SPECIFICATIONS

TV

System NTSC (American Standard)
Picture Tube 5 Inches (12.5 cm) Measured Diagonally
Tuner Contactless Electronic Tuner
Antenna Telescoping Rod Antenna
(External antenna jack is provided for connecting outdoor antenna)

Receive Channels

VHF-LO 2-6
VHF-HI 7-13
UHF 14-69

Sensitivity

VHF 40V (S/N: 20 dB)
UHF 63V (S/N: 30 dB)

Radio

Frequency Range
AM 530-1710 kHz
FM 88-108 MHz

Common

Power Source
AC 120V, 60 Hz Adapter
DC 13V DC (Nine D Batteries), 12V Vehicle Battery
Power Consumption DC 12.5 Watts, AC 20.0 Watts
Output Power 0.5 Watt
Output Impedance 16 Ohm
Speaker 16 Ohm, 1.0 Watt
Dimensions (HWD) 5 × 8 × 7⁵/₈ Inches (127 × 203 × 194 mm)
Weight (without Accessories) 5.5 lbs (2.5 kg)
Included Accessories AC Adapter, DC Adapter,
External 300-Ohm Antenna Adapter

Specifications are typical; individual units might vary. Specifications are subject to change and improvement without notice.

Limited Ninety-Day Warranty

This product is warranted by Radio Shack against manufacturing defects in material and workmanship under normal use for ninety (90) days from the date of purchase from Radio Shack company-owned stores and authorized Radio Shack franchisees and dealers. EXCEPT AS PROVIDED HEREIN, RADIO SHACK MAKES NO EXPRESS WARRANTIES AND ANY IMPLIED WARRANTIES, INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO THE DURATION OF THE WRITTEN LIMITED WARRANTIES CONTAINED HEREIN. EXCEPT AS PROVIDED HEREIN, RADIO SHACK SHALL HAVE NO LIABILITY OR RESPONSIBILITY TO CUSTOMER OR ANY OTHER PERSON OR ENTITY WITH RESPECT TO ANY LIABILITY, LOSS OR DAMAGE CAUSED DIRECTLY OR INDIRECTLY BY USE OR PERFORMANCE OF THE PRODUCT OR ARISING OUT OF ANY BREACH OF THIS WARRANTY, INCLUDING, BUT NOT LIMITED TO, ANY DAMAGES RESULTING FROM INCONVENIENCE, LOSS OF TIME, DATA, PROPERTY, REVENUE, OR PROFIT OR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, EVEN IF RADIO SHACK HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

Some states do not allow the limitations on how long an implied warranty lasts or the exclusion of incidental or consequential damages, so the above limitations or exclusions may not apply to you.

In the event of a product defect during the warranty period, take the product and the Radio Shack sales receipt as proof of purchase date to any Radio Shack store. Radio Shack will, at its option, unless otherwise provided by law: (a) correct the defect by product repair without charge for parts and labor; (b) replace the product with one of the same or similar design; or (c) refund the purchase price. All replaced parts and products, and products on which a refund is made, become the property of Radio Shack. New or reconditioned parts and products may be used in the performance of warranty service. Repaired or replaced parts and products are warranted for the remainder of the original warranty period. You will be charged for repair or replacement of the product made after the expiration of the warranty period.

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

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

Radio Shack Customer Relations, Dept. W, 100 Throckmorton St., Suite 600, Fort Worth, TX 76102

We Service What We Sell

3/97

RADIO SHACK
A Division of Tandy Corporation
Fort Worth, Texas 76102

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