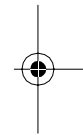
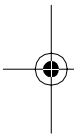




# **OPTIMUS® Color LCD TV**

Cat. No. 16-175



## **Features**

## **Features**

Your Optimus Color LCD TV fits in the palm of your hand! And, even though the TV is small, it has great features like these:

**Automatic Electronic Tuning System** — scans the VHF or UHF band and locks on to active channels.

**Flat Liquid Crystal Display (LCD)** — makes the TV more compact and uses less power than a standard picture tube.

**Fluorescent Backlight** — illuminates the LCD screen so you can watch the TV in the dark or in low-light conditions.

**Built-In Rod Antenna** — provides adequate reception in most metropolitan areas.

**Earphone Jack** — lets you enjoy private listening with an optional earphone.

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## Power

### BATTERIES

Your TV uses four AA batteries (not supplied). For the best results, we recommend alkaline batteries (RadioShack Cat. No. 23-552).

1. Lift up the stand, then slide off the battery compartment's cover in the direction of the arrow.
2. Insert four fresh batteries as indicated by the polarity symbols (+ and -) marked inside.

**Note:** You need to insert the first battery into the bottom row, then install other batteries over it.

**Caution:** Installing batteries incorrectly can damage the TV.

3. Replace the cover.

**Note:** The TV can operate for about 3 hours with alkaline batteries. When the sound level lowers or the picture becomes unstable, replace the batteries.

### AC POWER

You can power the TV from a standard AC outlet. You must use an optional AC adapter that supplies 6 volts and delivers at least 500 mA. Its center tip must be set to positive, and its plug must correctly fit the TV's **DC IN 6V** jack. (We recommend Cat. No. 273-1664.) Using an adapter that does not meet these specifications could seriously damage the TV or the adapter.

Set the adapter's voltage switch to 6V. Plug the adapter's 3.4 mm outer diameter/1.3 mm inner diameter barrel plug into the TV's **DC IN 6V** jack. Then plug the other end of the adapter into a standard AC outlet.

#### Notes:

- Do not leave the adapter plugged into the AC outlet or connected to the TV when you are not using the TV.
- Always unplug the adapter from the AC outlet first.

- Internal batteries automatically disconnect when you plug an adapter into the **DC IN 6V** jack.
- The adapter might become warm after extended periods of use.

### VEHICLE BATTERY POWER

You can use an optional DC adapter to power the TV from your vehicle's cigarette-lighter socket.

You must use a DC adapter that supplies 6 volts and delivers at least 500 mA. Its center tip must be set to positive, and its plug must correctly fit the TV's **DC IN 6V** jack. (We recommend Cat. No. 273-1801.) Using an adapter that does not meet these specifications could seriously damage the TV or the adapter. Set the adapter's voltage switch to 6V.

1. Plug the adapter's 3.4 mm outer diameter/1.3 mm inner diameter barrel plug into the TV's **DC IN 6V** jack.
2. Unplug your vehicle's cigarette lighter and plug the large end of the DC adapter cord into the cigarette lighter socket.

#### Notes:

- If the TV does not operate properly when you use DC power, be sure the cigarette-lighter socket is clean and that the adapter's plug is pushed all the way into the socket.
- Do not leave the adapter plugged into the cigarette-lighter socket or connected to the TV when you are not using the TV.
- Always unplug the adapter from the cigarette-lighter socket first.
- Internal batteries automatically disconnect when you plug an adapter into the **DC IN 6V** jack.

## Using Your TV

1. Extend the rod antenna.
2. Set **OFF/VHF/UHF** to **VHF** or **UHF**. The TV starts scanning and stops at the next active channel in the selected band.
3. Press **TUNING <** or **>** to tune to a different channel. The tuning line on the screen aligns with the selected channel number below the screen.
4. Adjust **VOLUME**.
5. Adjust **BRIGHT** for the desired brightness. The brightness also changes with the screen's angle.

### Notes:

- If desired, fold out the stand on the back of the TV and lean the TV on a flat surface at a convenient angle.
- If reception is poor, adjust the length or angle of the rod antenna. If inside a metal or concrete building, moving closer to a window might improve reception.

## BACKLIGHT

In low temperatures, the TV screen takes a few seconds to light, or it might be slightly red in color. This is not a malfunction. Normal operation resumes after a short while.

## USING AN EARPHONE

For private listening, you can connect an optional earphone with a 1/8-inch plug to the **EAR** jack. This automatically mutes the built-in speaker.

### Cautions:

- Set **VOLUME** to the lowest setting before you begin listening. Then adjust the volume to a comfortable level.
- Do not wear an earphone while operating a vehicle or riding a bicycle. This can cause a traffic hazard and is illegal in some areas.

## Troubleshooting

### *Color too light or no color.*

- Extend the antenna and set it to the proper angle.

### *No picture and no sound.*

- Be sure the batteries are fresh and inserted correctly.
- Be sure any adapter is correctly connected.

### *No picture and noisy sound.*

- Adjust the antenna.

### *Picture, but no sound.*

- Adjust **VOLUME**.
- Be sure you disconnected the earphone.

### *Sound, but the picture is all white, dark, or blurred.*

- Adjust **BRIGHT**.
- Be sure the batteries are fresh.

### *Picture is not clear (moves up or down, disappears periodically, becomes fuzzy or blurred, is doubled, etc.), but the TV has sound.*

- Be sure the antenna is fully extended. Adjust the antenna's angle and directions for the best reception.
- Be sure the batteries are fresh.
- Be sure the TV is away from appliances that might cause interference.
- In locations with poor reception, it might be impossible to get a clear picture or any picture at all. Change the location.

If you are unable to locate the problem, take the TV to your local RadioShack store for assistance.

### Care and Maintenance

Your Optimus Color LCD TV is an example of superior design and craftsmanship. These suggestions will help you care for it so you can enjoy it for years.

- Keep the TV dry. If it gets wet, wipe it dry immediately.
- Use only fresh batteries of the recommended size and type. Always remove old or weak batteries. They can leak chemicals that destroy electronic circuits.
- Handle the TV gently and carefully. Dropping it can damage circuit boards and cases and can cause the TV to work improperly. Be particularly careful of the display screen. Avoid putting the TV in your pocket or purse together with hard objects (coins, keys, etc.).
- Use and store the TV only in normal temperature environments.
- Keep the TV away from dust and dirt.
- Wipe the TV with a damp cloth occasionally to keep it looking new. Do not use harsh chemicals, cleaning solvents, or strong detergents to clean the TV.

Modifying or tampering with the TV's internal components can cause a malfunction and might invalidate the TV's warranty. If the TV is not performing as it should, take it to your local RadioShack store for assistance.

### Specifications

Channel Coverage .....	UHF: CH 14-CH 69 VHF: CH 2-CH 13
Display Element .....	High Resolution Color LCD (Twisted Nematic Type)
Screen Size .....	2 1/4 Inches Diagonally
Backlight .....	High-Luminance Fluorescent Material
Antenna .....	Rod
Speaker .....	1 1/16 Inch Diagonally
Terminals .....	DC IN 6V/EAR
Power Supply .....	Four AA Batteries AC Adapter 273-1664 DC Adapter 273-1801
Power Consumption .....	Approx. 2.5 Watts
Ambient Temperature .....	41-104°F (5-40°C)
Dimensions (HWD) .....	5 x 3 1/4 x 1 3/8 Inches
Weight .....	8.1 Oz. (Excluding Batteries)

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

#### RadioShack Limited Warranty

This product is warranted against defects for 90 days from date of purchase from RadioShack company-owned stores and authorized RadioShack franchisees and dealers. Within this period, we will repair it without charge for parts and labor. Simply **bring your RadioShack sales slip** as proof of purchase date to any RadioShack store. Warranty does not cover transportation costs. Nor does it cover a product subjected to misuse or accidental damage. EXCEPT AS PROVIDED HEREIN, RadioShack MAKES NO EXPRESS WARRANTIES AND ANY IMPLIED WARRANTIES ARE LIMITED IN DURATION TO THE DURATION OF THE WRITTEN LIMITED WARRANTIES CONTAINED HEREIN. Some states do not permit limitation or exclusion of implied warranties; therefore, the aforesaid limitation(s) or exclusion(s) may not apply to the purchaser. This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

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