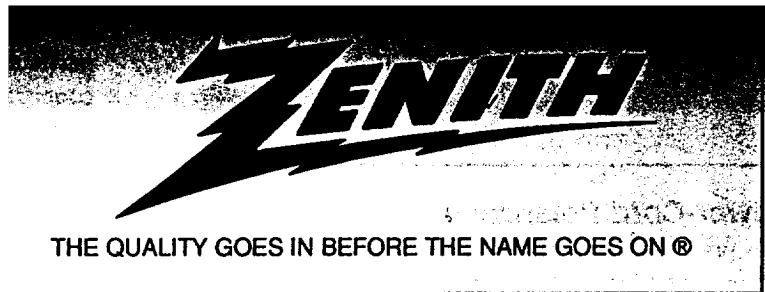


**OPERATING GUIDE  
&  
WARRANTY**



**¡ Aviso para nuestros  
clientes de habla hispana:  
consulte la información que  
aparece al final de este manual!**

**SENTRY 2**  
**Monaural Color TV**



**Return the Product Registration  
Card, and your TV could be free!**



## WARNING

**RISK OF ELECTRIC SHOCK  
DO NOT OPEN**



**WARNING:** TO REDUCE THE RISK OF ELECTRIC SHOCK DO NOT REMOVE COVER (OR BACK). NO USER SERVICEABLE PARTS INSIDE. REFER TO QUALIFIED SERVICE PERSONNEL.

TO PREVENT FIRE OR SHOCK HAZARDS, DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE.



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated “dangerous voltage” within the product’s enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

### Safety Tips

Refer to the “Safety Tips” booklet that came with your product for important safety considerations.

### Note to Cable TV System Installer

This reminder is provided to call the cable TV system installer’s attention to Article 820-40 of the NEC that provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of the cable entry as practical.

### Power-Cord Polarization

This product is equipped with a polarized alternating-current line plug (a plug having one blade wider than the other.) This plug will fit into the power outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug.

### CAUTION

To prevent electric shock, match wide blade of plug to wide slot, fully insert.

### ATTENTION

Pour éviter les chocs électriques, introduire la lame la plus large de la fiche dans la borne correspondante de la prise et pousser jusqu’au fond.

### CAUTION

To reduce the risk of fire, do not place any heating or cooking appliances beneath this unit.

### ATTENTION

Pour réduire les risques de feu, ne pas placer un appareil électrique ou un électroménager sous cet appareil.

---

# CONTENTS

---

## INTRODUCTION

Welcome .....	ii
Installation Considerations .....	ii

## INSTALLING UNDER-CABINET BRACKET (SOME MODELS)

Installing Under-Cabinet Bracket .....	1-1
--	-----

## CONNECTIONS FOR YOUR TV

Make Basic Connection to TV .....	2-1
-----------------------------------	-----

## THE FIRST TIME YOU OPERATE YOUR TV

Step 1. Connect the Power .....	3-1
Step 2. Use Auto Ch. (Channel) Search .....	3-1
Step 3. Set the Clock .....	3-2
Step 4. Use Ch. (Channel) Add/Del .....	3-2

## GETTING TO KNOW YOUR TV

Typical Control Panel .....	4-1
Earphone Jack .....	4-1
Sleep Timer (Some Models) .....	4-1

## REMOTE CONTROL MODEL SC2400

Operation .....	5-1
Installing Batteries .....	5-1

## REMOTE CONTROL MODEL SC3390

Operation .....	6-1
Preparation for Use .....	6-2
Installing Batteries .....	6-2

## QUICK REFERENCE TO ON-SCREEN MENUS

Available Menus .....	7-1
Basic Menu Operation .....	7-1
Menu Operation Example .....	7-2

## SETUP MENU

Auto Ch. (Channel) Search .....	8-1
Ch. (Channel) Add/Del .....	8-2
Tuning Band .....	8-2
Auto Fine Tune .....	8-3
Clock Set .....	8-3
Captions .....	8-4

## VIDEO MENU

Contrast .....	9-1
Brightness .....	9-1
Color .....	9-1
Tint .....	9-1
Sharpness .....	9-1
Picture Pref. (Preference) .....	9-1

## MAINTENANCE AND TROUBLESHOOTING

Caring for Your TV .....	10-1
Extended Absence .....	10-1
TV Picture Interference .....	10-1
Before Calling for Service .....	10-2

## Product Registration Card

## Recommended Accessories for Your Television

## Aviso para nuestros clientes de habla hispana

## Your Zenith Warranty

## HOW TO USE YOUR OPERATING GUIDE

This operating guide describes a family of TV models. Some models have features that are not provided on other models. Different control panels and remote controls may be used from model-to-model. Refer to the applicable sections of this operating guide for the features and items provided with your TV.

---

# INTRODUCTION

---

## WELCOME

Welcome into the family of Zenith Color Television owners. This guide provides instructions on how to operate your new TV. It is supplemented by a booklet containing Safety Tips. We urge you to read these publications carefully so that you will receive full enjoyment from your new Zenith TV for many years to come.

Your new TV has been designed and built to give you the very best in quality, features and performance. There are thousands of Zenith authorized service centers throughout the U.S., Canada and Mexico who can attend promptly and effectively to ordinary service needs.

If you should have an unusual performance or service problem that cannot be satisfactorily resolved by your Zenith dealer or Zenith authorized service center, contact us at:

### Zenith Electronics Corporation

Customer Service Department

1000 Milwaukee Avenue

Glenview, Illinois 60025-2493

Telephone: (708) 391-8752

Mon-Fri, 8:00 a.m. - 4:30 p.m. Central Time

Provide the model number, serial number, and date of purchase or original installation, with a full explanation of the problem and the service history. We will welcome the opportunity to look into your specific question or problem and to be of assistance in resolving it promptly.

The model and serial numbers of your new TV are located on the back of the TV cabinet. For your future convenience and protection, we suggest that you record these numbers here:

Model No. \_\_\_\_\_

Serial No. \_\_\_\_\_

---

## INSTALLATION CONSIDERATIONS



Before you install your TV...

**Ventilation** — Proper ventilation keeps your TV running cool. Air circulates through perforations in the back and bottom of the cabinet. Do not block these vents or you will shorten the life of your TV.



**Power Source** — Your TV is designed to operate on normal household current, 120 volt 60 Hertz AC. It has also been designed to operate on 12-Volt DC Negative Ground current.



**AC Power Cord** — (Zenith Part No. 11-364) has a 5-pin connector at one end which plugs into the TV. The other end of the power cord has a polarized plug as required by Underwriters' Laboratories. It has one regular blade and one wide blade and fits only one way into a standard electrical outlet. If the blades will not enter either way, your outlet is very old and non-standard. A new outlet should be installed by a qualified electrician. Always plug the 5-pin connector into the receptacle on the back of the TV before plugging the polarized plug into the power outlet.



**The DC Power Cord** — (Zenith Part No. 11-369) has a 5-pin connector on one end which plugs into the receptacle on the back of the TV. The other end has a round cigarette lighter type plug which is inserted into your vehicle's cigarette lighter. Before using the DC cord make certain that your system is 12-Volt **NEGATIVE GROUND**.

Never plug it into a **POSITIVE GROUND** system; your set will not operate and can be damaged as a result. Always plug the 5-pin connector into the receptacle on the back of the TV, before plugging the cigarette lighter connector into the cigarette lighter socket.



**Safe Operation** — Your TV is manufactured and tested with your safety in mind. However, unusual stress caused by dropping or mishandling, exposure to flood, fire, rain or moisture, or accidental spilling of liquids into the TV, can result in potential electrical shock or fire hazards. If this happens, have your TV checked by a service technician before using it again.

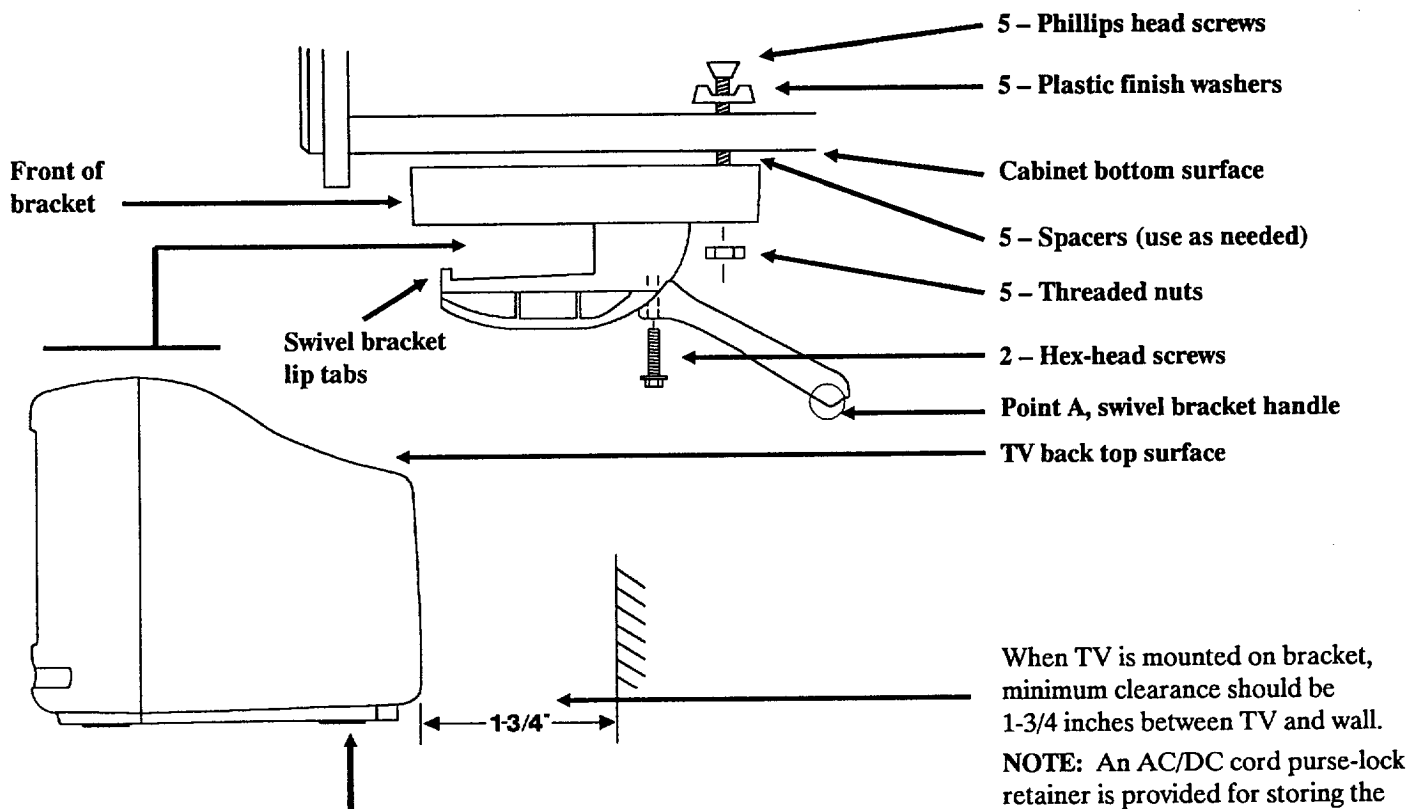
**Please read and observe each safety point in the "Safety Tips" folder when installing and using your TV.**

### VIDEO GAMES AND OTHER FIXED

**PATTERN DISPLAY CAUTION** — If you use your TV for video games, teletext or other fixed displays, avoid setting the **BRIGHTNESS** control for an excessively bright picture. A bright, fixed pattern, if used for long periods of time, can result in a permanent imprint on the TV picture tube. You can reduce this possibility by alternating the use of the fixed pattern display with normal TV picture viewing, by turning down the **CONTRAST** control for sustained fixed pattern use, and by turning off the fixed pattern display when not in use.

**PLUGGING IN YOUR TV** — Wherever possible plug your TV into an "unswitched" power source. If the power to the TV is interrupted, you will have to reset the clock in the TV to the current time.

# INSTALLING UNDER-CABINET BRACKET (SOME MODELS)



Monopole antenna may be installed under TV cabinet for use with under-cabinet bracket.

## Step 1. (Before Under-Cabinet Installation)

Use the 2 hex-head screws supplied to attach the bracket handle to the bracket swivel. Use a 1/4 inch hex-head nut driver.

## Step 2.

Insert the swivel bracket lip into the top recess of the TV cabinet only until the lip tabs snap and lock into position. (Point "A" of the swivel bracket handle must be in positive contact with the TV's back top surface.)

Place the TV with the bracket attached in the desired location.

**NOTE:** Be sure you have at least 1-3/4 inches of clearance to the wall, or other surface if there is one, behind the back of the TV to allow enough clearance to install and remove the TV from the swivel bracket when required.

Using a graphite pencil, mark a thin line along the back, right and left side edges at the top of the bracket where it meets the cabinet mounting surface. Use this pencil line as a guide for positioning the swivel bracket template used for drilling the 5 holes that will be used to secure the bracket into position. Use a center punch or other sharp instrument to make indents or marks to be used for drilling into the under-cabinet surface; use a drill bit at least 3/16 inches in diameter. (Do this for all the holes and check each one for accuracy; all holes must align with the drilling template.)

Remove the bracket from the TV set by lifting the bracket handle up only far enough until it snaps out of position and slide it out from the TV.

Attach the swivel bracket to the under-cabinet surface. Install the appropriate length threaded screws, plastic finish washers and threaded nuts for each of the 5 holes you drilled that were marked with the template.

**NOTE:** If your kitchen cabinet has a long bottom skirt, you may need to use the extra spacers provided so that the bracket and TV will be located far enough below the cabinet for viewing.

## Step 3. (After Under-Cabinet Installation)

Once the bracket is mounted and secured to the under-cabinet surface, attach the TV set to the bracket by sliding the TV cabinet over the bracket lip as before until the TV snaps into its secured position. Shift the left/right angle of the TV to the desired viewing position.

To remove TV from bracket, securely hold TV, lift swivel bracket handle up high enough to allow the TV to be released from the lip tabs, slide TV away from bracket.

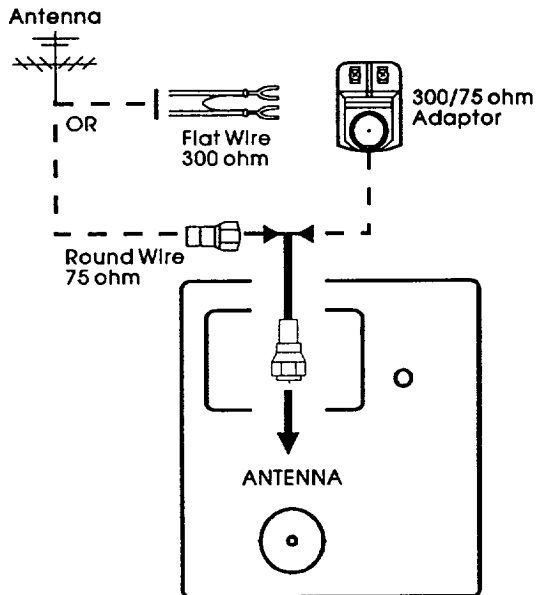
## Step 4.

Be sure to avoid installing the AC or DC cords near any heating elements or cooking appliances. An AC/DC cord purse-lock retainer is provided for storing the cord that is not in use.

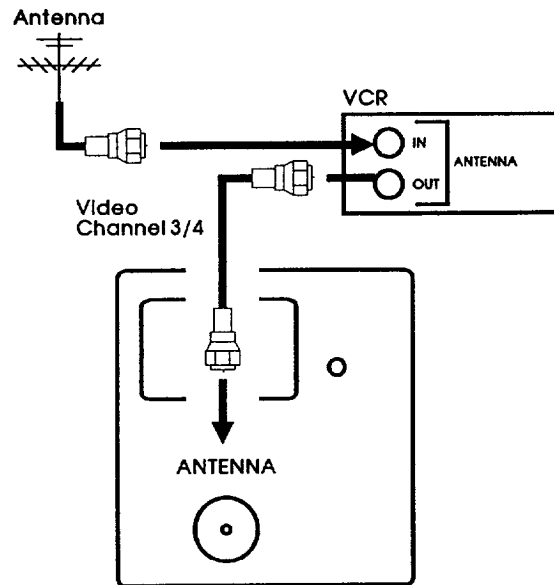
# CONNECTIONS FOR YOUR TV

## MAKE BASIC CONNECTION TO TV

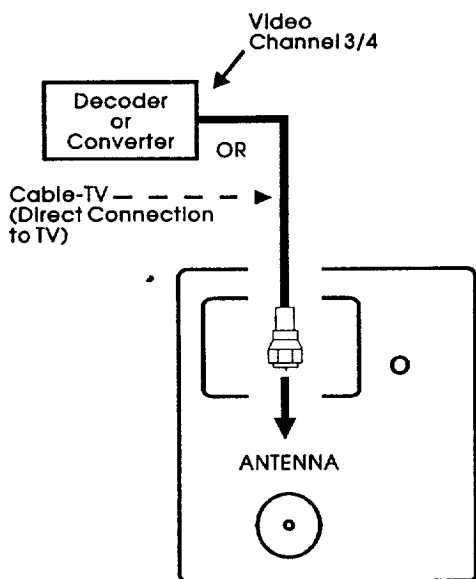
Select the hook up that best fits your needs.



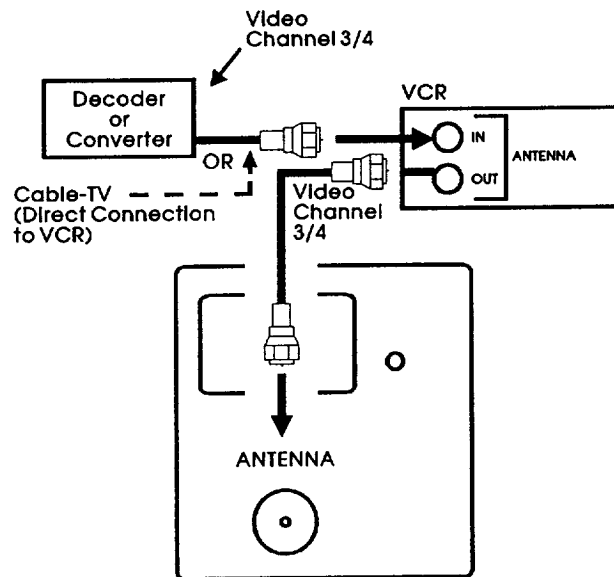
**Antenna Direct to TV**



**Antenna Through VCR to TV**



**Cable Direct to TV**



**Cable Through VCR to TV**

# THE FIRST TIME YOU OPERATE YOUR TV

## STEP 1. CONNECT THE POWER

### A. Plug TV into power source.

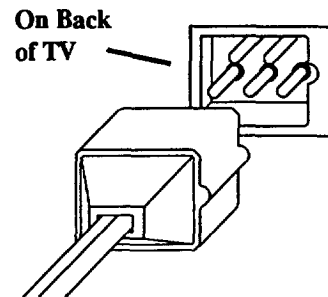
For the DC models both an AC and a DC power cord are supplied with your TV.

1. Connect either the AC or DC cord into the 5-pin power cord receptacle, located on the back of the TV. Always do this first before connecting the other end into the power source.

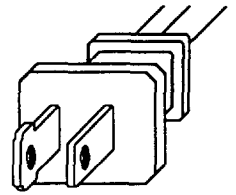
2. Plug AC models into an unswitched AC power source.

Plug DC models into a 12-volt negative ground system only (such as a car type cigarette lighter receptacle).

### B. Turn the TV on by pressing OFF-ON.



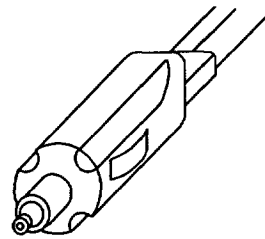
**5-Pin Power Connector**  
(P/O Cords 11-364 and -369)



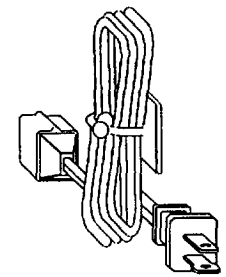
**AC Power Plug**  
(P/O Power Cord 11-369)



**CAUTION:** Do not install these power cords near any heating element or cooking appliances.



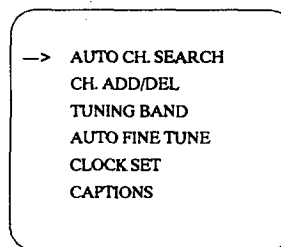
**DC Power Plug**  
(P/O Power Cord 11-364)



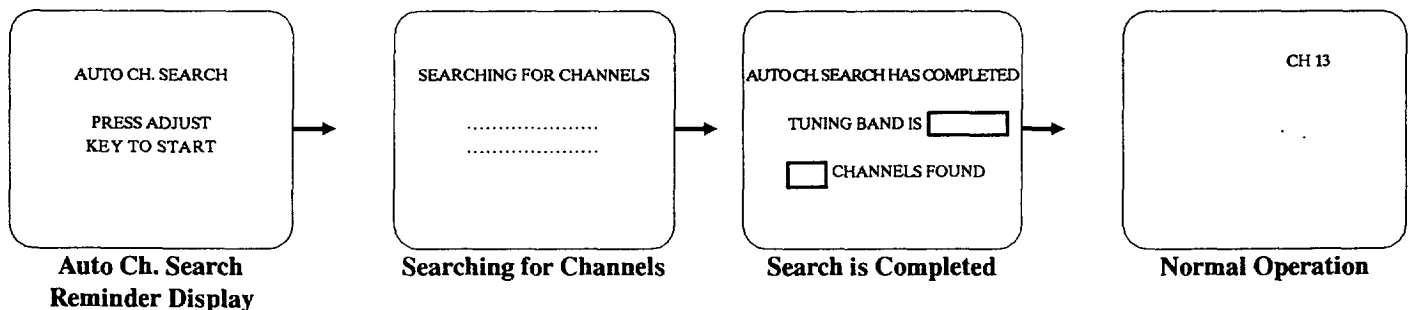
**Purse-Lock Self-Adhesive  
Cord Retainer**

## STEP 2. USE AUTO CH. (Channel) SEARCH

When your TV is first powered up you will see the AUTO CH. SEARCH reminder display. AUTO CH. SEARCH finds all available channels and stores them in the memory of the TV. To activate AUTO CH. SEARCH, press ADJUST (ADJ) Left/Right.



**Setup Menu with Auto  
Ch. Search Highlighted**



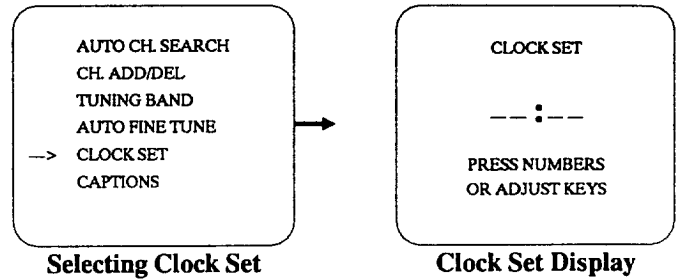
---

# THE FIRST TIME YOU OPERATE YOUR TV

---

## STEP 3. SET THE CLOCK

1. Press MENU repeatedly until the SETUP MENU is shown.
2. Press SELECT (SEL) to highlight CLOCK SET.
3. Press ADJUST (ADJ) Left/Right to access the sub-menu for CLOCK SET.
4. Use numbered buttons on remote control to enter correct time and TIMER to select AM or PM. You can also use ADJUST (ADJ) Left/Right to advance the 24 hour clock.
5. Press ENTER (ENT) to start the clock and return to normal viewing.



---

## STEP 4. USE CH. (Channel) ADD/DEL

Program the channels accessed by using CHANNEL (CH) Up/Down. Refer to the CH. ADD/DEL option for details.



# GETTING TO KNOW YOUR TV

## TYPICAL CONTROL PANEL

The control panel on your TV may differ from the one shown.

**NOTE:** Some TVs have a vertical control panel – the operation is the same as described for the control panels shown above.

### ENTER (ENT)

Press to see the Channel/Time display, or to remove any on-screen display or menu.

### SELECT (SEL)

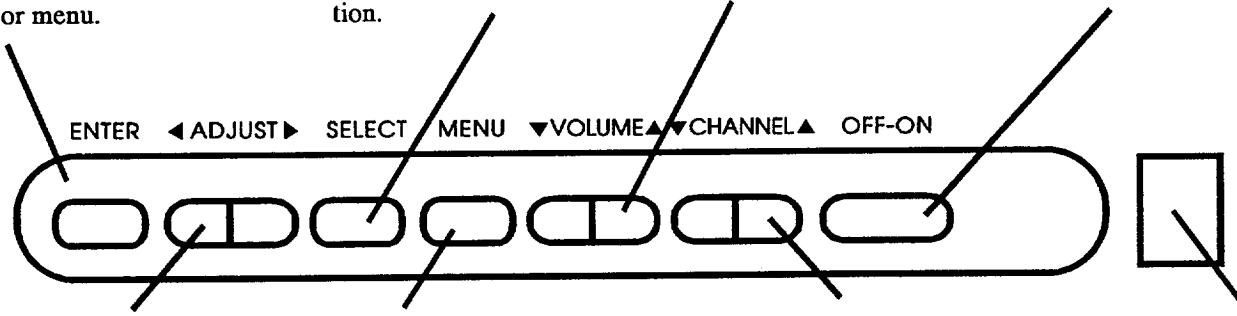
Press during on-screen menu operations to select a menu option.

### VOLUME (VOL) Up/Down

Press to increase or decrease the sound level.

### OFF-ON

Press to turn TV power ON or OFF.



### ADJUST (ADJ) Left/Right

Press during on-screen menu operation to see information/status display for selected option. Press again to adjust the selected menu option.

### MENU

Press once to see a menu. Press repeatedly to sequence through the available menus.

### CHANNEL (CH) Up/Down

Press to select channels higher or lower than the channels being viewed. You can add channels to or delete channels from the scanning sequence stored in memory of the TV. See CH. ADD/DEL option for channel programming information.

### Remote Window

Point the remote control towards this window to operate the TV.

## EARPHONE JACK

The earphone jack is used to connect a private listening earphone (optional item) to your TV set. When the earphone is plugged in, the TV speaker is turned off. This permits you to enjoy TV programs without disturbing others in the area. Any earphone having an 8-ohm impedance and terminated in a 3.5mm (1/8") subminiature plug may be used.

**CAUTION:** When using the earphone, we suggest that you set the volume on the TV to a low level before putting the earphone in your ear. Then adjust the volume to a comfortable listening level.

## SLEEP TIMER (SOME MODELS)

Some remote controls are equipped with a **TIMER** button that provides access to the **SLEEP TIMER** available with some TV models. By using the **SLEEP TIMER**, you can program the TV to automatically shut off after a period from 15 minutes up to 4 hours.

### To Set SLEEP TIMER

1. Press **TIMER** to see status display.
2. Press **TIMER** repeatedly until you reach desired shut-off time.

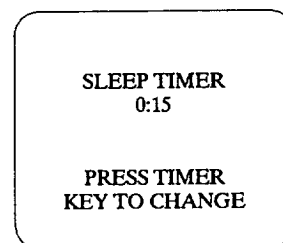
One minute before the TV shuts off, the **GOOD NIGHT** display appears on the screen. At this time you have a choice of the following three actions.

1. Do nothing. The TV will shut off in one minute.
2. Remove the **GOOD NIGHT** display by pressing **ENTER (ENT)**. The TV will still shut off in one minute.
3. Delay the shut off by using **TIMER** to select a new shut off time.

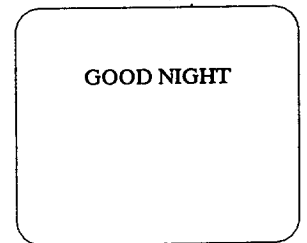
### To Cancel the SLEEP TIMER

You can cancel the **SLEEP TIMER** by setting the **SLEEP TIMER** status to **OFF**. Press **TIMER** repeatedly until **OFF** is selected.

**NOTE:** The **SLEEP TIMER** resets to **OFF** when you turn off the TV.



Sleep Timer Display



"Good Night" Display

# REMOTE CONTROL MODEL SC2400

## OPERATION



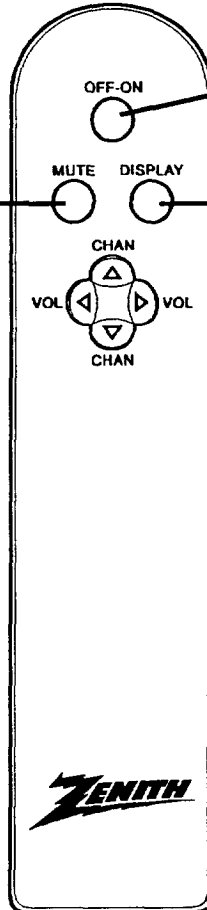
For optimum performance, point the remote control toward your Zenith TV.

### MUTE

Used to turn off sound while the picture remains. Press again to restore the sound.

### VOLUME Up/Down

Used to adjust the volume level of the TV.



### OFF-ON

Used to turn TV ON or OFF.

### DISPLAY

Used to view the Channel/Time Display or to remove any on-screen menu or display.

### CHANNEL Up/Down

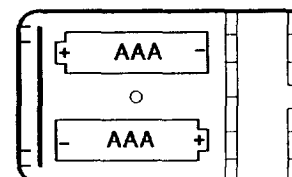
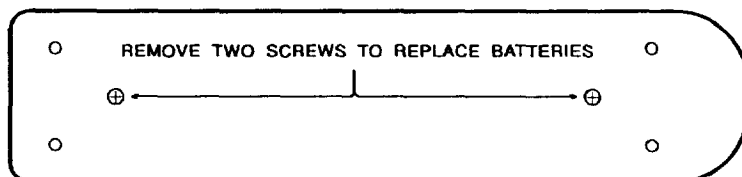
Used to select a TV channel by going up or down through channels programmed in your favorite channels scan sequence.

SC2400

## INSTALLING BATTERIES

When the effective operating range of your remote becomes noticeably shorter, replace the batteries with two (2) high quality, alkaline, size AAA batteries.

**NOTE:** Zenith is not responsible for damage caused by battery leakage.



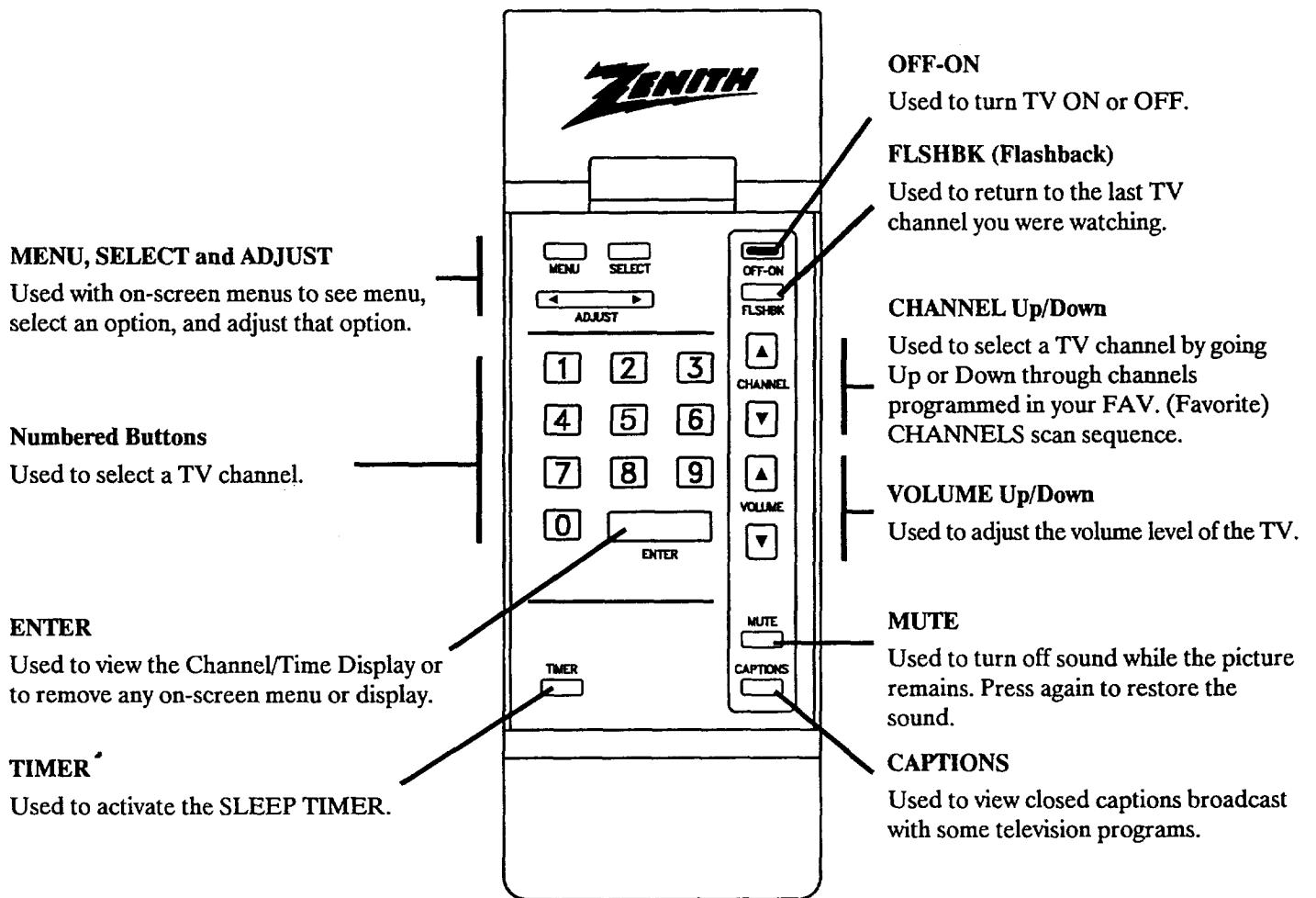
# REMOTE CONTROL MODEL SC3390

## OPERATION

This remote control provides access to all on-screen menus, as well as, access to special features that cannot be accessed by using the control panel on the TV.



For optimum performance, point the remote control toward your Zenith TV.



SC3390

---

# REMOTE CONTROL MODEL SC3390

---

## PREPARATION FOR USE

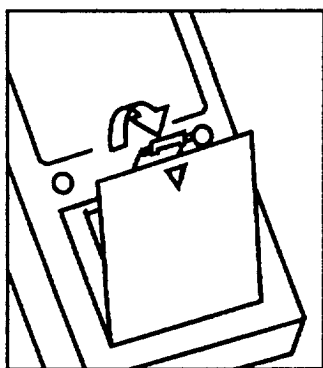
Batteries are provided with this remote, but you must install them before using the remote.

---

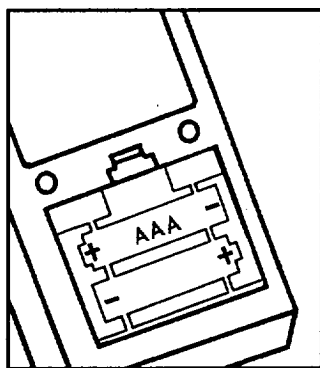
## INSTALLING BATTERIES

When the effective operating range of your remote becomes noticeably shorter, replace the batteries with two (2) high quality, alkaline, size AAA batteries.

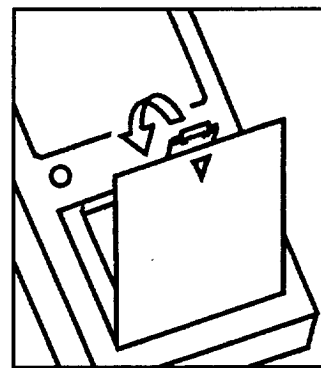
**NOTE:** Zenith is not responsible for damage caused by battery leakage.



Step 1.



Step 2.

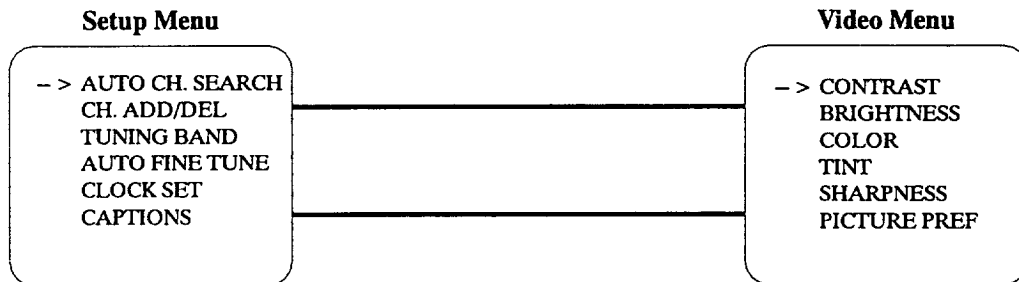


Step 3.

# QUICK REFERENCE TO ON-SCREEN MENUS

## AVAILABLE MENUS

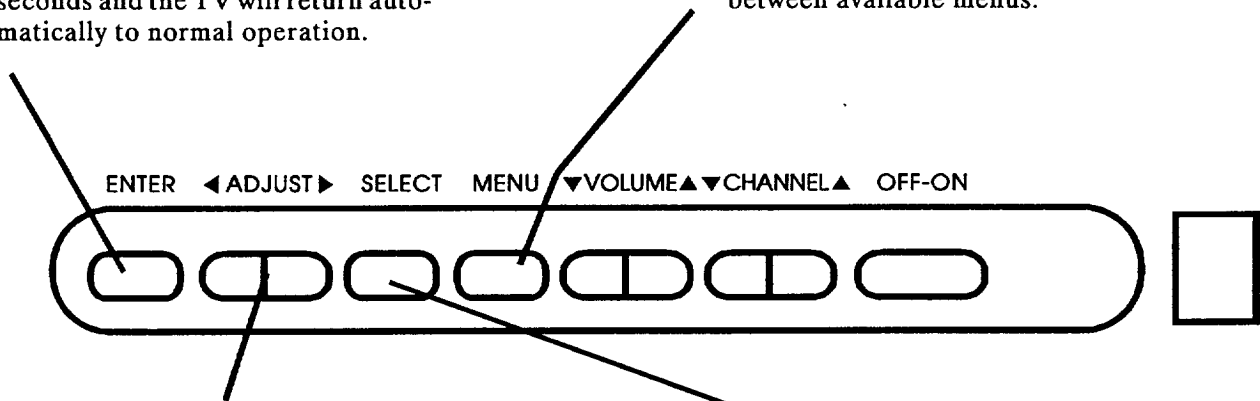
Your TV is menu operated, that is, adjustments that can be made to the TV appear on the screen in a list of choices you can make.



## BASIC MENU OPERATION

4. Press ENTER (ENT) or wait a few seconds and the TV will return automatically to normal operation.

1. Press MENU repeatedly to choose between available menus.



3. Press ADJUST (ADJ) Left/Right to access the submenu for the selected option.

2. Press SELECT (SEL) repeatedly until the desired option is highlighted.

Press ◂ ADJUST (ADJ) Left/Right again to adjust the option.

# QUICK REFERENCE TO ON-SCREEN MENUS

## MENU OPERATION EXAMPLE



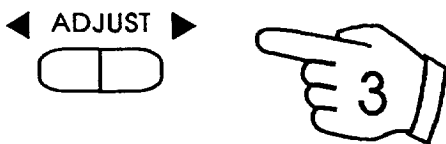
-> AUTO CH. SEARCH  
CH. ADD/DEL  
TUNING BAND  
AUTO FINE TUNE  
CLOCK SET  
CAPTIONS

Press MENU repeatedly until the desired menu is shown.  
This example shows choosing the SETUP Menu.



AUTO CH. SEARCH  
CH. ADD/DEL  
-> TUNING BAND  
AUTO FINE TUNE  
CLOCK SET  
CAPTIONS

Press SELECT (SEL) repeatedly until the desired option is highlighted. This example shows choosing TUNING BAND.



AUTO CH. SEARCH  
CH. ADD/DEL  
-> TUNING BAND  
AUTO FINE TUNE  
CLOCK SET  
CAPTIONS

TUNING BAND  
BROADCAST  
PRESS ADJUST  
KEY TO CHANGE

Press ADJUST (ADJ) Left/Right to access the submenu for TUNING BAND.

Press ADJUST (ADJ) Left/Right again to adjust the TUNING BAND.



Press ENTER (ENT) or wait a few seconds and the TV will return to normal operation.

# SETUP MENU

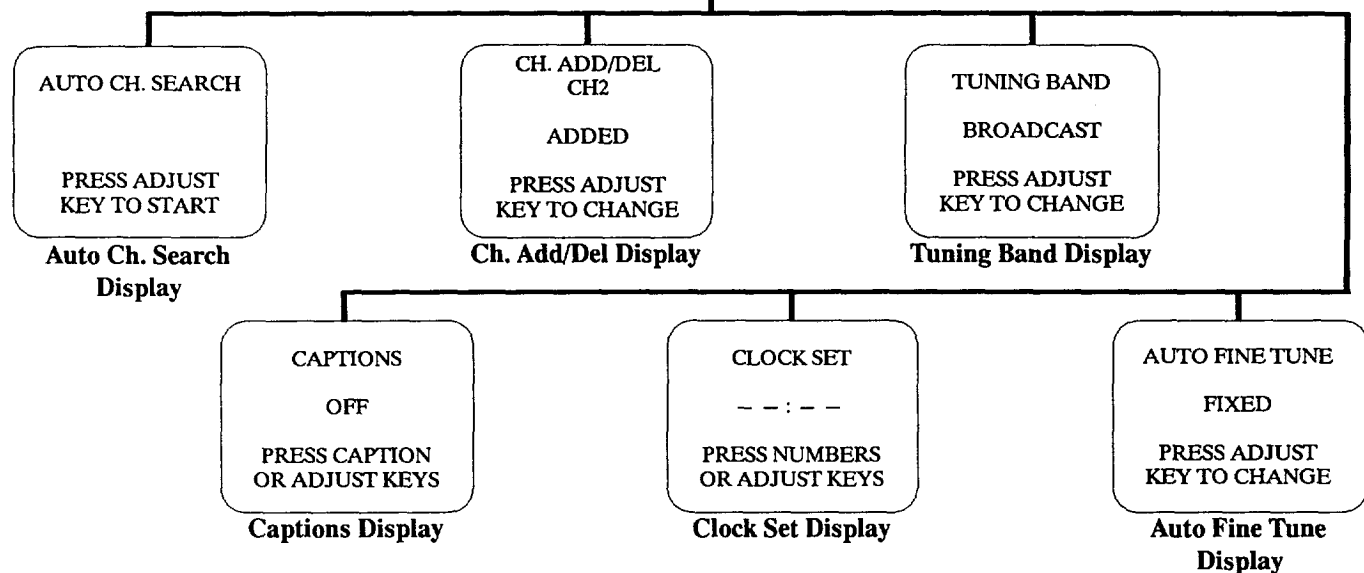
## To Access SETUP Menu

Refer to the "Quick Reference to On-Screen Menus" section for details.

--> AUTO CH. SEARCH  
CH. ADD/DEL  
TUNING BAND  
AUTO FINE TUNE  
CLOCK SET  
CAPTIONS

## Before Using SETUP Menu

Connect and turn ON all external equipment, such as cable TV decoder, VCR, etc. before using any item on the SETUP Menu.



## AUTO CH. (Channel) SEARCH

### Purpose

Finds all available channels and stores them in the memory of the TV for access by CHANNEL (CH) Up/Down.

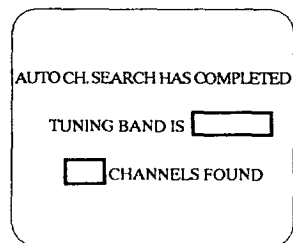
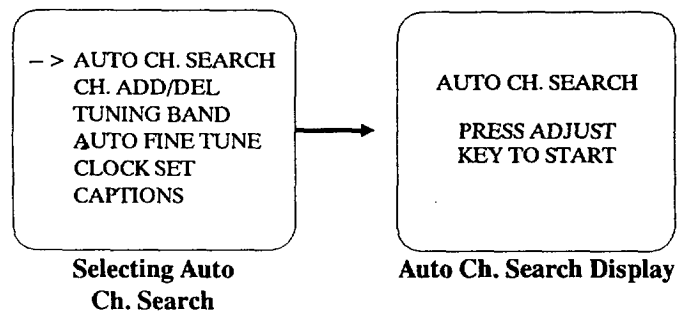
Use AUTO CH. SEARCH only when you first install your TV, or when you permanently change the connections to the TV. For example, when you replace the antenna with a cable-TV system.

### To Use AUTO CH. SEARCH

Press ADJUST (ADJ) Left/Right to start Auto Ch. Search.

### When Some Channels Are Not Found

AUTO CH. SEARCH finds only active channels and stores them in the favorite channel memory. You can add channels to those stored in memory by using the CH. ADD/DEL option.



Status When Search is Complete

---

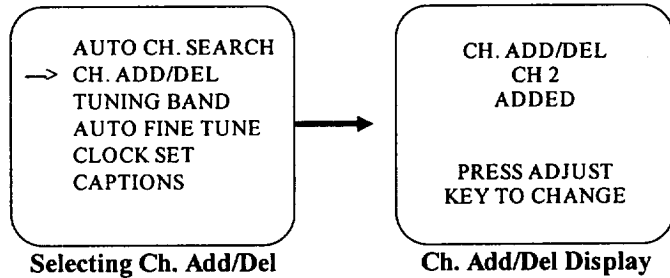
# SETUP MENU

---

## CH. (Channel) ADD/DEL

### Purpose

Lets you add channels to and remove channels from the active channels found when using the AUTO CH. SEARCH option. In this way you can customize the channels that are accessed through CHANNEL (CH) Up/Down.



### To Add a Channel to Scan Sequence

1. Use CHANNEL (CH) Up/Down to go to the nearest channel ABOVE the channel you wish to add.
2. Press SELECT repeatedly to go down to the channel you wish to add.
3. Add channel by pressing ADJUST (ADJ) Left/Right until the display shows ADDED.

### To Delete a Channel from Scan Sequence

1. Use CHANNEL (CH) Up/Down to go to the channel you wish to remove.
2. Delete channel by pressing ADJUST (ADJ) Left/Right until the display shows DELETED.

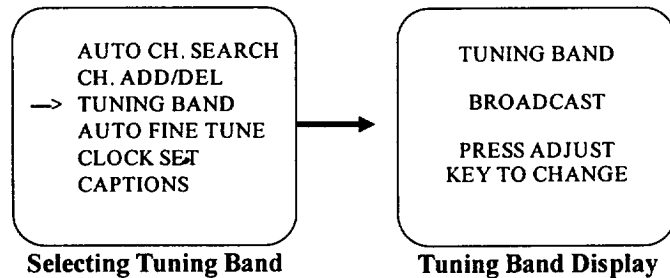
---

## TUNING BAND

### Purpose

Allows for setting the TV channel selector (tuner) to match your antenna or cable-TV system.

If you are having difficulty tuning channels, the TUNING BAND may have to be set manually to match your viewing needs.



### To Use TUNING BAND

Press ADJUST (ADJ) Left/Right to select the tuning band that gives you the most channels:

- BROADCAST — is used for standard “over-the-air” broadcasts.
- CABLE — CATV is used for most standard cable-TV (CATV) systems.
- CABLE — HRC is used for cable-TV systems that use HRC (Harmonically Related Carrier).
- CABLE — ICC is used for cable-TV systems using ICC (Incremental Coherent Carrier).

### Available Channels per Band

The channels that are available in the broadcast and cable tuning bands are shown below:

- BROADCAST Band — VHF 2 to 13, UHF 14 to 69  
CATV, HRC and ICC Bands — 1 to 125



---

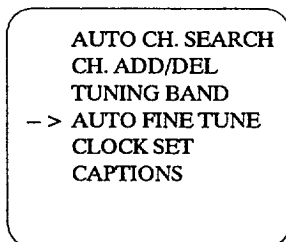
# SETUP MENU

---

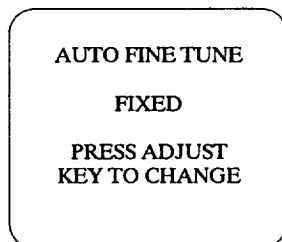
## AUTO FINE TUNE

### Purpose

Lets your TV compensate for variations in broadcast and cable-TV frequencies.



Selecting Auto Fine Tune



Auto Fine Tune Display

If you are having difficulty tuning channels, the AUTO FINE TUNE may have to be set manually to match your viewing needs.

### To Use AUTO FINE TUNE

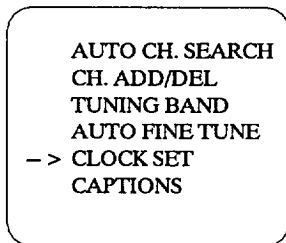
Press ADJUST (ADJ) Left/Right to select the mode of operation that gives you the most channels:

- FIXED is used to receive “over-the-air” TV stations, and with many cable-TV systems.
- SEARCH is used only when the TV must search to find the frequency being received, such as when used with certain cable-TV systems, VCRs and video game controllers.

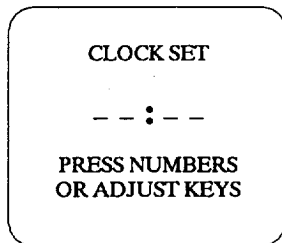
## CLOCK SET

### Purpose

Sets the clock in the TV to the correct time.



Selecting Clock Set



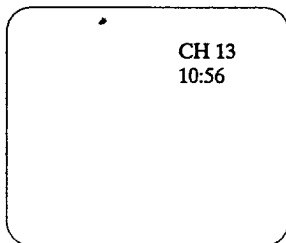
Clock Set Display

### To Use CLOCK SET from Remote Control

Use numbered buttons on remote control to enter correct time and TIMER to select AM or PM. You can also use ADJUST (ADJ) Left/Right to advance the 24 hour clock. Press ENTER (ENT) to start the clock.

### To Use CLOCK SET from Control Panel

Use ADJUST (ADJ) Left/Right to set the time. Press ENTER (ENT) to start the clock.



Channel/Time Display

---

# SETUP MENU

---

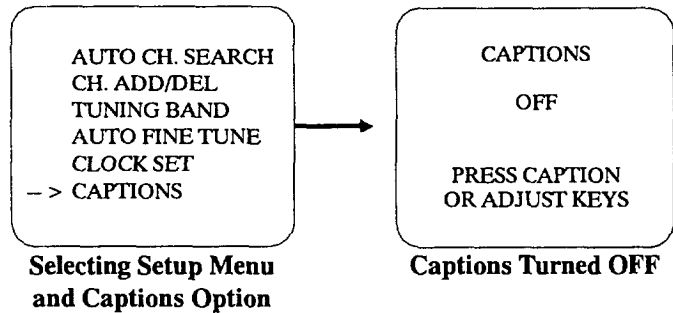
## CAPTIONS

### Purpose

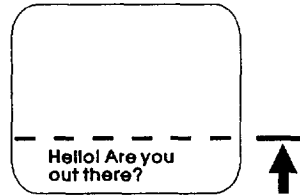
Displays closed captions (CC) or informational text when available on the selected channel.

### To Use CAPTIONS

Press ADJUST (ADJ) Left/Right to select desired mode of operation. Five different selections can be made: OFF, CAPTION 1, CAPTION 2, TEXT 1 or TEXT 2.

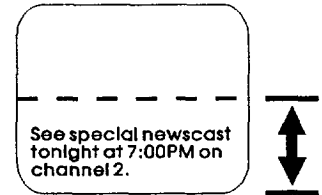


At the time of this writing, very little appears in any selection except CAPTION 1. Therefore you should select CAPTION 1 and leave it in that selection unless you know there is something you want to see in one of the other selections. Once you make a selection, that selection is remembered until you change it.



### Typical Captions Display

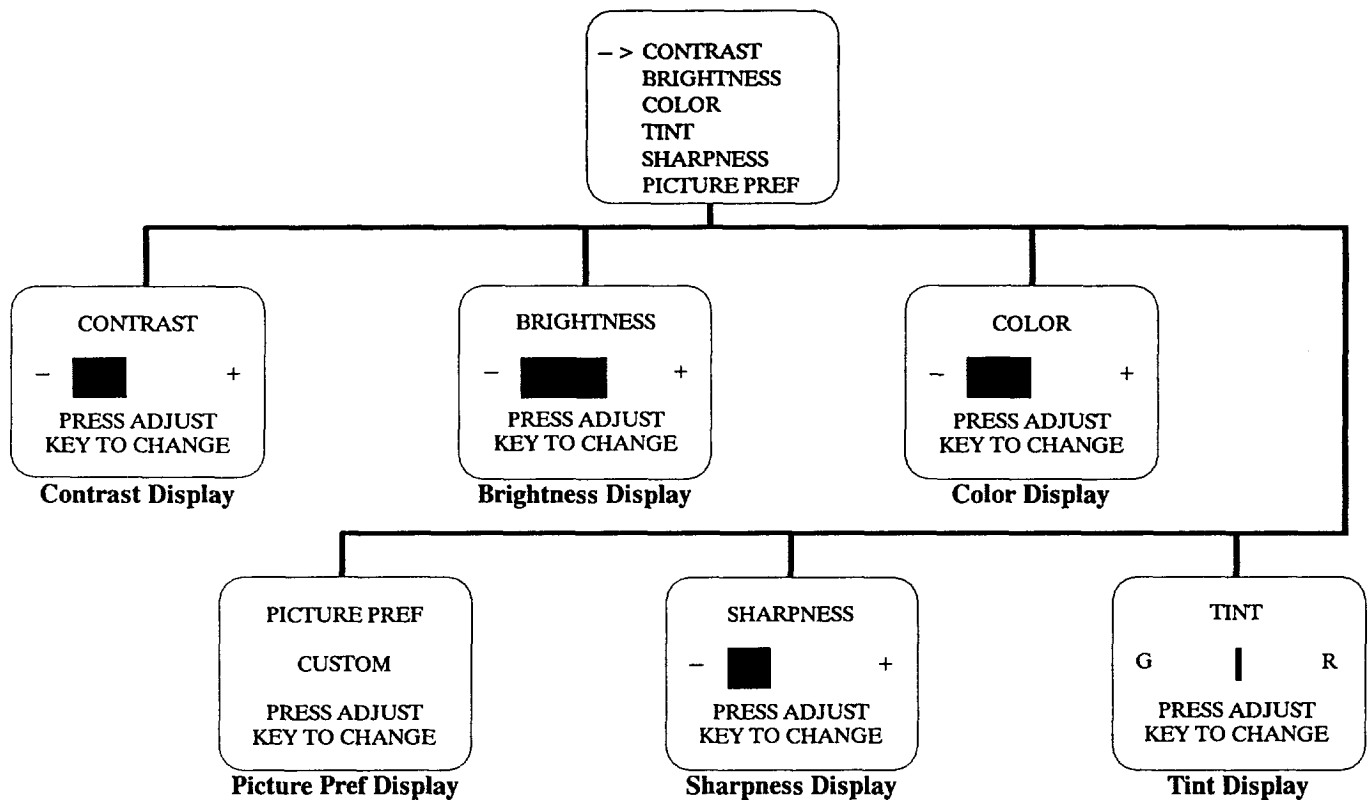
Captions may be shown anywhere on the screen.



### Typical Text Display

Fixed size text window fills lower half of screen. May be all black when no information is shown.

# VIDEO MENU



CONTRAST	Adjusts the overall contrast and color level of the picture.
BRIGHTNESS	Adjusts the brightness level of black areas in the picture.
COLOR	Adjusts the intensity of the colors in the picture.
TINT	Adjusts the color of the flesh tones, where G is Green and R is Red.
SHARPNESS	Adjusts the clarity of the edges of objects for the clearest picture quality.
PICTURE PREF. (Preference)	Lets you decide if you want to use your own CUSTOM video settings, or the factory set PRESET video settings.

### To Access VIDEO Menu

Refer to the "Quick Reference to On-Screen Menus" section for details.

**NOTE:** All adjustments on the VIDEO Menu are optional. You do not have to use these features in order to use your TV.

### To Use Video Settings

1. Select video setting to be adjusted.
2. Press ADJUST (ADJ) Left/Right until the most pleasing picture is seen.

**NOTE:** Any adjustment made to these settings while PICTURE PREF. is in PRESET mode will automatically store the current settings as the CUSTOM setting.

### To Use PICTURE PREF. (Preference)

Press ADJUST (ADJ) Left/Right to select status.

---

# MAINTENANCE AND TROUBLESHOOTING

---

## CARING FOR YOUR TV

Your TV will look better, have a longer life and perform better if you care for it properly.



First check to see that the TV is off. For added safety, unplug the TV from the power outlet.

**NOTE:** If you unplug your TV, you will have to reset the clock to the current time.

### Picture Glass Cleaning

The picture tube face attracts dust particles and should be cleaned regularly. To clean the face, spray a small amount of glass cleaner on a cleaning cloth and wipe the picture tube glass face until clean. Repeat if necessary.

To delay new dust accumulation, wet a soft cloth in lukewarm water in which a little fabric softener or Ivory dishwashing detergent has been mixed. Wring the cloth almost dry. Wipe the glass face. Make sure no drops of moisture are squeezed onto the glass. Do not wipe the glass dry. Allow the glass to air-dry before you turn the TV on again.

### Cabinet Care

**Non-Wood Cabinet or Cabinet Components:** Moisten a soft cloth with a mild soap solution or Ivory dishwashing detergent. Wipe the surface with a damp cloth. Then rinse the cloth in clean water and wipe the surface again. Allow the TV to air-dry before turning it on.

**Wood Cabinets or Cabinet Components:** Use any good furniture cleaner and polish. Regular care will help preserve the finish.

---

## EXTENDED ABSENCE

Before an extended absence (such as a vacation) you may want to unplug the TV from the outlet. This will protect the TV from possible damage from lightning or power line surges. If you have an outdoor antenna, you may also want to disconnect the antenna lead-in wires on the back of the TV.

**NOTE:** If you unplug your TV, you will have to reset the clock to the current time.

---

## TV PICTURE INTERFERENCE

Your TV picture may be affected by interference caused by one or a number of factors.

### Nearby Automobile Ignition, Electrical Appliances:

Produces a speckled, streaked picture, most noticeable in weak signal areas.

**Snow in Picture:** Caused by weak signal being received. Usually caused by the TV being located too far from the TV station or by an improper antenna installation.

**Ghosts or Reflections:** Caused by signals being reflected from surrounding buildings, water tanks, or other high structures.

**Radio Signal:** Rolling picture, herringbone pattern or torn picture caused by police, amateur or CB radio transmitters.

These interference problems can often be corrected through the use of a better antenna, signal amplifier, or various filter devices. See your TV dealer for additional information, and for available TV accessories.

# MAINTENANCE AND TROUBLESHOOTING

## BEFORE CALLING FOR SERVICE

Check these items and see if you can correct the trouble by changing the adjustment of a control or the setting of a switch.

By making these simple checks before calling for service, you may save time and money.

Problem	Try This
Picture OK. Poor sound.	Re-orient antenna. Try another channel – possible station trouble. Check for local interference. Check AUTO FINE TUNE and TUNING BAND options on SETUP Menu.
Sound OK. Poor picture.	Re-orient antenna. Try another channel – possible station trouble. Adjust VIDEO Menu options with PICTURE PREF. in CUSTOM mode. Trouble with cable-TV system?
No picture or sound.	Is TV on? Is there power in wall outlet? Is TV plugged in? Is antenna hooked up? Is cable hooked up? Trouble with cable-TV system? Check channel selection. Check TUNING BAND and AUTO FINE TUNE options on SETUP Menu.
Picture blurred or distorted. Ghost in picture.	Check antenna or cable hook up for broken wires. Try another channel – possible station trouble. Check for local interference.
No color, or poor color.	Is it a color program? Check antenna or cable hook up for broken wires. Adjust VIDEO Menu options with PICTURE PREF. in the CUSTOM mode.
No sound.	VOLUME (VOL) setting may be too low. Check MUTE button operation on remote control.
Cannot select certain channels.	Channels may be skipped in CH. ADD/DEL option on SETUP Menu. Check TUNING BAND and AUTO FINE TUNE options on SETUP MENU.
No closed captions	Are captions available? Is CAPTION 1 or CAPTION 2 selected using the CAPTIONS option on the SETUP Menu?
Black or blue box covers half of screen.	Is TEXT 1 or TEXT 2 selected using the CAPTIONS option on the SETUP Menu and is text information available?
Remote control does not work.	Are batteries okay? Is TV turned ON? Is TV plugged in?

Always request that your technician use only genuine Zenith exact replacement parts for continued Quality and Safety performance. Keep your Zenith ALL Zenith.

**NOTE:** If your TV fails to respond to the PICTURE PREF. selection, or to any other menu selection, you must reset the TV. Simply disconnect the AC power cord from the power outlet. Wait a few minutes, then plug the TV back into the power outlet. You will have to reset the clock to the current time.

# PRODUCT REGISTRATION CARD

**You could win a full refund on your new Zenith product.**

Look for the Product Registration Card on your new video product.

Each month a drawing is held by Zenith from the completed Product Registration Cards received during the preceding month. Zenith will reimburse the winner for the full purchase price of the product purchased.

In order to participate, simply complete and return the Product Registration Card at once, even if you choose not to complete the information and interests portion of the questionnaire.

## Product Card lost or misplaced?

The Product Registration Card furnished with your video product is pre-printed with its Model and Serial numbers. Please fill out the card and mail it at your earliest convenience. It is imperative that Zenith know how to reach you promptly if we discover a safety problem that would affect you. If the original card has been lost or misplaced, you may use the replacement card provided below. Either card will qualify you for the free drawing, but you are limited to only one entry in the drawing. Complete the card, place it in an envelope and mail it to:

**Zenith Electronics Corporation**  
P. O. Box 173257  
Denver, CO 80217-3257

Use the replacement Product Registration Card only if the original card has been misplaced or lost.

The odds of winning the free drawing described above, depend on the number of participants. Free drawing offer is void in Canada and other places where restricted or prohibited by law. Offer is void for Hotel/Motel and Institutional models. Rental models are not eligible.

PHOTOCOPY AND CUT ALONG DASHED LINE

## Zenith Product Registration Card

H5Z01-01

① Please Print Clearly or Type

② Area Code Telephone

1.  Mr. 2.  Mrs. 3.  Ms. 4.  Miss

\_\_\_\_-\_\_\_\_

First Name

Initial Last Name

\_\_\_\_\_

Street

Apt. No.

\_\_\_\_\_

City

\_\_\_\_\_

State Zip Code

\_\_\_\_-\_\_\_\_

③ Date of Purchase

Mo. Day Yr.

\_\_\_\_-\_\_\_\_-\_\_\_\_

MODEL NUMBER	_____
Copy Numbers Here From Label on Set	
SERIAL NUMBER	_____

← Please record the model number and serial number from the sticker on the back of your set.

# BROKEN OR LOST REMOTE CONTROL?

Makes a great spare remote control too!



For an **Exact Replacement Remote Control** for your new Zenith Television, see your local Zenith Dealer or order direct by calling 1-800-255-6790. To assure the correct remote for your new Zenith, please have your television's model number ready!

ONLY \$39.95

PHOTOCOPY PAGE AND DETACH HERE

To order these fine accessories, please fill out this card and return a photocopy to:

Attn: Accessory Offers  
 Zenith Video Tech Corporation  
 1000 Milwaukee Avenue  
 Glenview, Illinois 60025-2493  
 or call **1-800-255-6790**

Check or money order  
 (Made payable to Zenith Video Tech Corp.)

Visa     Mastercard

Account #

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Expiration Date: \_\_\_\_\_ Signature: \_\_\_\_\_

**IMPORTANT: PLEASE BE SURE TO COMPLETE THE INFORMATION BELOW.**

TV Model Number <small>(from sticker on back of unit)</small>	TV Serial Number <small>(from sticker on back of unit)</small>	Mo. / Day / Yr. <small>(Approx. date of purchase.)</small>
--	---	---

PLEASE ALLOW UP TO 3 WEEKS FOR DELIVERY. THANK YOU!

ITEM NUMBER	DESCRIPTION	QUANTITY	PRICE PER ITEM	TOTAL PRICE
Sales Tax: Please add your state sales tax if you live in one of the following states.			<b>SUBTOTAL</b>	
CA 7 3/4%, GA 4%, IL 8 3/4%, KS 4.9%, KY 6%, ME 8%, PA 8%, RI 7%, TX 7 3/4%, VA 4 1/2%, WA 8.2%.			<b>STATE SALES TAX</b>	
			<b>SHIPPING &amp; HANDLING</b>	<b>\$4.50</b>
			<b>TOTAL AMOUNT OF ORDER</b>	

**SHIP TO:**

Telephone: (     ) \_\_\_\_\_

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Apt. # \_\_\_\_\_ City \_\_\_\_\_

State \_\_\_\_\_ Zip Code \_\_\_\_\_

**NOTE:** Orders can only be sent to customers within the United States.





---

# YOUR ZENITH WARRANTY

---

## **Consumer Protection Plan for Zenith TV**

Welcome into the Zenith family! We believe that you will be pleased with your new Zenith Color TV. Please read this Consumer Protection Plan carefully. It is a "LIMITED WARRANTY" as defined under Federal Law. This warranty gives you specific legal rights, and you may also have other rights that vary from state to state within the U.S.A.

### **Zenith's Responsibility**

**Service Labor** — During a period of 90 days from effective warranty date, Zenith will pay for service labor by a Zenith authorized service center when needed as a result of manufacturing defects.

**Parts** — New or remanufactured replacements for factory-defective parts will be supplied by a Zenith authorized service center for one year from effective warranty date (color picture tube — two years). Such replacement parts are warranted for the remaining portion of the original warranty period.

**Home Service** — Warranty service for 19" diagonal (U.S.A.) or larger screen size models is provided in the home in most cases. (Some repairs may require the unit to be taken by the servicer to the repair facility and returned, at no additional charge.)

**Not Covered** — This warranty covers manufacturing defects and does not cover installation, adjustment of customer controls in the home, installation or repair of home antenna systems, cable converters or cable company-supplied equipment; it also does not cover damage due to misuse, abuse, negligence, acts of God or other causes beyond the control of Zenith. Any alteration of the product after manufacture voids this warranty in its entirety.

## **Owner's Responsibility**

**Effective Warranty Date** — Warranty begins on the date of original consumer installation. For your convenience, keep the dealers dated bill of sale or delivery ticket as evidence of the purchase date.

**Operating Guide** — Read your Operating Guide carefully so that you will understand the operation of your set and how to adjust the customer controls.

**Carry-In Service** — Models under 19" diagonal (U.S.A.) screen size must be taken to a Zenith authorized service center for warranty service and must be picked up by the owner.

**Antenna** — Reception problems caused by inadequate home antennas or faulty antenna connections are the owner's responsibility.

**Important: Product Registration** — Please fill out and mail your Product Registration Card. It is imperative that Zenith know how to reach you promptly if we should discover a safety problem that could affect you.

**Warranty Service** — For warranty service information, contact your Zenith dealer preferably, or any Zenith authorized service center. Parts and service labor that are Zenith's responsibility (see above) will be provided without charge. Other service is at the owner's expense. If you have any problem in obtaining satisfactory warranty service, write:

**Zenith Electronics Corporation**  
Customer Service Department  
1000 Milwaukee Avenue  
Glenview, Illinois 60025-2493  
Telephone: (708) 391-8752  
Mon-Fri, 8:00 a.m. - 4:30 p.m. Central Time

**NOTE:** Before you ask for Warranty service, check the Operating Guide section entitled, "MAINTENANCE AND TROUBLESHOOTING." It may be possible to avoid a service call.

ZENITH ELECTRONICS CORPORATION  
1000 MILWAUKEE AVENUE  
GLENVIEW, ILLINOIS 60025

Part No. 206-2728  
Printed in U.S.A.  
EP-ED

---