

# 3" TFT LCD TV

16-3012

## Power

### BATTERY POWER

Your TV requires four AA batteries (not supplied). You may purchase alkaline batteries from your local RadioShack store.

1. Slide off the battery compartment cover.
2. Insert the batteries into the compartment as indicated by the polarity symbols (+ and -) marked inside.
3. Replace the cover.

### Notes:

- The TV can operate for about 3 hours with alkaline batteries. When the sound level lowers or the picture becomes unstable, replace the batteries.
- The TV's internal batteries automatically disconnect when you connect an adapter.

### AC POWER

You can power the TV using a regulated 6V AC adapter of at least 550 mA, and a size B Adaptaplug™ adapter (neither supplied). Both are available at your local RadioShack store.

Set the adapter's voltage switch to 6V. Insert the Adaptaplug into the adapter's cord, aligning + with TIP. Plug the Adaptaplug's barrel plug into the TV's DC IN 6V jack. Then, plug the other end of the AC adapter cord into a standard AC outlet.

**Note:** The adapter might become warm after extended periods of use.

### USING VEHICLE BATTERY POWER

You can power the TV from a vehicle's 12V power source (such as a cigarette-lighter socket) using a 6V, 550-mA DC adapter and a size B Adaptaplug™ adapter (neither supplied).

Set the adapter's voltage switch to 6V. Insert the Adaptaplug into the adapter's cord, aligning + with TIP. Plug the Adaptaplug's barrel plug into the TV's DC IN 6V jack. Unplug the vehicle's cigarette lighter and plug the large end of the DC adapter cord into the cigarette-lighter socket.

**Note:** 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 properly connected to the socket.

**EXT. ANT. JACK** - Lets you connect an external antenna for optimum reception in weak signal areas.

**Tuning </>** - Press the control to adjust the TV to the desired channel.



**Rod Antenna** — provides adequate reception in most metropolitan areas

**3" Flat LCD** - makes the TV more compact and uses less power than a standard picture tube.

**Stand** - Use the stand to lean the TV against flat surfaces.

**Volume** - Turn the dial to adjust the volume level.

**Bright** - Turn dial to adjust the brightness level.

**Ear Jack** - Lets you enjoy private listening with an optional earphone.



## Optional Accessories



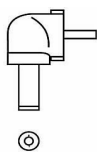
6V Vehicle DC Adapter



Earphones



6V AC to DC Adapter



Size B Adaptaplug



Alkaline Batteries

## Using Your TV

1. Extend the rod antenna and slide UHF/VHF/OFF to VHF or UHF. The TV starts scanning and stops at the next active channel in the selected band.
2. Press **TUNING** to tune to a different channel. The tuning line on the screen aligns with the selected channel number below the screen.
3. To adjust the volume, rotate **VOLUME** located on the right side of the TV.
4. To adjust the picture to the desired brightness, rotate **BRIGHT** located on the right side of the TV. The brightness also changes with the screen's angle.

### 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 few seconds.

### 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.

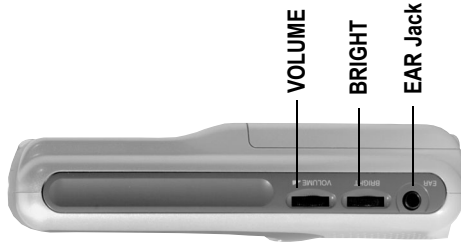
### Cautions:

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

### USING THE TV AS A MONITOR

You can play back the signal from an audio/video component connected to your TV's AUDIO/VIDEO jack. You will need a Y-adaptor cable (not supplied), available at your local RadioShack store. Connect the cable's red plug to the component's video output jack, and its white plug to the component's audio output jack. Then, plug the cable's mini plug into the TV's AUDIO/VIDEO jack.

**Note:** Connecting an audio/video component disables the TV's antenna.



## External Antenna

If you are in an area with weak TV signals, or inside a metal or concrete building, you might need an external antenna to improve reception.

Connect the antenna to the **EXT. ANT.** jack. If your antenna wire is 75-ohm coaxial cable, use an F-to-mini plug adapter to complete the connection. If you have 300-ohm wire, use a 300-to-75 ohm mini plug adapter. Both are available at your local RadioShack store.

EXT. ANT. Jack



## Care

These suggestions will help you care for your LCD TV so you can enjoy it for years.

- Keep the TV dry. If it gets wet, wipe it dry immediately.
  - Handle the TV gently and carefully. Dropping it can damage the circuit boards and cases and can cause the TV to work improperly. Be particularly careful of the screen. Avoid putting the TV in your pocket or purse together with hard objects (such as coins or keys).
  - 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 and void your FCC authorization to operate it.
- Caution:** This product contains mercury and must be recycled or disposed of properly.

## Troubleshooting

**Color too light or no color.**

- Extend the antenna and set it at a different angle.

**No picture and no sound.**

- Be sure the batteries are fresh and inserted correctly.
- If you use an adapter, be sure it is connected correctly.

**No picture and noisy sound.**

- Adjust the antenna.

**Picture, but no sound.**

- Adjust VOLUME.
- Be sure an earphone is not connected.

**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, or is doubled), but the TV has sound.**

- Be sure the antenna is fully extended. Adjust the antenna's angle and direction 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 your TV is not operating as it should, take it to your local RadioShack store or call 1-800-THE-SHACK for assistance.

## Power Cautions

- Use only fresh batteries of the required size and type. Batteries can leak chemicals that damage your TV's electronic parts.
- Dispose of old batteries promptly and properly. Do not burn or bury them. Batteries can leak chemicals that may destroy electronic parts.
- Do not mix old and new batteries, different types of batteries (standard, alkaline, or rechargeable), or rechargeable batteries of different capacities.
- You must use a regulated Class 2 power source that supplies 6V DC and delivers at least 550 mA. Its center tip must be set to positive and its plug must fit the TV's **DC IN 6V** jack. Using an adapter that does not meet these specifications could damage the TV or the adapter.
- Always connect the AC adapter to the TV before you connect it to AC power. When you finish, disconnect the adapter from AC power before you disconnect it from the TV.
- Do not leave the adapter plugged into the AC outlet, plugged into the cigarette-lighter socket or connected to the TV when you are not using the TV.

## FCC Wants You to Know

This device complies with Part 15 of FCC Rules. Operation of this device is subject to the following two conditions:

- The TV may not cause harmful interference.
- The TV must accept any interference received, including interference that may cause undesired operation.

## Specifications

Channel Coverage	UHF: CH 14-CH 69 VHF: CH 2-CH 13
Display Element	High Resolution Color LCD (Thin Film Transistor Type)
Drive System	Active Matrix System
Screen Size	3 Inches (76 mm) Diagonally
Backlight	High-Luminescent Fluorescent Material
Antenna	Telescoping Rod
Speaker	1 1/8-Inch Diagonally
Terminals	DC IN 6V, EAR, EXT. ANT., AUDIO/VIDEO
Power Supply	Four AA Batteries
Power Consumption	Approx. 3.3 Watts
Dimensions (HWD)	5 1/4 x 3 3/8 x 1 1/2 Inches (134 x 86 x 35 mm)
Weight (Not Including Batteries)	7.4 oz (210 g)

*"Specifications are typical; individual units might vary. Specifications are subject to change and improvement without notice. Actual product may vary from the images shown in this document."*

## Limited 90-Day Warranty

This product is warranted by RadioShack against manufacturing defects in material and workmanship under normal use for ninety (90) days from the date of purchase from RadioShack company-owned stores and authorized RadioShack franchisees and dealers. EXCEPT AS PROVIDED HEREIN, RadioShack 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, RadioShack 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 RadioShack HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

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 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 RadioShack sales receipt as proof of purchase date to any RadioShack store. RadioShack 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 RadioShack. New or reconditioned parts and products may be used in the performance of warranty service. Repaired or replaced parts 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 RadioShack 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.

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