



Thanks for  
choosing Zenith!

**RECORD YOUR MODEL NUMBER**

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

MODEL NO. \_\_\_\_\_

SERIAL NO. \_\_\_\_\_

**WARNING:**

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



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.

**WARNING:**

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

**POWER CORD POLARIZATION:**

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.

**NOTE TO CABLE/TV INSTALLER:**

This reminder is provided to call the cable TV system installer's attention to Article 820-40 of the National Electric Code (U.S.A.). The code 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.

**REGULATORY INFORMATION:**

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 when the equipment is operated in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this 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 the 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.

**CAUTION:**

Do not attempt to modify this product in any way without written authorization from Zenith Electronics Corporation. Unauthorized modification could void the user's authority to operate this product.

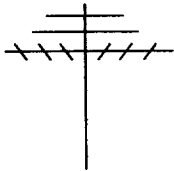
### Hook-Up Directory

This page will direct you to which page to go to for proper hook-up of your Entertainment Machine.

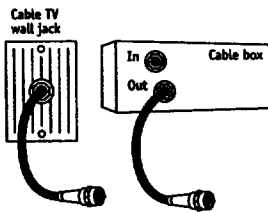
#### IMPORTANT!!

Use this page to decide where you need to begin your set up. First, find the line below that best describes what you want to do, then go to that page number.

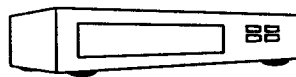
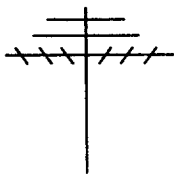
**Antenna only** If you are using an antenna and no other equipment, go to ..... page 4



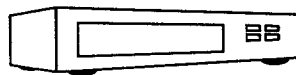
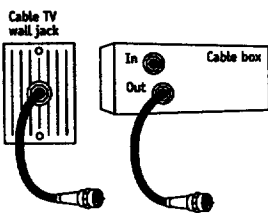
**Cable only** If you have cable and no other equipment, go to ..... page 5



**Antenna with VCR** If you are using an antenna and have a VCR, go to ..... page 6



**Cable and VCR** If you have cable and a VCR, go to ..... page 7

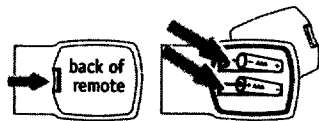


*Feeling brave? If you just want some general hook-up information about customizing your own set-up, then skip to page 8.*

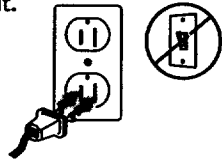
Connect off-air antenna your Entertainment Machine

## Hook Up Your Antenna to the TV


- 1** Locate the Antenna/Cable jack on the back of your Entertainment Machine.
- 2** Connect the cable that runs from the wall directly to this jack, according to the diagram to the right.
- 3** Remove the back of the remote and put in two AAA batteries.





- 4** Plug in your TV. Do not plug it into a switched outlet. Your Entertainment Machine is designed to operate on household current, 120-volt 60 Hertz AC. Do not attempt to operate it on DC Current.



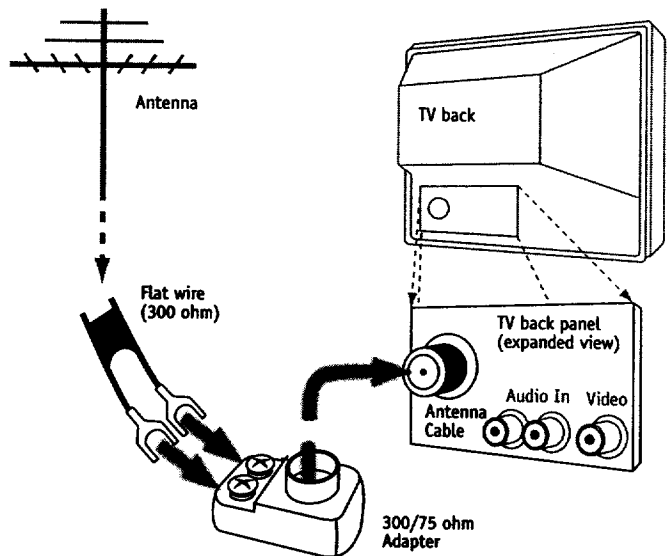
- 5** Go to page 8 to Auto Program your Entertainment Machine.

 *If you have a 75 ohm RF cable, then you don't need any adapters!*

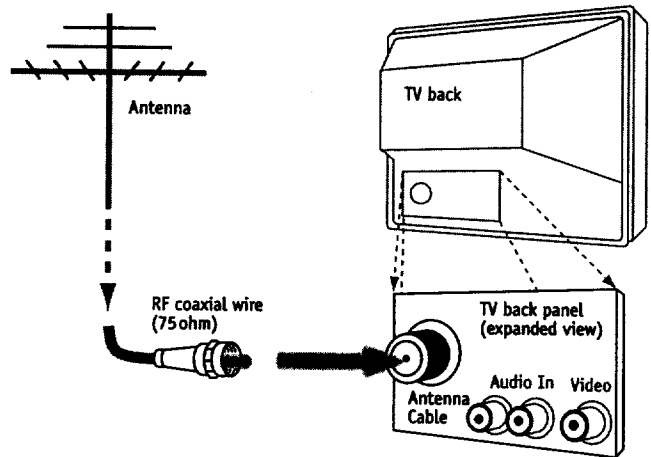
 *Remember, when screwing RF cables onto jacks, clockwise tightens, and counterclockwise loosens.*

 *A 300 to 75 ohm adapter is not included with your Zenith Entertainment Machine.*

### Flat wire antenna to TV



### Round wire antenna to TV



#### 75 OHM RF CABLE

The wire that comes from an off-air antenna or cable service provider. Each end looks like a hex shaped nut with a wire sticking through the middle, and it screws onto the threaded jack on the back of your TV.

#### 300 TO 75 OHM ADAPTER

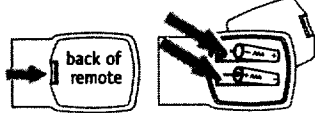
A small device that connects a two-wire 300 ohm antenna to a 75 ohm RF jack. They are usually about an inch long with two screws on one end and a round opening with a wire sticking out on the other end.

Hook Up Your Cable (CATV) to the TV

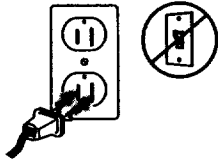
**1** Locate the Antenna/Cable jack on the back of your Entertainment Machine.

**2** Connect the cable that runs from the wall directly to this jack.

**3** Remove the back of the remote and put in two AAA batteries.



**4** Plug in your TV. Do not plug it into a switched outlet. Your Entertainment Machine is designed to operate on household current, 120-volt 60 Hertz AC. Do not attempt to operate it on DC Current.



**5** Go to page 8 to Auto Program your Entertainment Machine.



*If you're using a cable box, leave your TV on channel 3 or 4 and use your cable box to change channels.*

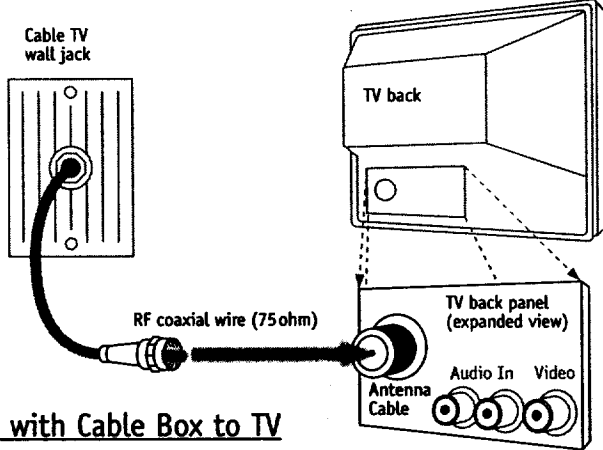


*Remember, when screwing RF cables onto jacks, clockwise tightens, and counterclockwise loosens*



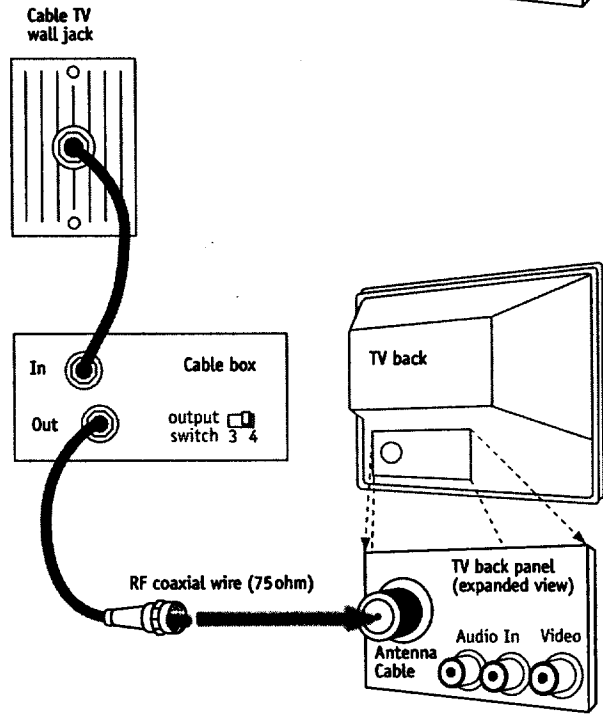
*If you're using a cable box, Auto Program might only find the channel your cable service is on (usually channel 3 or 4). Don't worry, that's all you need!*

Cable to TV



Connect cable to your Entertainment Machine

Cable with Cable Box to TV



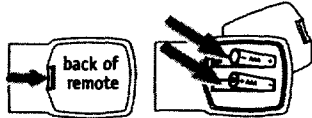
Connect your off-air antenna and VCR to your Entertainment Machine.

**Hook Up Antenna and VCR to your TV**

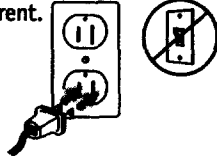
**1** Locate the Antenna/Cable jack on the back of your Entertainment Machine.

**2** Connect the cable that runs from the wall directly to this jack, according to the diagram to the right.

**3** Remove the back of the remote and put in two AAA batteries.



**4** Plug in your TV. Do not plug it into a switched outlet. Your Entertainment Machine is designed to operate on household current, 120-volt 60 Hertz AC. Do not attempt to operate it on DC Current.



**5** Go to page 8 to Auto Program your Entertainment Machine.



**Remember, when screwing RF cables onto jacks, clockwise tightens, and counterclockwise loosens.**

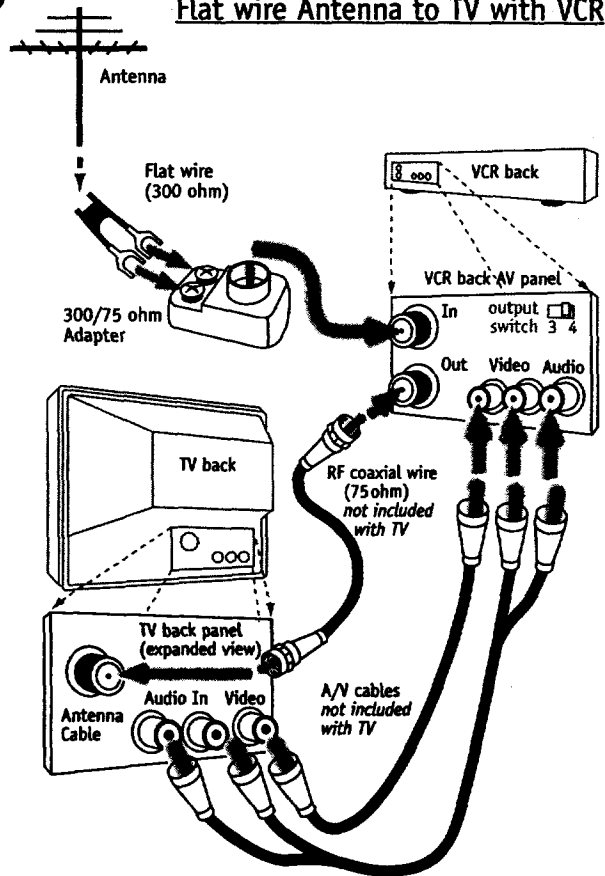


**No A/V cables are included with your Zenith Entertainment Machine.**

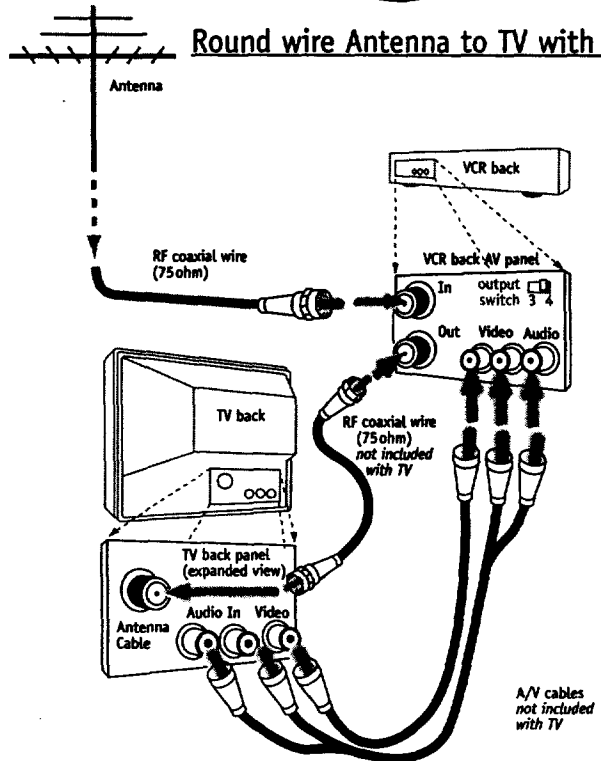


**Without A/V cables, most VCRs will not play videocassettes in stereo sound.**

**Flat wire Antenna to TV with VCR**



**Round wire Antenna to TV with VCR**

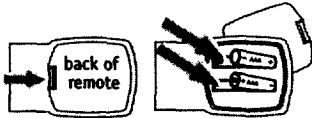


Hook Up Your Cable (CATV) and VCR

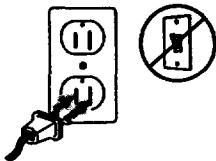
**1** Locate the Antenna/Cable jack on the back of your Entertainment Machine.

**2** Connect the cable that runs from the wall directly to this jack, according to the diagram to the right.

**3** Remove the back of the remote and put in two AAA batteries.



**4** Plug in your TV. Do not plug it into a switched outlet. Your Entertainment Machine is designed to operate on household current, 120-volt 60 Hertz AC. Do not attempt to operate it on DC Current.



**5** Go to page 8 to Auto Program your Entertainment Machine.



Leave your VCR and your television tuned to channel three and use the cable box to change channels.



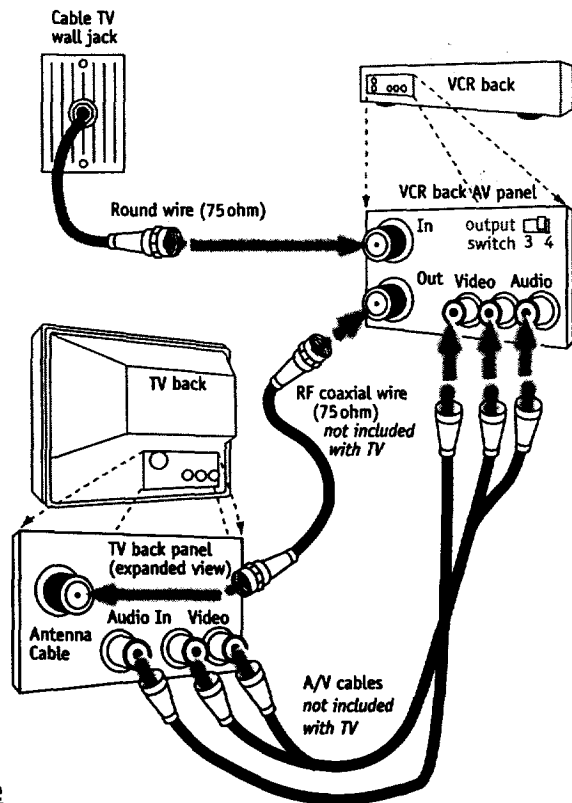
Remember, when screwing in RF cables onto jacks, clockwise tightens, and counterclockwise loosens.



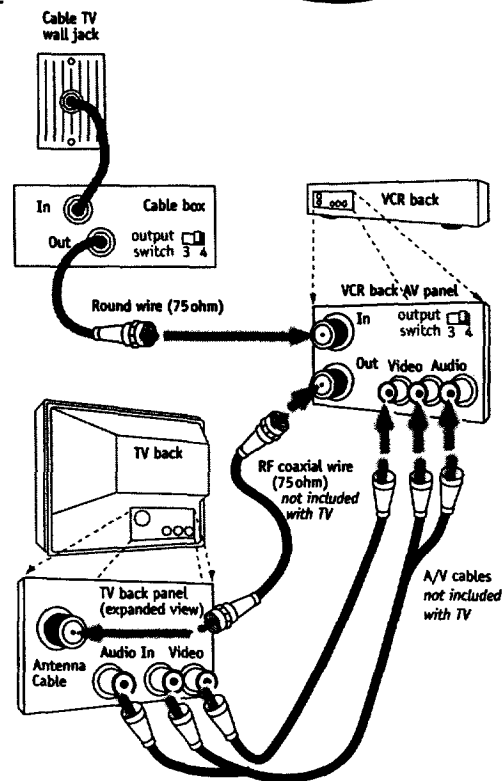
No A/V cables are included with your Entertainment Machine. Without A/V cables, most VCRs will not play videocassettes in stereo sound.

Cable to TV with VCR

Connect your VCR and Cable to your Entertainment Machine.



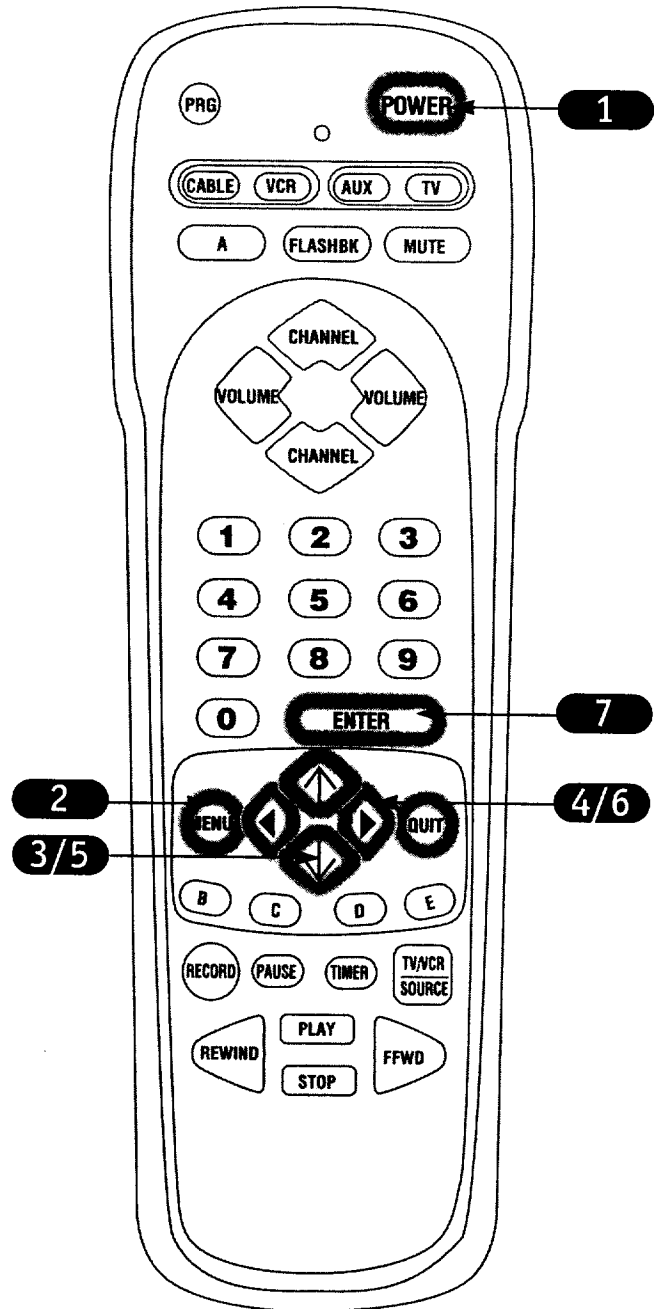
Cable with Cable Box to TV with VCR



## Auto Program

Use Auto Program to automatically find and store all of the stations available in your area.

- 1** With the remote control in hand, press the POWER key to turn on your Entertainment Machine.
- 2** Press the MENU key so the Setup menu appears.
- 3** Using the UP/DOWN arrows on the remote control, select Auto Program on your screen.
- 4** Press a RIGHT or LEFT arrow to reach the Auto Program screen.
- 5** Using the UP/DOWN arrows, choose either Cable TV or Off-Air Antenna on your screen.
- 6** Press a RIGHT or LEFT arrow to begin Auto Program.
- 7** Press ENTER or QUIT to return to TV viewing.



### Auto Program

**AUTO PROGRAM** Auto Program is how your Entertainment Machine finds all the channels available in your area and stores them in memory.



Button Functions on your Remote

A quick list of all the buttons on your remote and what they do.

**PRG (PROGRAM)**  
 Programs your remote to operate other products. See page 23.

**FLASHBK (FLASHBACK)**  
 Return to the last channel viewed.

**CHANNEL (UP/DOWN)**  
 Flip through available channels.

**ENTER**  
 Shows the Channel/Time display. Press after channel numbers for instant selection.

**LEFT/RIGHT ARROWS**  
 The Left/Right arrows adjust options.

**MENU**  
 Displays on-screen menus for TV mode.

**TIMER**  
 Displays the Sleep Timer Menu. See "Timer Setup" on page 18 for more information.



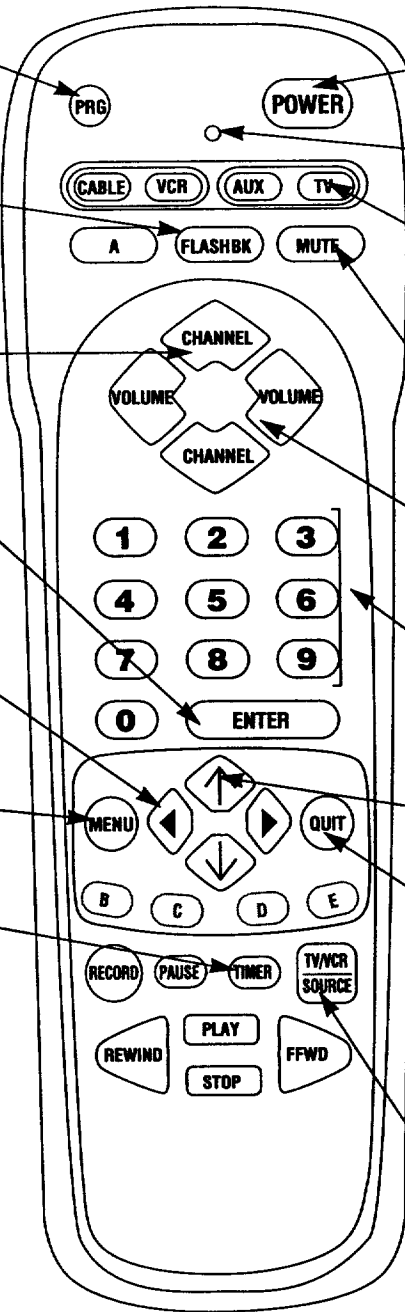
*Your remote has Night Vision Glow-In-The-Dark keys! It must be exposed to light before the keys will glow in the dark. Longer exposure—longer glow.*



*Keys dedicated to VCR functions will still operate your VCR while the remote is in TV mode.*



*Grey keys indicate that they may not function on your model of TV.*



**POWER**  
 Turns TV On or Off.

**LED INDICATOR LIGHT**  
 Lights when keys are pressed.

**CABLE/VCR/AUX/TV**  
 Switch between available input sources. AUX is for any optional device.

**MUTE**  
 Turns sound Off and On while the picture remains.

**VOLUME LEFT/RIGHT**  
 Adjusts the sound levels on your Entertainment Machine.

**NUMBER KEY PAD**  
 Selects channels directly and enters numeric values for some options.

**UP/DOWN ARROWS**  
 The Up/Down arrows select options.

**QUIT**  
 Remove on-screen display from view. If no display is on, switches front speaker surround sound On and Off from some TVs.

**TV/VCR-SOURCE**  
 Switches between watching TV through your antenna/cable, or through your VCR.

remote control part number  
**MBR3446**

An example of using the panel on the front of your Entertainment Machine.

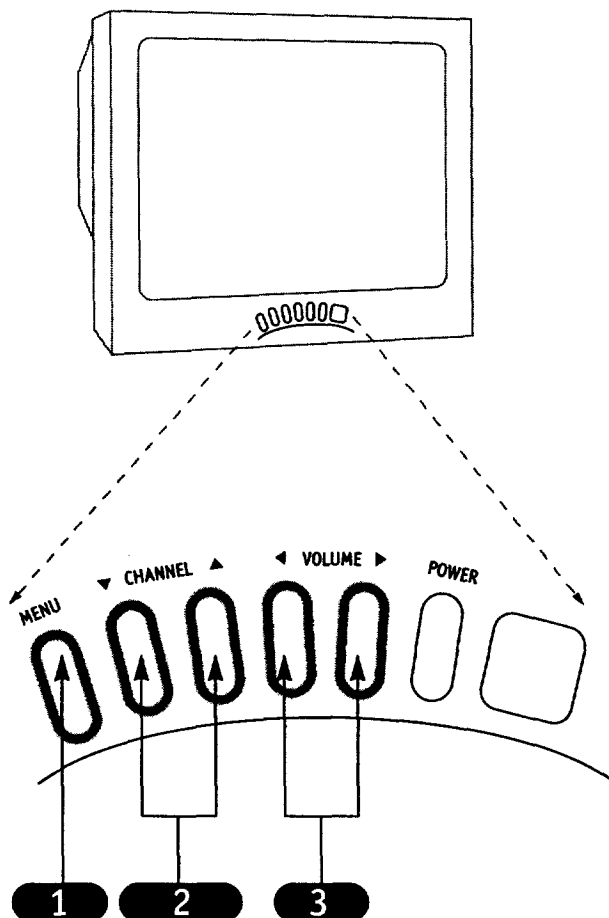
### Front Panel Diagram

Here's an example of how to use the front panel to work with menus:

- 1** Access the Setup Menu by pressing MENU on the front panel.
- 2** Using the CHANNEL Up/Down keys, select Language on your screen.
- 3** Press the VOLUME Right/Left arrows to adjust the language you want your on-screen menus to appear in.
- 4** Repeat the above steps for the other options in the Setup and Video menus.
- 5** When finished, wait ten seconds and the menus will disappear.



*Without a remote, you may not be able to use all the options in your menus, such as those that require the NUMBER key pad on the remote.*



## Basic Television Operation

Introducing you to the basics of your Entertainment Machine.

### Source

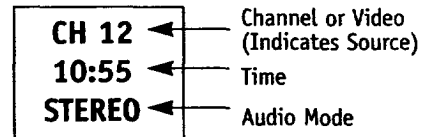
On some models A/V input is designated as a channel that is one below the lowest/one above the highest. You'll have to use the Channel Up/Down buttons to access it. The Time/Channel display will read "Video" in place of a channel number.

**Cable/Antenna Input:** This setting allows you to change cable or antenna channels and to view videocassettes on channel 3 (or 4) in mono sound.

**Video Input:** This setting allows stereo playback of videocassettes. The television cannot change channels in the Video mode, but the VCR can.



*To view the current input source, press ENTER on your remote. The Time/Channel display should appear in the upper right hand corner of the screen. If the display reads 'Video,' then the source is an A/V input. If the display reads a channel number, then the source is your Cable or Antenna.*



### Channel Changing

**CHANNEL UP/DOWN arrows:** Use these arrows to change the channels. Auto Program will have found all channels available to you.

**NUMBER Keypad:** To skip to any channel, enter the number of the channel using the NUMBER key pad, then press ENTER.

**FLASHBACK:** To instantly return to the last channel viewed, press FLASHBACK.

### Audio

**Volume Right/Left:** To adjust the volume level, use the volume Right/Left arrows. To silence your TV instantly, press MUTE. To get the sound back, press MUTE again.



*While some mono models (A19A02D and A25A02D) do not have A/V inputs, you can still use a VCR. Just turn to page 6 to learn how to hook up your antenna and VCR.*

Help on  
combining  
your  
Entertainment  
Machine  
with more  
equipment.

## Basic Television Operation (cont'd)

There are a number of ways you can choose to integrate your Entertainment Machine with the rest of your equipment. Channels can be changed using the television, the VCR, or the cable box, with advantages to each.

**USING THE TELEVISION AS THE TUNER** preserves all your channel labels (not available on some models). It also reduces the number of keys on the remote control you need to worry about. (One device, one remote to learn.)

**USING THE VCR AS THE TUNER** has the advantage of simplifying the recording process. If the VCR is tuned to channel seven, then the VCR will record channel seven.

**USING THE CABLE BOX** (if you have one) to change the stations sometimes has an advantage, too, especially if your cable provider requires you to use their cable box to descramble their stations.

### Setting Up a Tuner

- 1 Based on the advantages listed above, decide what device you want to use as the tuner.
- 2 Connect the antenna or cable source to the input of your tuner. (If you chose your television as the tuner, then you're done. Go watch your Entertainment Machine.)
- 3 Connect the output of your tuner to the input of the next device.
- 4 If you used A/V cables for step 3, set the "next device" to Video input. If you used an RF coaxial cable in step 3, then tune the "next device" to match the output channel of your tuner (usually channel 3 or 4).
- 5 Repeat steps 3 and 4 until you reach your Entertainment Machine. Then enjoy!

**TUNER** The television, VCR, or cable box that you choose to change channels with.

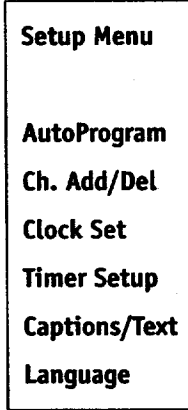
**A/V CABLES** Audio/Video cables. Three cables bunched together—right audio (red), left audio (white), and video (yellow).

**A/V DEVICE** Any device that produces video or sound (VCR, DVD, cable box, or television).

**Setup Menu**

Descriptions of the menu options found in the Setup Menu.

Function	What it is for	Go to page
Auto Program	Automatically finds and stores active channels to flip through using Channel Up/Down.	8
Ch. Add/Del	Manually pick and choose which active channels will appear when flipping through using Channel Up/Down.	14
Clock Set	Sets the current time on your Entertainment Machine.	15
Timer Setup	Opens menu for the following functions: <ul style="list-style-type: none"> <li>• Turns the Sleep Timer on or off.</li> <li>• Selects an automatic On Time for your Entertainment Machine.</li> <li>• Selects an automatic Off Time for shut-down.</li> <li>• On/Off timer controls automatic power on and power off.</li> </ul> Must be set to On for above functions to work.	16
Captions/Text	Displays closed captions or text when available. Options are Off, Caption 1, Caption 2, Caption 3, Caption 4, Text 1, Text 2, Text 3, and Text 4.	17
Audio Mode	Switches your sound between Stereo (separate sound on left and right speakers) and Mono (same sound on both speakers).	18
Language	Selects language for on-screen menus. Your options are English, Spanish, or French.	19



*This is an example of what on-screen menus look like.*



*In video mode, only Clock Set, Timer Setup, Caption/Text and Language will appear. To view all menus, switch to Cable/Antenna input.*

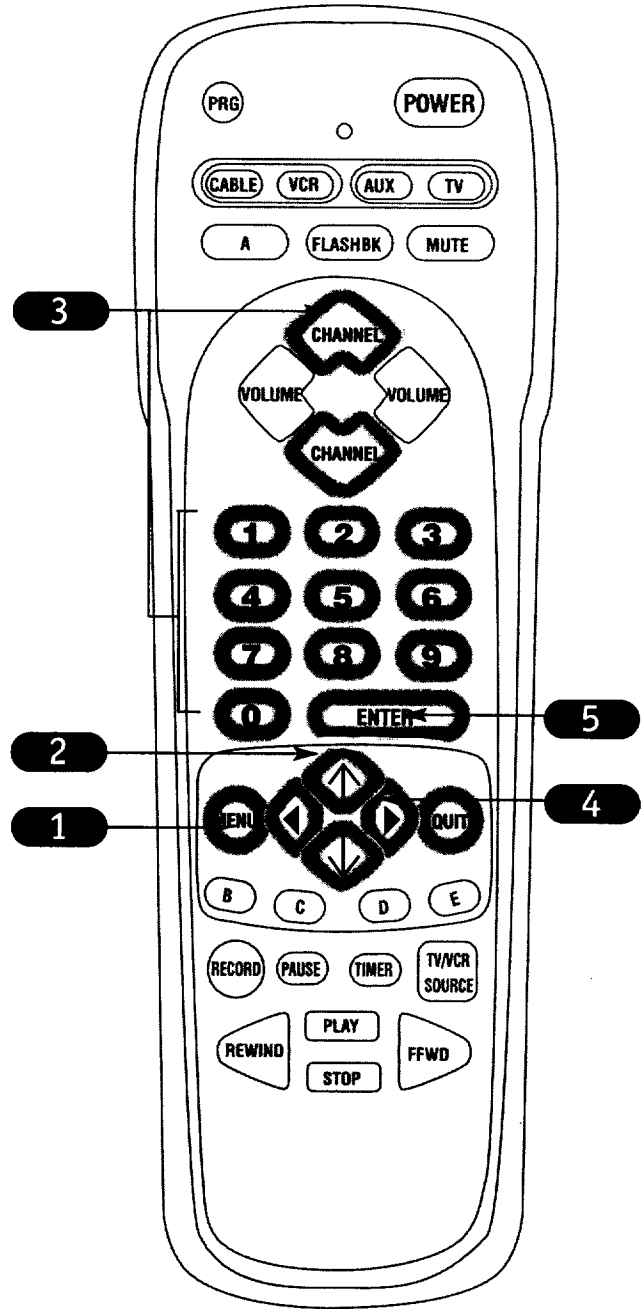
### Setting Ch. Add/Del

Customize your channel selection.

- 1** Press the MENU key on the remote so the Setup menu appears.
- 2** Select the Ch. Add/Delete menu using the UP/DOWN arrows.
- 3** Using either the NUMBER key pad or the CHANNEL UP/DOWN arrows on the remote, select a channel. (If adding a deleted channel, you will need to use the number pad.)
- 4** Using the RIGHT/LEFT arrows, pick whether that channel is Added or Deleted.
- 5** To continue, select another channel and repeat step 4. If you are finished, press ENTER or QUIT to return to TV viewing.



*If you delete a channel, it isn't gone for good. Just select it using the NUMBER key pad on the remote, or add it later.*



#### Mini glossary

- ADD** This function lets you add new channels to the list that you'll scroll through when using your remote.
- DELETE** This function lets you remove channels that you don't watch from the list you'll scroll through.

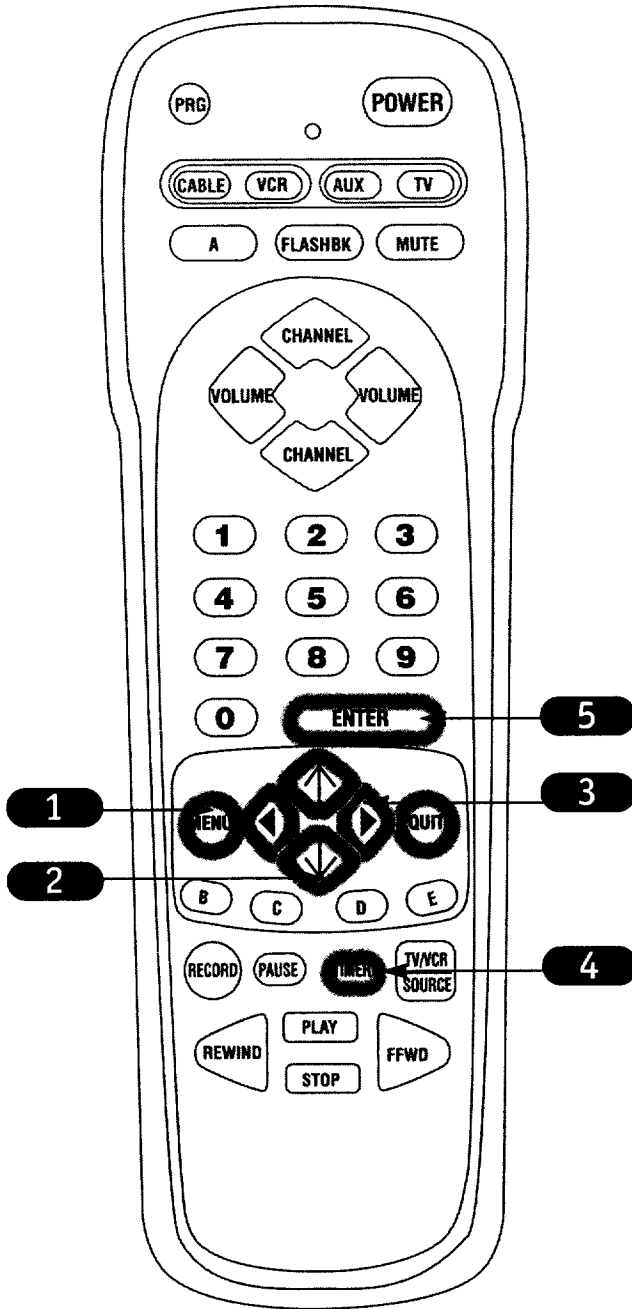
## Clock Set

Set the clock on your Entertainment Machine.

- 1** Press the MENU key on the remote control so the setup menu appears.
- 2** Using the UP/DOWN arrows on the remote control, select Clock Set on your screen.
- 3** Press a RIGHT or LEFT arrow to adjust the time.
- 4** Press the TIMER button to select AM or PM.
- 5** Press ENTER or QUIT to return to TV viewing.



*You can use the NUMBER pad to simply type in the time (AM or PM is still selected with the Timer key).*



## Timer

Automatically turn your Zenith Entertainment Machine on or off.

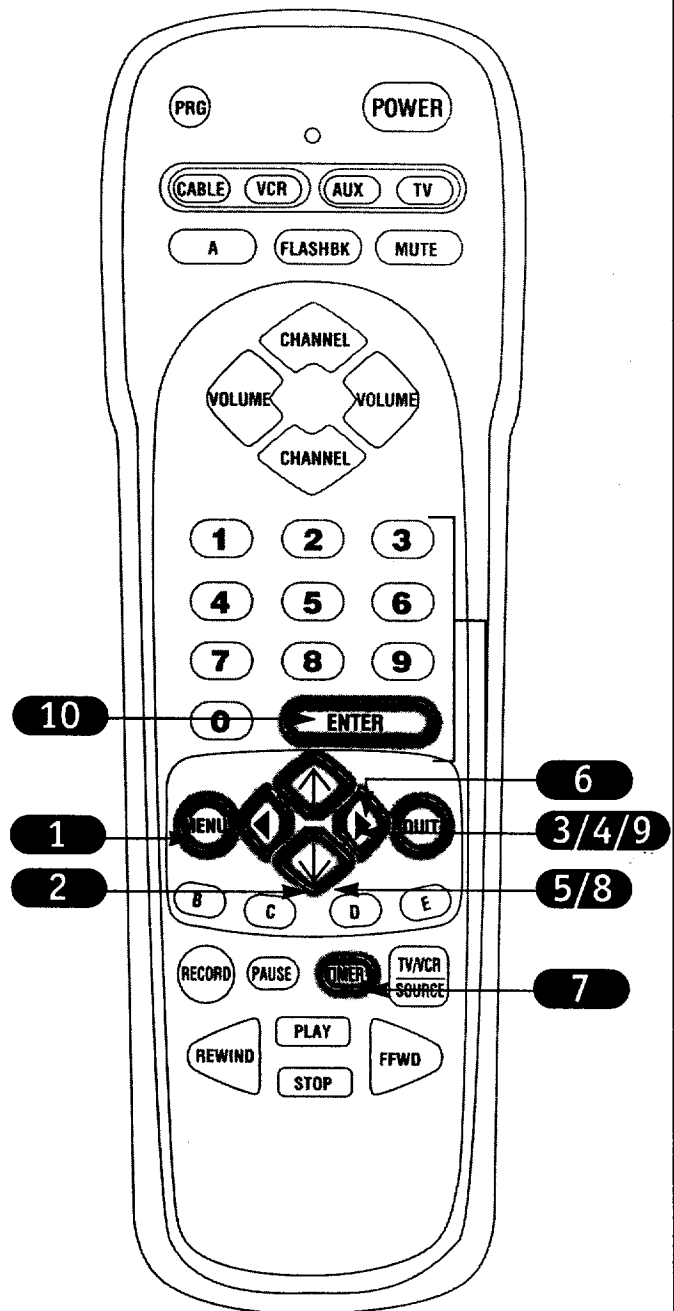
- 1** Press the MENU key on the remote control repeatedly so the Special Features Menu appears.
- 2** Using the UP/DOWN arrows on the remote control, select Timer Setup on your screen.
- 3** Press a RIGHT/LEFT arrow. The Timer Menu screen will appear.
- 4** Sleep Timer: Use the RIGHT/LEFT arrows to adjust the length of time until the TV shuts down (select a countdown from ten minutes to four hours).

**Note:** At this point, continue to step five to set the On Time, or press ENTER or QUIT to return to TV viewing.

- 5** On Time: Using the UP/DOWN arrows on the remote control, select On Time on your screen.
- 6** Press a RIGHT or LEFT arrow or use the NUMBER key pad to enter the time your TV will automatically turn on.
- 7** Press the TIMER button to select AM or PM.
- 8** Press the UP/DOWN arrow keys to select On/Off Timer.
- 9** Press the LEFT or RIGHT arrow to turn on the On/Off Timer.
- 10** Press ENTER or QUIT to return to TV viewing or continue programming by repeating the above steps for Off Time.



*The On/Off timer will not work until the Clock on your television has been set.*



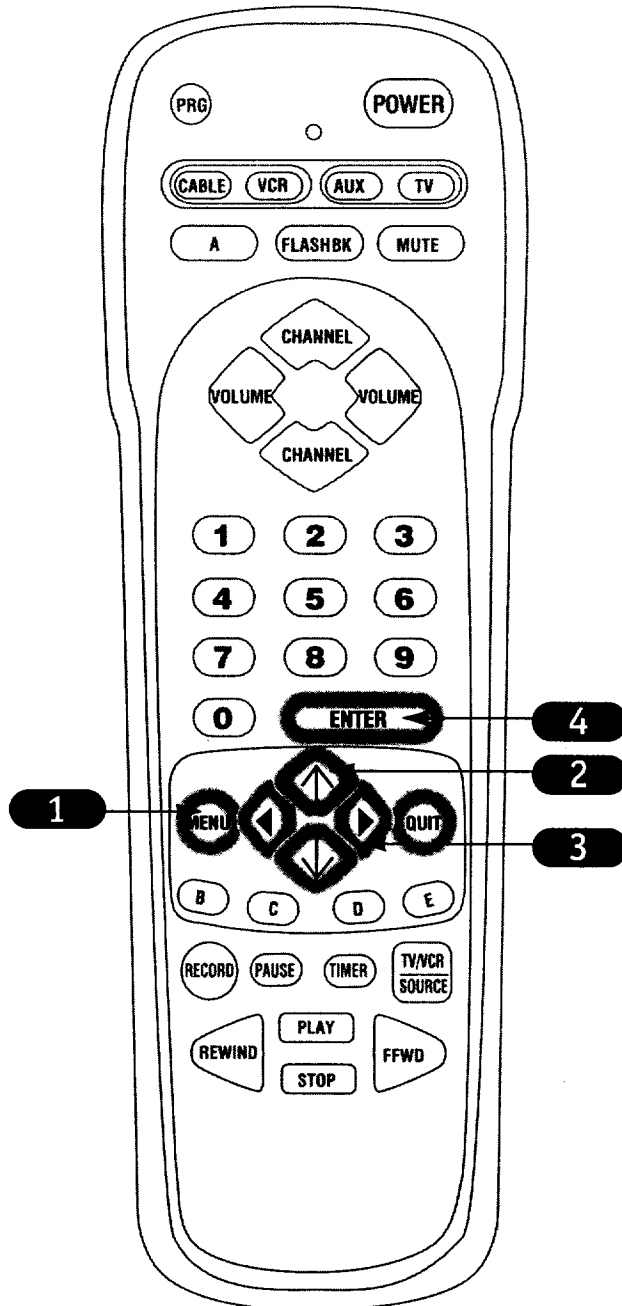


## Caption/Text

Caption/Text is a feature which allows your Entertainment Machine to receive various closed caption and text options provided by your broadcaster. Availability and functionality of Caption/Text feature is determined only by your broadcaster and may not be available in your area.

Turn on closed captioning or text that appears on your screen.

- 1** Press the MENU key on the remote control so the Setup menu appears.
- 2** Using the UP/DOWN arrows on the remote control, select Caption/Text on your screen.
- 3** Press a RIGHT/LEFT arrow to choose any of the following options: Caption 1, Caption 2, Caption 3, Caption 4, Text 1, Text 2, Text 3 or Text 4.
- 4** Press ENTER or QUIT to return to TV viewing.



*Standard closed captioning is available using the Caption 1 option.*



*Not all programming has closed captioning or text available.*

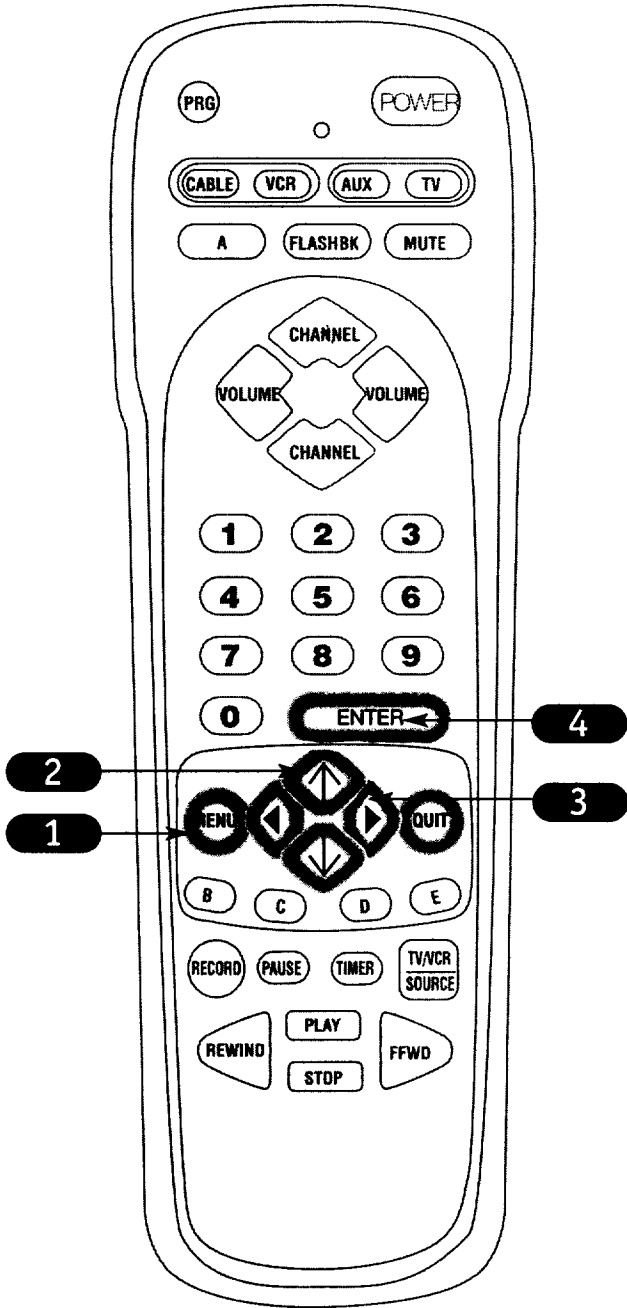
### Audio Mode

Choose between stereo sound and mono sound.

- 1** Press the MENU key on the remote control so the Setup menu appears.
- 2** Using the UP/DOWN arrows on the remote control, select Audio Mode on your screen.
- 3** Press a RIGHT/LEFT arrow to select either of the following options: Stereo or Mono.
- 4** Press ENTER or QUIT to return to TV viewing.



*Not all programming is broadcast in stereo sound.*



#### Hint glossary

**STEREO SOUND**

Stereo (stereophonic) sound refers to audio that's divided into right and left sides.

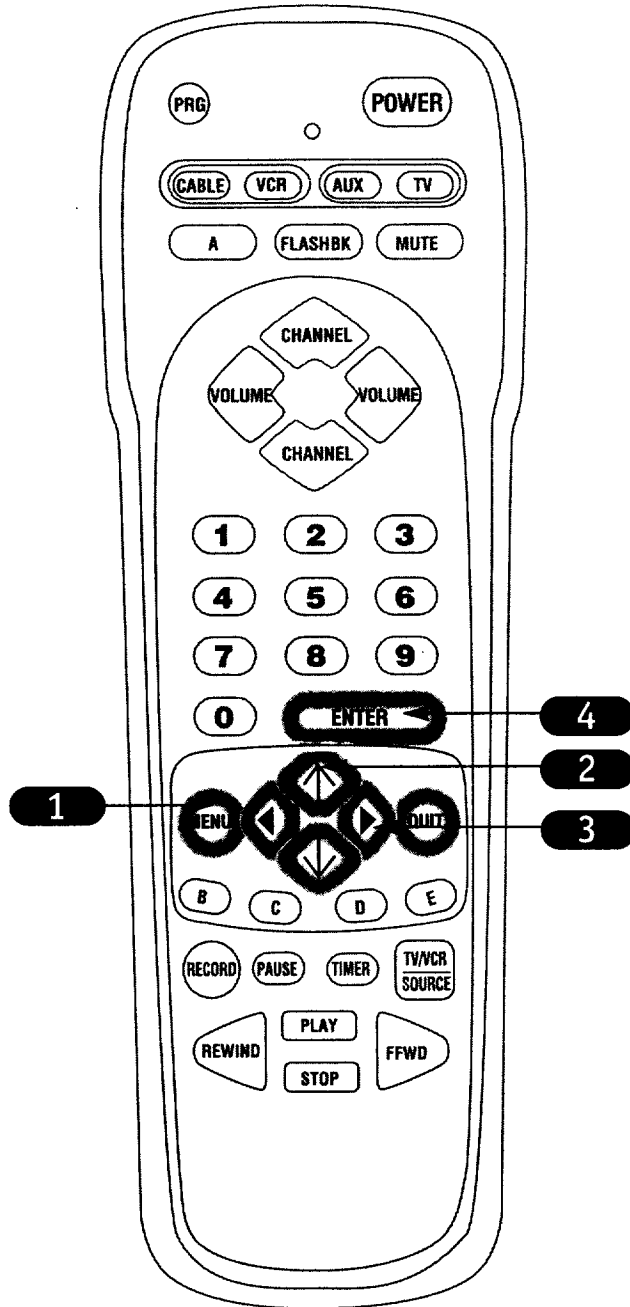
**MONO SOUND**

Mono (monaural) sound is one channel of sound. On more than one speaker, all the speakers play the same audio.

## Language Options

- 1** Press the MENU key on the remote control so the Setup menu appears.
- 2** Using the UP/DOWN arrows on the remote control, select Language on your screen.
- 3** Press a RIGHT/LEFT arrow to choose any of the following options: English, Spanish, or French.
- 4** Press ENTER or QUIT to return to regular TV viewing.

Choose the language you want all the menus to appear in.



Video Menu

Use the Video menu to customize how your picture looks.

1

Press the MENU key twice and the Video menu will appear. Your options are:

- **Contrast:** Adjusts the level of difference between white and black in the TV picture. The more contrast, the brighter the picture appears.
- **Brightness:** Increases or decreases amount of white in the TV picture.
- **Color:** Adjusts levels of all colors in the TV picture.
- **Tint:** Balances between amounts of red and green in the TV picture.
- **Sharpness:** Raises or lowers the definition of the TV picture. The lower the level, the softer the images will appear.
- **Picture Preference:** Choose either Custom, Preset, Daylight or Nighttime. Custom allows you to set the picture the way you want. Preset moves all the above options back to their original, factory-set levels. Daylight and Nighttime optimizes your Entertainment Machine to a day time or nighttime environment.

2

Using the UP/DOWN arrows on the remote control, select Contrast on your screen.

3

Using the RIGHT/LEFT arrows, adjust the contrast level to your preference.

4

Press ENTER, QUIT or MENU one more time to return to TV viewing, or repeat from step two to set the other menu options.

5

Using the UP/DOWN arrows, select Picture Preference on your screen.

6

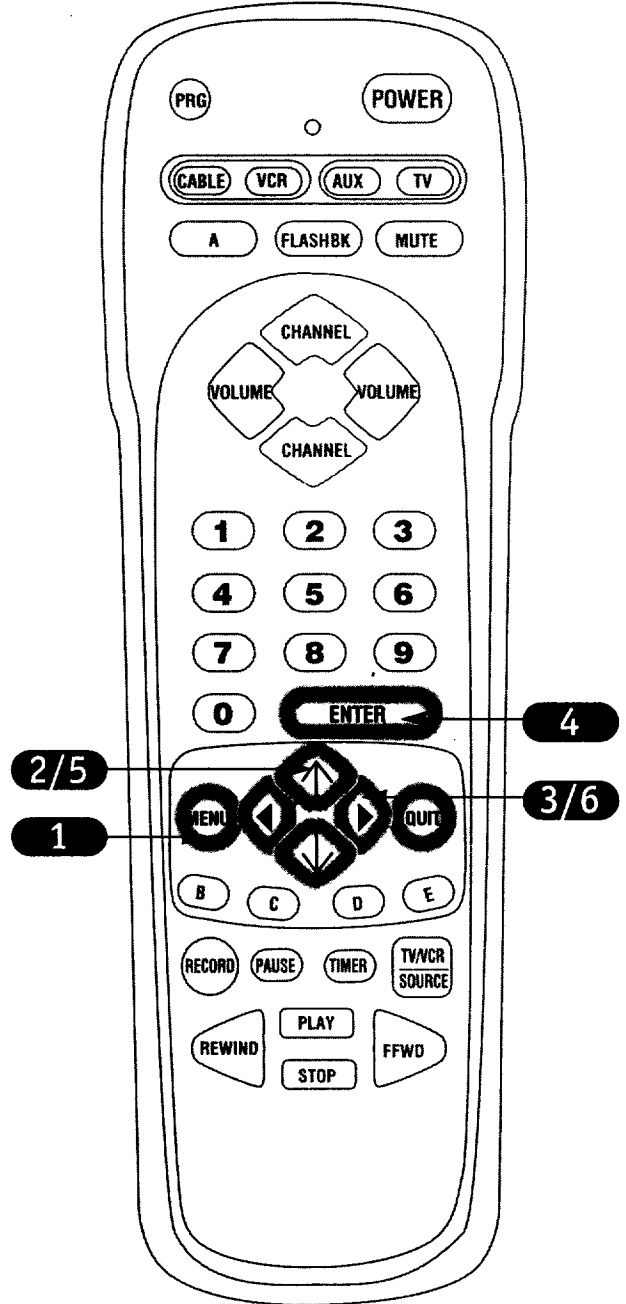
Using the RIGHT/LEFT arrows, choose either the original settings with Preset, or use your own settings with Custom.



Use the Daylight or Nighttime Video Presets to enhance your viewing pleasure, day or night!



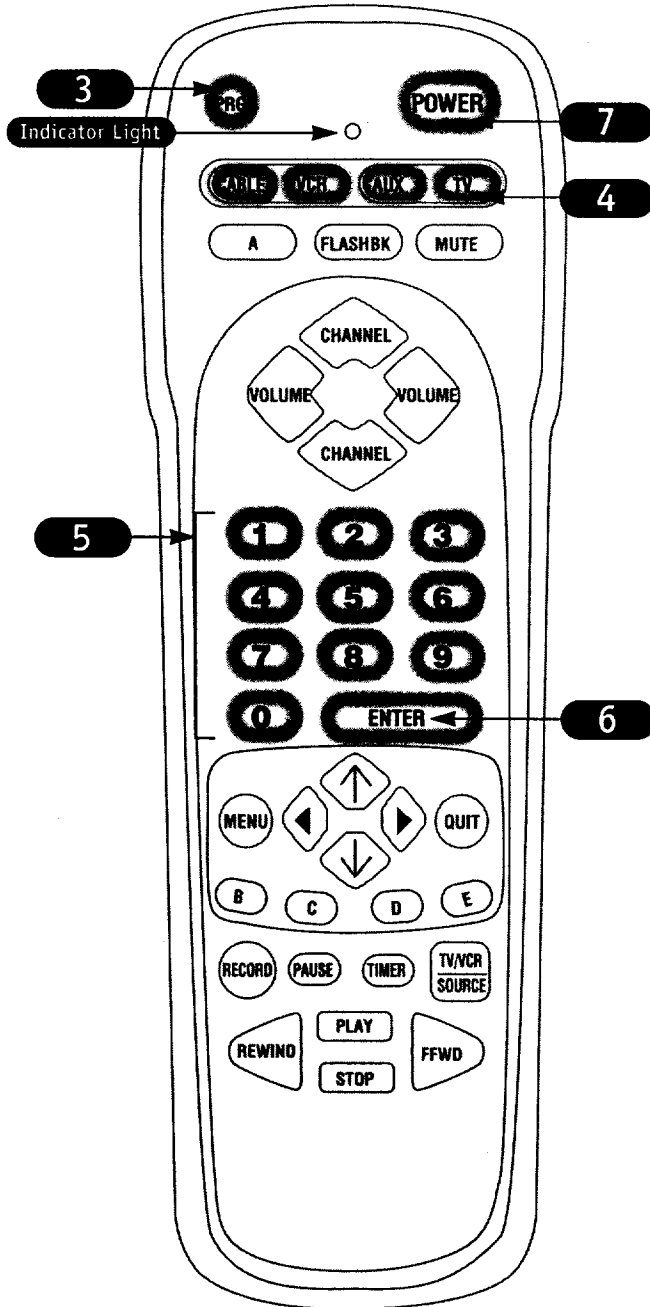
Someone left the picture looking terrible? Just choose the Preset option in Picture Preference to quickly reset the levels.



## Programming the Remote

Program your remote to work with a vast range of A/V devices.

- 1** The device you want to program should be ON.
- 2** On the chart in this manual, find the type of device you're programming and then find the brand name. Make a note of the three-digit code—you'll need it soon.
- 3** Press and hold the PRG key. It's recessed so it doesn't get pushed accidentally. When the indicator light turns on, you can release the button.
- 4** Push the button with the name of the device you're programming (VCR, CABLE, AUX, TV).
- 5** Using the number pad, enter the three digit code found on the chart in the Reference section.
- 6** Press ENTER to save the code. The indicator light will flash three times and turn off if the code was accepted.
- 7** Aim the remote at the device and push the POWER button. It should turn off. If not, try the other codes listed and continue from step three.



*Programming your Zenith remote will allow you to use one remote to work up to 7 different devices!*

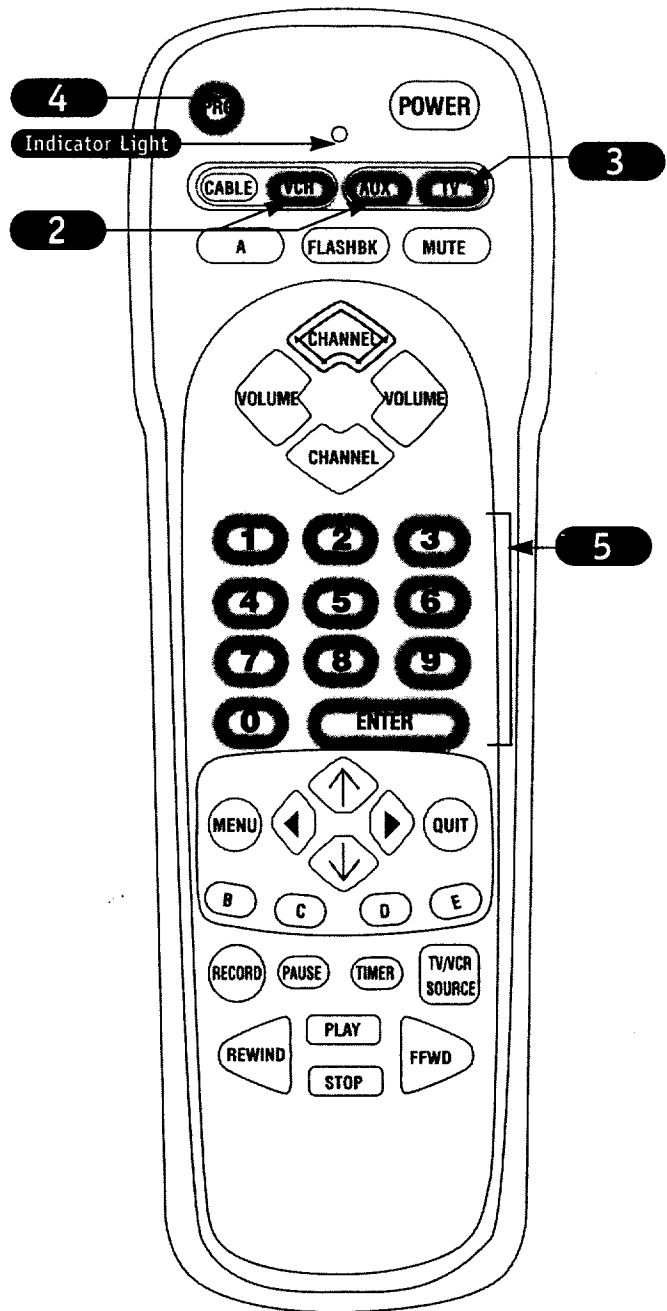


*Not all devices will work with your Zenith remote control.*

## Amplifier Volume Override

Control the volume on your home audio system without changing modes.

- 1** Program the code that operates your amplifier into the CABLE or AUX mode, as described on the "Programming Your Remote" page.
- 2** Select the mode in which you want volume to appear (e.g. TV).
- 3** Press and hold PRG on your remote until the indicator light stays lit.
- 4** Press 4-9-9; then ENTER on the remote. The indicator light will flash three times if code is accepted.
- 5** Audio system volume/mute now appears in the mode selected.



*Your volume and mute keys now control your amplifier, while all the other keys still operate the Entertainment Machine. To put everything back to normal, reprogram all buttons with their original codes (see the "Programming Your Remote" section).*



*If you can't find the code for your amplifier, use the Auto Find feature.*

### AMPLIFIER

An external machine that amplifies sound from a television, CD player, VCR, or other A/V device.

AUX+1, AUX+2, AUX+3

**1** Refer to the chart on page 25 to find the type and brand name of the device you're programming.

**2** Press and hold the PRG key until the indicator light turns on.

**3** Press the AUX key and the 1 on the NUMBER key pad at the same time (for AUX +1).

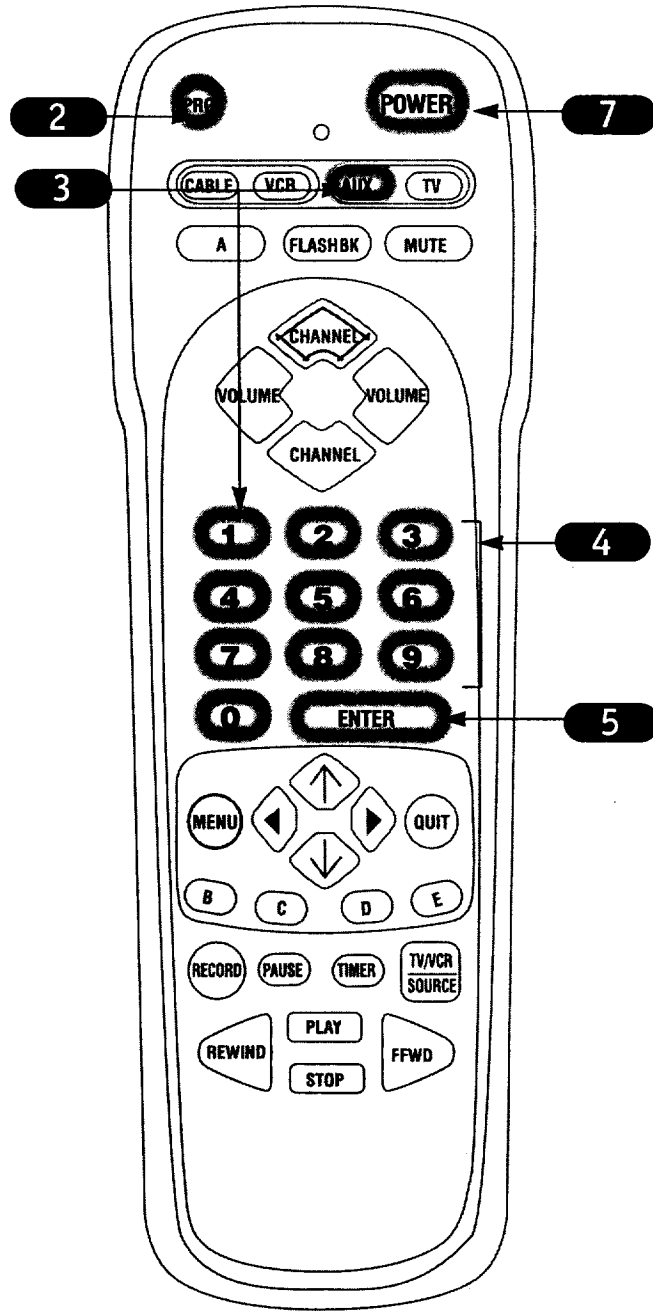
**4** Using the NUMBER key pad, enter the three-digit code for the device you've selected.

**5** Press ENTER to save the code.

**6** Aim the remote at the device and press POWER. It should turn off.

**7** Repeat the steps for AUX+2, and AUX+3.

Control up to seven different devices with your remote!



*Programming your Zenith remote will allow you to use one remote to work up to 7 different devices.*



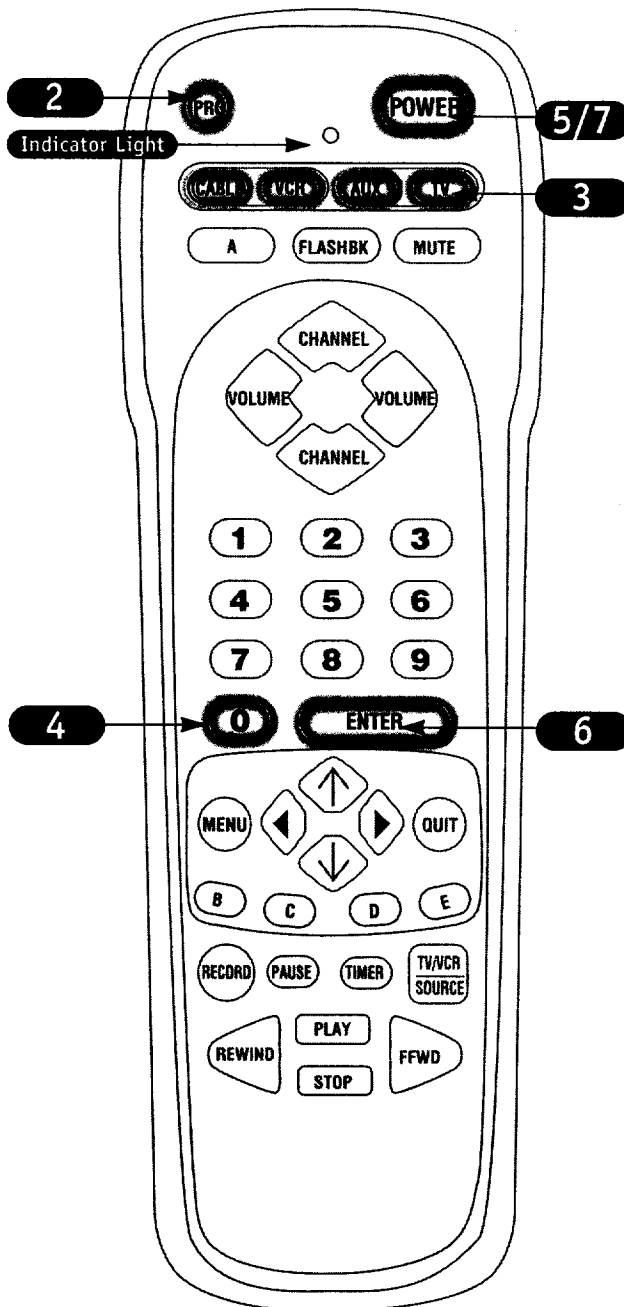
*Some devices may not work with your Zenith remote control.*

## Remote Control Auto-Find

Use the remote control to search all possible codes.

If Programming the Remote did not find your code, try this procedure to automatically find the code for your device. If your remote becomes inoperable, go back to "Programming your Remote" and enter the Zenith TV code for step five.

- 1** Turn on the device you're programming for the remote control.
- 2** Press and hold the PRG key until the indicator light turns on.
- 3** Press the key for the device you're trying to program (CABLE, VCR, AUX, TV).
- 4** Enter the code 0-0-0 (zero-zero-zero), then press the ENTER key right away.
- 5** Aim the remote at the correct device and press the POWER button. Allow a second to pass, then push the POWER button again. Repeat until the device turns off. (This is a trial and error process, so it may be necessary to repeat these steps until the remote finds your code.)
- 6** Push ENTER to save the code.
- 7** Press POWER to turn the device back on.



*You can quickly get out of Auto Find by pressing the Quit button.*



*If the indicator light stays on while you push Power, instead of turning off, all the codes have been tried and your device can't be programmed.*



Programming Codes

Find the codes you need to program your remote.

TVs

Admiral . . . . . 116 121 130 133	Funai TV/VCR . . . . 154	MGA/Mitsubishi. . . 104 119 120 130 140 155	Sears . . . . . 103 108 109 110 111 118 134
Adventura TV/VCR 154	General Electric . . 106 107 114 116 117 161	Montgomery Ward 103 104 105 113 114 119 121 130 133	Sharp . . . . . 103 105 122 133 137 156 169
Akai . . . . . 104	Goldstar . . . . . 103 104 119 147	NEC . . . . . 104 119	Signature 2000 . . . 103 104 105 113 114 119 121 130 133
Amark . . . . . 103 146	Goldstar TV/VCR . . 153	Panasonic . . . . . 106 107 160 166	Sony . . . . . 115 143 151 170
AOC . . . . . 104	Hitachi . . . . . 102 103 129 163	Panasonic TV/VCR 174	Soundesign . . . . 139
Bell & Howell . . . 121	J.C. Penney . . . . 104 110 114 117 119	Philco . . . . . 103 104 112 113 139	Sylvania . . . . . 112 113 117 119 127 128 139
Broksonic . . . . . 131 136	JVC . . . . . 125 132 164	Philips . . . . . 112 113	Symphonic TV/VCR 154
Candle . . . . . 139	KMC . . . . . 103	Pioneer . . . . . 135	Tatung . . . . . 106
Centurion . . . . . 119	KTV . . . . . 103 104 138	Portland . . . . . 103	Teknika . . . . . 103 112 121 124 139
Citizen . . . . . 121 139	Kurazai . . . . . 121	ProScan . . . . . 116 157 162 167	Telerent . . . . . 103 121
Contec . . . . . 141	Lodgenet . . . . . 121	Quasar . . . . . 106 107	Toshiba . . . . . 110 111 134 171
Coronado . . . . . 103	Logik . . . . . 121	RCA . . . . . 104 116 126 157 161 162 167 168	XR 1000 . . . . . 121
Crown . . . . . 103	LXI . . . . . 133 137	Realistic . . . . . 105 123 124	Yorx . . . . . 119
Curtis Mathes . . . 116 119 121	Magnavox . . . . . 103 112 113 117 119 127 128 139 165	Sampo . . . . . 119	Zenith . . . . . 101 149 175
Daewoo . . . . . 149 159	Magnavox TV/VCR 173	Samsung . . . . . 103 119 134 141	Zenith TV/VCR . . . 153 154 172
Daewoo TV/VCR . . 148	Majestic . . . . . 121	Sanyo . . . . . 108 109 118	
Daytron . . . . . 119	Marantz . . . . . 104 120 155	Scott . . . . . 119 124	
Elektra . . . . . 121	Megatron . . . . . 146		
Emerson . . . . . 103 104 123 124 131 136 145	Memorex . . . . . 121		
Emerson TV/VCR . . 158			
Fisher . . . . . 109 118			

VCRs

Admiral . . . . . 208 261	General Electric . . 214 216 220	NEC . . . . . 202 218	Sharp . . . . . 208 261
Adventura . . . . . 231	Goldstar . . . . . 209	Orion . . . . . 250	Shintom . . . . . 239
Aiwa . . . . . 231	Go Video . . . . . 256 262 263	Panasonic . . . . . 214 251 259	Signature 2000 . . . 208 214 216 219 231 249
Akai . . . . . 223 238 241	Hitachi . . . . . 215 257	Pentax . . . . . 215	Sony . . . . . 217 232 237
Audio Dynamics . . 202 218	Instant Replay . . . 214 227	Philco . . . . . 207 214	Sylvania . . . . . 207 214 227
Bell & Howell . . . 206 247	J.C. Penny . . . . 214 215 218 227	Philips . . . . . 207 214 227	Symphonic . . . . . 231
Broksonic . . . . . 221 226 250 255	JVC . . . . . 202 224 225 258	Pioneer . . . . . 210 215	Tashiko . . . . . 209
Canon . . . . . 214	Kenwood . . . . . 202	Portland . . . . . 246	Tatung . . . . . 202
Citizen . . . . . 209	Logik . . . . . 239	ProScan . . . . . 216 260	Teac . . . . . 202 231
Craig . . . . . 212	LXI . . . . . 209 231	Quasar . . . . . 214 259	Teknika . . . . . 209 234
Curtis Mathes . . . 214 259	Magnavox . . . . . 207 214 231	RCA . . . . . 215 216 220 227 240 242 249 260	Toshiba . . . . . 205 215
Daewoo . . . . . 244 246 248 254	Marantz . . . . . 207 218	Realistic . . . . . 206 208 212 214 231	XR 1000 . . . . . 239
Daytron . . . . . 236 246	Marta . . . . . 209	Samsung . . . . . 220 230 238	Vector Research . . 204 218
DBX . . . . . 202 218	Memorex . . . . . 206 212 214 231	Sansui . . . . . 239	Yamaha . . . . . 202 218
Emerson . . . . . 203 209 221 223 226 233 235 243 250	Mitsubishi . . . . . 204 222 252 264	Sanyo . . . . . 206 212 247	Zenith . . . . . 201 224 225 229 237
Fisher . . . . . 211 212 213 247	Montgomery Ward 208 214 216 219 231 249	Scott . . . . . 204 205 233 243	Zenith TV/VCR . . . 201 224 229 237
Funai . . . . . 231	Multi Tech . . . . . 239	Sears . . . . . 206 209 211 212 215	

**Programming Codes**

Find the codes you need to program your remote.

**Cable Satellite**

Allegro . . . . . 358 362	Kale Vision . . . . . 335	RCA DSS . . . . . 373	Unika . . . . . 348 362
Allegro A/B Switch 361	Macom . . . . . 314 321	Regency . . . . . 329	United Satellite . . 344
Gemini . . . . . 305 331 338	Magnavox . . . . . 334	Samsung . . . . . 335	Universal . . . . . 358 362
General Electric . . . 367	NSC . . . . . 335 339 368 369 370	Scientific Atlanta 316 323 336 364	Vid Tech . . . . . 340
General Instrument 304 305 306 307 308 309 310 318	Oak . . . . . 311 332 342	Sprucer . . . . . 313	Video Way . . . . . 349
Hamlin . . . . . 302 303 345 365 366	Panasonic . . . . . 313 320	Standard Comp . . . 335	Viewstar . . . . . 354 355 372
Jerrold . . . . . 304 307 308 309 310 318 360 363	Paragon . . . . . 333	Stargate . . . . . 379	Zenith . . . . . 301 353 374
	Philips . . . . . 347 350 352 354 355	Texscan . . . . . 339 356 371	Zenith Satellite . . 312 328 330 351 378
	Pioneer . . . . . 315 343	Tocom . . . . . 317 318 346	

**Video Disc Players**

Pioneer . . . . . 402 403	Sony . . . . . 404
Sanyo . . . . . 401	Zenith . . . . . 401

**Audio CD Players**

Akai . . . . . 409 424	434	Radio Shack . . . . . 431 436 439 440 441	Teac . . . . . 446
Crown . . . . . 410	Mitsubishi . . . . . 423 424	RCA . . . . . 437	Technics . . . . . 432 459
Denon . . . . . 411	NAD . . . . . 425 426 447	Sanyo . . . . . 438 439	Toshiba . . . . . 447
Fisher . . . . . 412 438	Nakamichi . . . . . 427 428	Scott . . . . . 440	Yamaha . . . . . 448
Goldstar . . . . . 460	NEC . . . . . 429	Sharp . . . . . 441 442	Zenith . . . . . 460 461 498 501 502
Harman/Kardon . . . 413	Onkyo . . . . . 430	Sony . . . . . 443 444 445	
JVC . . . . . 415	Panasonic . . . . . 431 432	Soundesign . . . . . 461 498 501 502	
Kenwood . . . . . 412 416 417 441	Philips . . . . . 421 433 434	Sylvania . . . . . 433	
Magnavox . . . . . 421 422 433	Pioneer . . . . . 431 435		
	Quasar . . . . . 432		

**Audio Tape Decks**

Denon . . . . . 455	Onkyo . . . . . 458
Harman/Kardon . . . 456	Philips DCC . . . . . 454
JVC . . . . . 457	Pioneer . . . . . 451 478
Kenwood . . . . . 450	Sony . . . . . 452

**Audio Tuners/Amps**

Denon . . . . . 462 463	Marantz . . . . . 472 503	Sanyo . . . . . 481	Teac . . . . . 494 495
Fisher . . . . . 464	Onkyo . . . . . 473	Scott . . . . . 482	Technics . . . . . 497
Goldstar . . . . . 460	Philips . . . . . 475 476	Sharp . . . . . 483	Yamaha . . . . . 496
Harman/Kardon . . . 465	Pioneer . . . . . 477 478 479	Sony . . . . . 489 490 491 492	Zenith . . . . . 460 461 498 501 502
JVC . . . . . 466	Radio Shack . . . . . 487 488	Soundesign . . . . . 461 498 501 502	
Kenwood . . . . . 468 469	Realistic . . . . . 480		

Zenith Product Codes

A complete list of button functions for your remote control.

KEY NAME	TV Mode Zenith Code 101	VCR Mode Zenith Code 201	Cable Mode Zenith Code 353	AUX Mode Zenith Code 401
POWER	TV On/Off	VCR On/Off	Cable Box On/Off	AUX On/Off
CABLE	Selects Cable	Selects Cable	Selects Cable	Selects Cable
VCR	Selects VCR	Selects VCR	Selects VCR	Selects VCR
AUX	Selects Aux	Selects AUX	Selects Aux	Selects AUX
TV	Selects TV	Selects TV	Selects TV	Selects TV
FLASHBK	TV Flashback	VCR Flashback	Cable Flashback	AUX Frame/Time
MUTE	TV Mute	TV Mute	TV Mute	TV Mute
CHANNEL UP	TV Channel Up	VCR Channel Up	Cable Channel Up	AUX Skip >>
CHANNEL DN	TV Channel Dn	VCR Channel Dn	Cable Channel Dn	AUX Skip <<
VOLUME (RIGHT)	TV Volume Up	TV Volume Up	TV Volume Up	TV Volume Up
VOLUME (LEFT)	TV Volume Dn	TV Volume Dn	TV Volume Dn	TV Volume Dn
1	TV Digit 1	VCR Digit 1	Cable Digit 1	AUX Digit 1
2	TV Digit 2	VCR Digit 2	Cable Digit 2	AUX Digit 2
3	TV Digit 3	VCR Digit 3	Cable Digit 3	AUX Digit 3
4	TV Digit 4	VCR Digit 4	Cable Digit 4	AUX Digit 4
5	TV Digit 5	VCR Digit 5	Cable Digit 5	AUX Digit 5
6	TV Digit 6	VCR Digit 6	Cable Digit 6	AUX Digit 6
7	TV Digit 7	VCR Digit 7	Cable Digit 7	AUX Digit 7
8	TV Digit 8	VCR Digit 8	Cable Digit 8	AUX Digit 8
9	TV Digit 9	VCR Digit 9	Cable Digit 9	AUX Digit 9
0	TV Digit 0	VCR Digit 0	Cable Digit 0	AUX Digit 0
ENTER	TV Enter	VCR Enter	Cable Enter	Aux Display
MENU	TV Menu	VCR Menu	Cable Menu	AUX Program
UP ARROW	TV Select Up	VCR Select Up	Cable Up Arrow	AUX Part
DOWN ARROW	TV Select Dn	VCR Select Dn	Cable Dn Arrow	AUX Random
LEFT ARROW	TV Adjust Left	VCR Adjust Left	Cable Left Arrow	AUX x3 FAST <
RIGHT ARROW	TV Adjust Right	VCR Adjust Right	Cable Right Arrow	AUX x3 FAST >
QUIT/	TV Seq Sound	VCR Quit	Cable Quit	AUX Clear
A	Surf	VCR AM/PM	Cable FC/Fav Ch	AUX Audio
B	TV PIP	VCR+	Day Up	AUX Repeat-Side
C	TV PIP Swap	VCR Channel Map	Day Down	AUX Repeat-A-B
D	TV PIP Freeze	VCR Search	Cable Pg Up	AUX Repeat-Chap
E	TV Closed Captions	VCR Memory	Cable Pg Down	AUX Memory
TIMER	TV Timer	VCR Timer	Cable Timer	AUX Still
TV/VCR/SOURCE	TV Sources	TV Tuner or VCR Tuner	Cable Info	AUX TV/Disc
RECORD	VCR Record	VCR Record	Cable Buy	AUX Edit
PAUSE	VCR Pause	VCR Pause	Cable Guide	AUX Pause
REWIND	VCR Rewind	VCR Rewind	VCR Rewind	AUX Scan <<
PLAY	VCR Play	VCR Play	VCR Play	AUX Play
STOP	VCR Stop	VCR Stop	VCR Stop	AUX Stop/Eject
FFWD	VCR Fast Forward	VCR Fast Forward	VCR Fast Forward	AUX Scan >>

References: 124-212-37 and µP 221-952-02A



Some of the functions shown above may not be available on your TV (such as PIP).

Caring for  
your  
Entertainment  
Machine.

## Maintenance

Early malfunctions can be prevented. Careful and regular cleaning can extend the amount of time you will have with your new Entertainment Machine. Be sure to turn the power off and pull out the plug before you begin any cleaning.

### Screen Cleaning

1. Here's a great way to keep the dust off your screen for a while. Wet a soft cloth in a mixture of luke-warm water and a little fabric softener or dish washing detergent. Wring the cloth until it's almost dry, and then use it to wipe the screen.
2. Make sure the excess water is off the screen, and then let it air-dry before you turn on your Entertainment Machine.

### Cabinet Cleaning

1. Use a soft cloth with a mild soap solution to wipe the cabinet (avoid using any cleaner that says "industrial strength" or "will wash the white off of rice" on the label).
2. Rinse the cloth and wipe the cabinet again.
3. Let the cabinet air-dry before turning the Entertainment Machine on.

### Wood Cabinet

Use a quality wood cleaner and polish. This will protect the Entertainment Machine from dirt and dust, as well as keep the cabinet looking new.

### Extended Absence

If you leave your Entertainment Machine dormant for a long time (such as a vacation), it's a good idea to unplug the power to protect against possible damage from lightning or power surges. If you use an off-air antenna, you may also want to disconnect it from the back of your TV before leaving.



*If you unplug your Zenith Entertainment Machine, you may have to reset the clock using the Clock Set menu described earlier. See page 15.*

Troubleshooting

Some quick and easy tips to fixing problems yourself.

SYMPTOMS	SOLUTIONS
<b>Snowy picture and lousy sound.</b>	<ul style="list-style-type: none"> <li>• Check your antenna connection or location.</li> </ul>
<b>Multiple images or 'ghost shadows.'</b>	<ul style="list-style-type: none"> <li>• Check your antenna direction and/or location.</li> <li>• Make sure the wire from your antenna to your Entertainment Machine is properly connected.</li> </ul>
<b>Interference: Sharp lines across the screen and lousy sound.</b>	<p><i>The following may cause image problems or distortion: Electrical appliances, powerful lights, cars, trucks; Computers or portable phones; Medical equipment</i></p> <ul style="list-style-type: none"> <li>• If possible increase the distance between your Entertainment Machine and the offending appliance. Or shut one of them off.</li> </ul>
<b>Normal picture but no sound.</b>	<ul style="list-style-type: none"> <li>• Check volume control.</li> <li>• Make sure the TV is not Muted.</li> <li>• Try another channel. The problem may be the broadcast, not your Entertainment Machine.</li> <li>• Are the Audio A/V cables properly installed?</li> <li>• Are the wires for external speakers (if you have external speakers) properly installed?</li> </ul>
<b>No picture and lousy sound.</b>	<ul style="list-style-type: none"> <li>• Are you in TV or Cable tuning mode (See Auto Program on page 9), and should be in the other?</li> <li>• Make sure output channels on all A/V equipment are on the same channel (3 or 4).</li> <li>• Check that all connections are tight.</li> </ul>
<b>No picture and no sound — The thing is just DEAD!</b>	<ul style="list-style-type: none"> <li>• Is the AC power plugged in?</li> <li>• Check that your AC power outlet works. (Test it by plugging in something else or try another plug.)</li> <li>• Make sure your brightness and audio controls are set properly.</li> <li>• Try another channel. The problem may be with the broadcast, not your Entertainment Machine.</li> </ul>
<b>No color, but the sound is O.K.</b>	<ul style="list-style-type: none"> <li>• Check the color control in the Video menu.</li> <li>• Try another channel. The problem may be with the broadcast.</li> </ul>
<b>Picture has a big black box on it, but the sound is O.K.</b>	<ul style="list-style-type: none"> <li>• The CC (closed caption) option may be in Text mode. Select OFF in the Caption/Text menu. See page 19.</li> </ul>
<b>Picture has two horizontal black bars, one on top and one on bottom</b>	<ul style="list-style-type: none"> <li>• Your program is in letterbox. This means that the shape of your TV is square, but the program is a rectangle. Think of the bars as empty space the program doesn't fill; not picture that's blocked out. Because this format is a direct representation of film as you see it in the movies, you are actually seeing MORE of the program when you see those bars. Trust us.</li> </ul>
<b>Remote control doesn't work.</b>	<ul style="list-style-type: none"> <li>• Make sure the batteries are fresh and installed properly.</li> <li>• Check to see that the MBR (Multi Brand Remote available on some models) is in the right mode for your equipment.</li> </ul>
<b>Menu options won't change.</b>	<ul style="list-style-type: none"> <li>• Try unplugging the TV, waiting about five minutes, and then plugging it back in and trying again.</li> </ul>



*If all else fails, call 1.847.391.8752, extension 5, between 8:30 AM and 4:30 PM Central Standard Time.*

## Glossary

A complete list of definitions for words found in this guide.

<b>75 OHM RF CABLE</b>	The wire that comes from an off-air antenna or cable service provider. The end looks like a hex-shaped nut with a wire sticking through the middle. It screws onto the threaded jack on the back of your TV.
<b>300 TO 75 OHM ADAPTER</b>	A small device that connects a two-wire 300 ohm antenna to a 75 ohm RF jack. They are usually about an inch long with two screws on one end and a round opening with a wire sticking out on the other end.
<b>A/V CABLES</b>	Audio/Video cables. Three cables bunched together—right audio (red), left audio (white), and video (yellow). A/V cables are used for stereo playback of videocassettes and for higher quality picture and sound from other A/V devices.
<b>A/V DEVICE</b>	Any device that produces video or sound (VCR, DVD, cable box, or television).
<b>ADD</b>	This function lets you add new channels to list that you'll scroll through when using your remote.
<b>AMPLIFIER</b>	An external machine that amplifies sound from a television, CD player, VCR, DVD or other A/V device.
<b>ANTENNA</b>	The physical receiver of television signals sent over the air. A large metal piece of equipment does not always have to be visible for your home to be using an antenna.
<b>AUTO PROGRAM</b>	Auto Program has your Entertainment Machine automatically find all the channels available in your area.
<b>DELETE</b>	This function lets you remove channels that you don't watch from the list you'll scroll through using your remote.
<b>INPUT</b>	Refers to the jack that receives a signal from a TV, VCR or other A/V device.

Glossary (cont'd)

A complete list of definitions for words found in this guide.

<b>JACK</b>	A connection on the back of a TV, VCR, or any other A/V device.
<b>MONO SOUND</b>	Mono (monaural) sound is one channel of sound. On more than one speaker, all the speakers play the same audio.
<b>OUTPUT</b>	Refers to the jack that sends a signal out of a VCR, DVD, or other A/V device.
<b>SECOND AUDIO PROGRAMMING/SAP</b>	Second Audio Programming (SAP) is another, separate, audio channel available with some programming. Choosing SAP often refers to listening to audio in another language, such as Spanish or French.
<b>SIGNAL</b>	Picture and sound traveling through cable, or on the air, to your television screen.
<b>STEREO SOUND</b>	Stereo (Stereophonic) sound refers to audio that's divided into right and left sides.
<b>TUNER</b>	Device that picks up the signal and turns them into picture and sound.

## Index

Find what you  
want quickly.

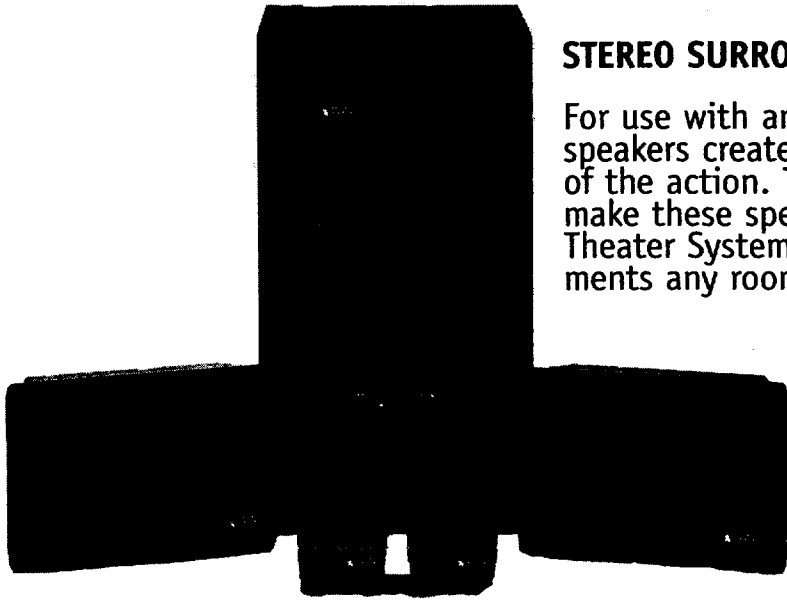
FEATURE	PAGE
Amplifier Volume Override.....	22
Antenna.....	4, 6
Audio Mode Menu.....	18
Auto Program.....	8
AUX+1, AUX+2, AUX+3.....	23
Basic Television Operation.....	11, 12
Batteries.....	4-7
Button Functions.....	9
Cable.....	5,7
Captions and Text Menu.....	17
Ch. Add/Del.....	14
Clock Set.....	15
Front Panel.....	11, 12
Glossary.....	30, 31
Hook-up Directory.....	3
Language Menu.....	19
Maintenance.....	28
Programming the Remote.....	21
Remote Control Auto-Find.....	24
Safety Information.....	2
Setup.....	13
Timer.....	16
Troubleshooting.....	29
VCR.....	6, 7
Video Menu.....	20
Warranty.....	34



**STEREO SURROUND SOUND SPEAKERS**

For use with any Surround Sound compatible TV. These speakers create a sound so real, it's as if you were part of the action. The convenient, space-saving shelf design make these speakers an ideal addition to any Home Theater System. The contemporary black finish complements any room.

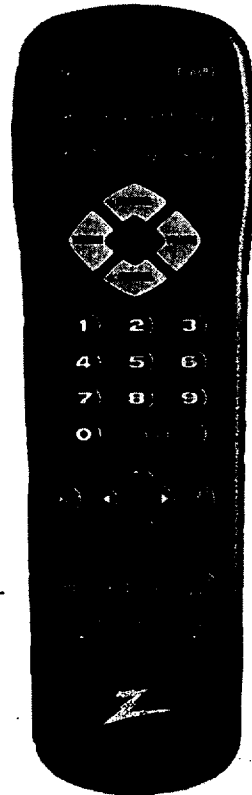
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**ONLY \$39.95** PLUS \$4.95 SHIPPING & HANDLING



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1.800.255.6790**

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PLEASE ALLOW 3-4 WEEKS FOR DELIVERY





## Your Zenith Limited Warranty

**Direct-View Color TV** Welcome into the Zenith family! We believe that you will be pleased with your new Zenith Entertainment Machine. Please read this warranty 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 RESPONSIBILITY

- Service Labor** During a period of 90 days from effective warranty date, Zenith will provide service labor by a Zenith authorized service center when needed as determined by Zenith, 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 21" 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 purchase. For your convenience, keep the dealer's 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 21" 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 antenna 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 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, call or write the Zenith Response Center. You must provide the model number, serial number and date of purchase or date of original installation. Before you ask for warranty service, read "Maintenance And Troubleshooting" in your operating guide. You might avoid a service call.

THIS WARRANTY IS IN LIEU OF ANY OTHER WARRANTY, EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION, ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, AND ZENITH SHALL NOT BE LIABLE FOR ANY CONSEQUENTIAL, INDIRECT, OR INCIDENTAL DAMAGES OF ANY KIND, INCLUDING LOST REVENUES OR PROFITS IN CONNECTION WITH THE PRODUCT.

<b>ZENITH CONSUMER SERVICES</b>	
Factory Owned Service Center	
Home & Carry-in Service	
Television/VCR	Service Hours:
Parts and Accessories	M-F 8-6, Sat 9-2
PTV/Computer	Will accept UPS Shipments
<b>801 E. Roosevelt Rd</b>	<b>201 James Record Rd.</b>
<b>Lombard, IL 60148</b>	<b>Building 4</b>
<b>(630)705-2830</b>	<b>Huntsville, AL 35824</b>
	<b>(205) 461-8583</b>

**ZENITH ELECTRONICS CORPORATION**  
Zenith Response Center  
1000 Milwaukee Avenue  
Glenview, IL 60025-2493  
Telephone (847)391-8752  
Mon-Fri, 7:00 a.m.-8:00 p.m. CST  
Sat. 8:00 a.m.-5:00 p.m. CST  
[www.zenith.com](http://www.zenith.com)

#### Additional Zenith Picture Tube Protection Plan Available

Zenith offers you the opportunity to obtain additional long-term protection against failure of the picture tube in your new Entertainment Machine. Our Picture Tube Protection Plan enables you to avoid any unexpected picture tube repair expenses and keep your Entertainment Machine in top condition. It guarantees you a genuine Zenith replacement picture tube and service from a Zenith authorized service center.



Be sure to send in the Product Registration Card. We will send you an application for the Protection Plan near the expiration of the two-year manufacturer's warranty on the picture tube. For additional information call (847) 391-8757.