

zenith



thanks for
choosing zenith!



hook up directory

page 3

**RECORD YOUR MODEL NUMBER
(Now, while you can see it)**

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
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.



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.

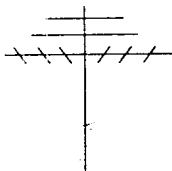
Hook-Up Directory

IMPORTANT

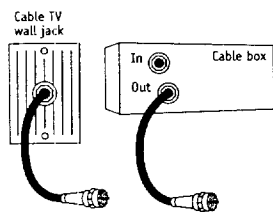
Use this page to decide where you need to begin your setup. First, find the setup option below that best describes what you want to do, then go to that page number.

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

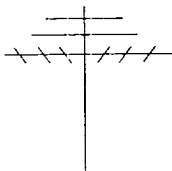
Antenna only If you are using an antenna and no other equipment, go to page 4



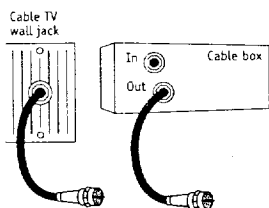
Cable only If you have cable and no other equipment, go to page 5



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

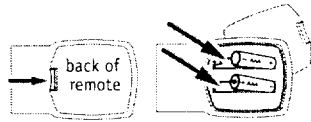


Hook Up Your Antenna to the TV

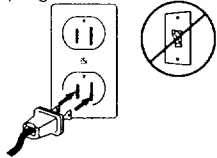
Connect an off-air antenna to your Entertainment Machine.

1 Hook up your Entertainment Machine.

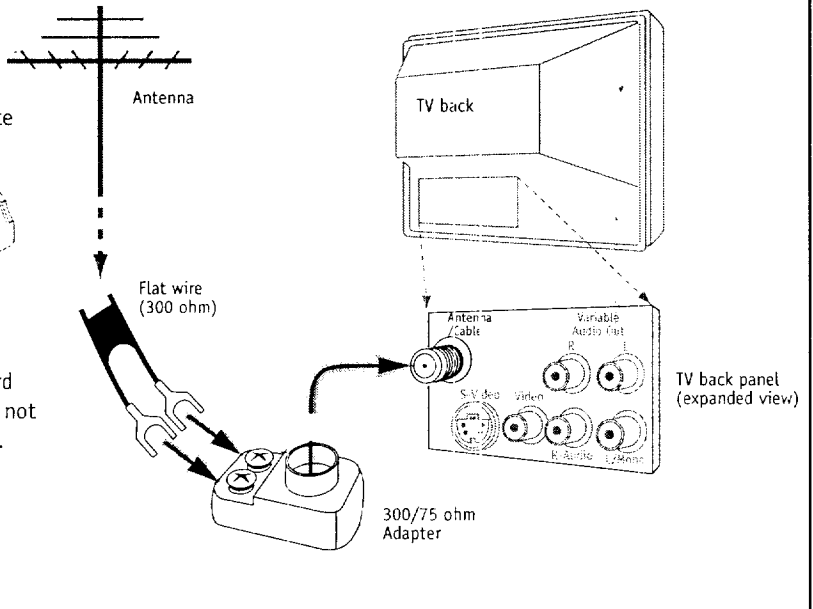
2 Remove the back of the remote and insert two AAA batteries.



3 Plug in your TV into a standard 120V, 60 Hz power outlet. Do not plug it into a switched outlet.



4 Go to page 11 to Auto Program your Entertainment Machine.



4 Go to page 11 to Auto Program your Entertainment Machine.



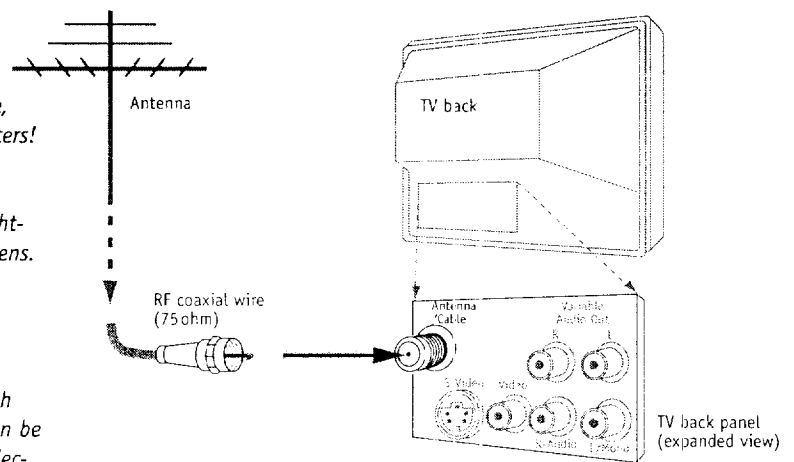
If you have a 75 ohm RF cable, then you don't need any adapters!



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



A 300 to 75 ohm adapter is not included with your Zenith Entertainment Machine, but can be purchased in most consumer electronics stores.



Mini glossary

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.

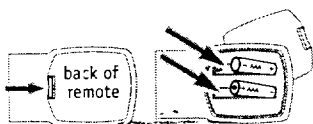
300 TO 75 OHM ADAPTER

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.

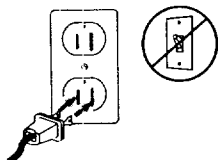
Hook Up Your Cable (CATV) to the TV

1 Hook up your Entertainment Machine.

2 Remove the back of the remote and insert two AAA batteries.



3 Plug in your TV into a standard 120V, 60 Hz power outlet. Do not plug it into a switched outlet.



4 Go to page 11 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.

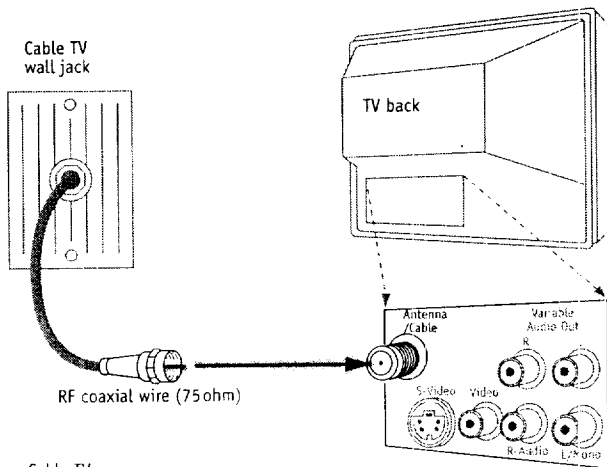


Remember, when screwing RF cables into jacks, clockwise tightens, and counterclockwise loosens.

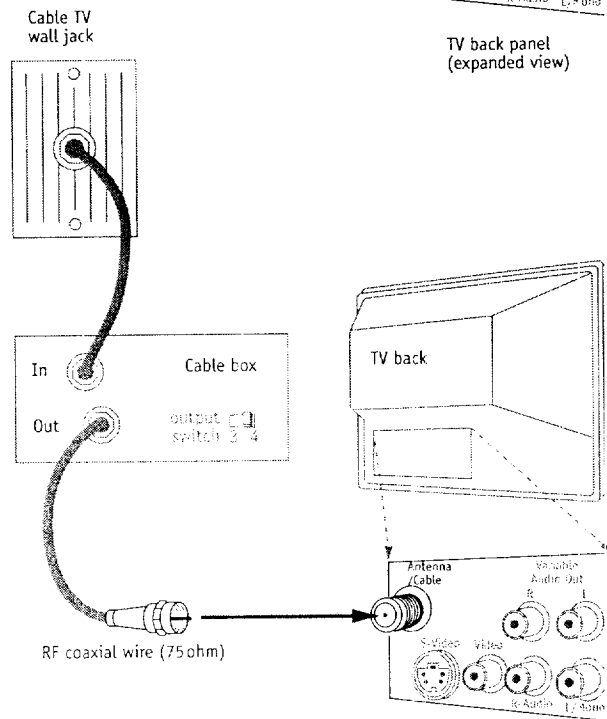


If you're using a cable box, Auto Program might only find the channel your cable service is on (usually channel 3 or 4). Don't worry, that's all you need!

Connect cable to your Entertainment Machine.



Cable TV wall jack
RF coaxial wire (75 ohm)
TV back panel (expanded view)



Cable TV wall jack
Cable box
RF coaxial wire (75 ohm)
TV back panel (expanded view)

Mini glossary

CABLE SERVICE The wire that supplies all your cable TV (CATV) stations.

Hook Up Your Antenna and VCR to TV

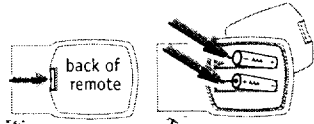
Connect an off-air antenna and VCR to your Entertainment Machine.

1

Hook up your Entertainment Machine.

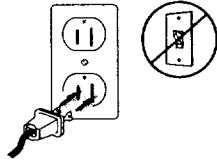
2

Remove the back of the remote and insert two AAA batteries.



3

Plug in your TV into a standard 120V, 60 Hz power outlet. Do not plug it into a switched outlet.



4

Go to page 11 to Auto Program your Entertainment Machine.



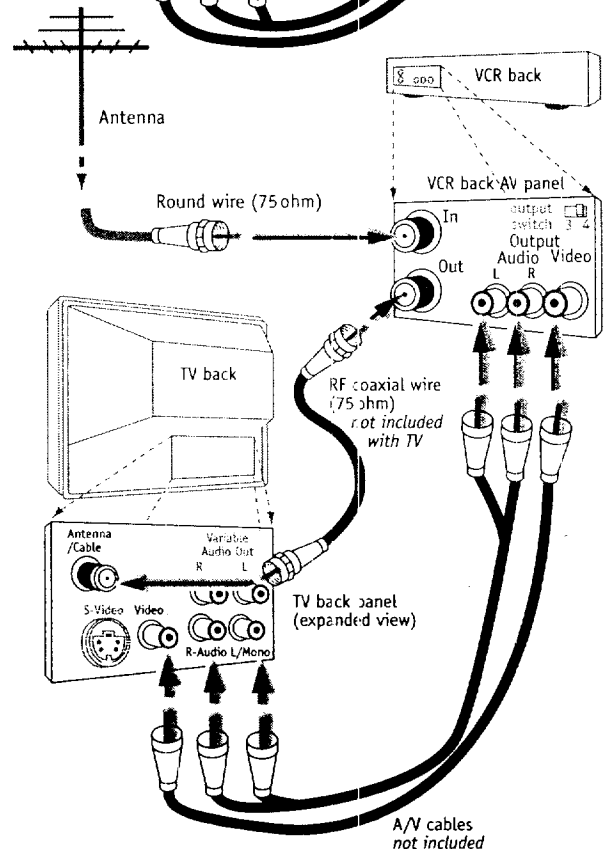
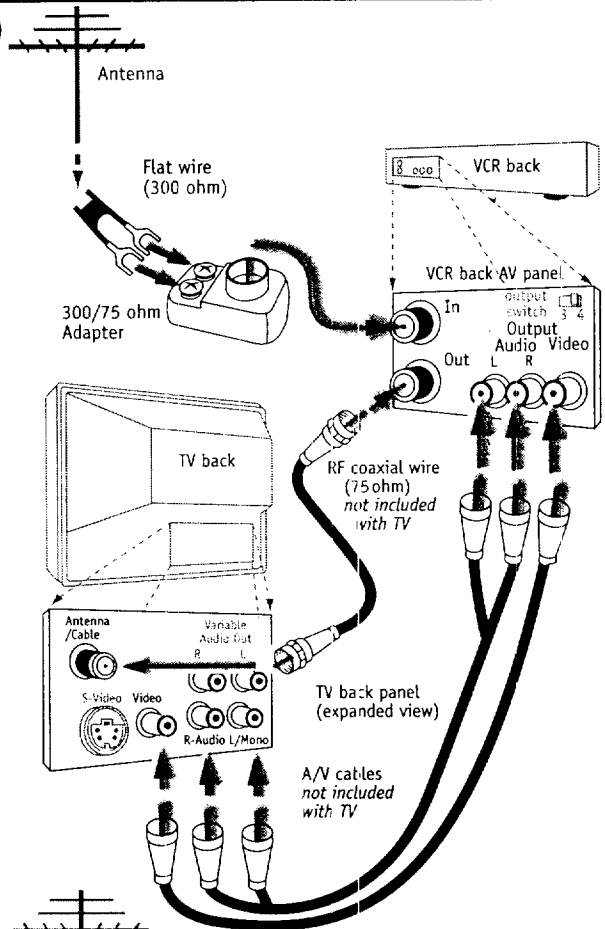
Remember, when screwing RF cables into jacks, clockwise tightens, and counterclockwise loosens.



No A/V cables are included with your Zenith Entertainment Machine, but can be purchased in most consumer electronics stores.



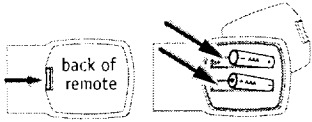
Without A/V cables, most VCRs will not play videocassettes in stereo sound.



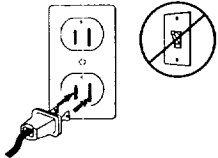
Hook Up Your VCR and Cable (CATV)

1 Hook up your Entertainment Machine.


2 Remove the back of the remote and insert two AAA batteries.





3 Plug in your TV into a standard 120V, 60 Hz power outlet. Do not plug it into a switched outlet.



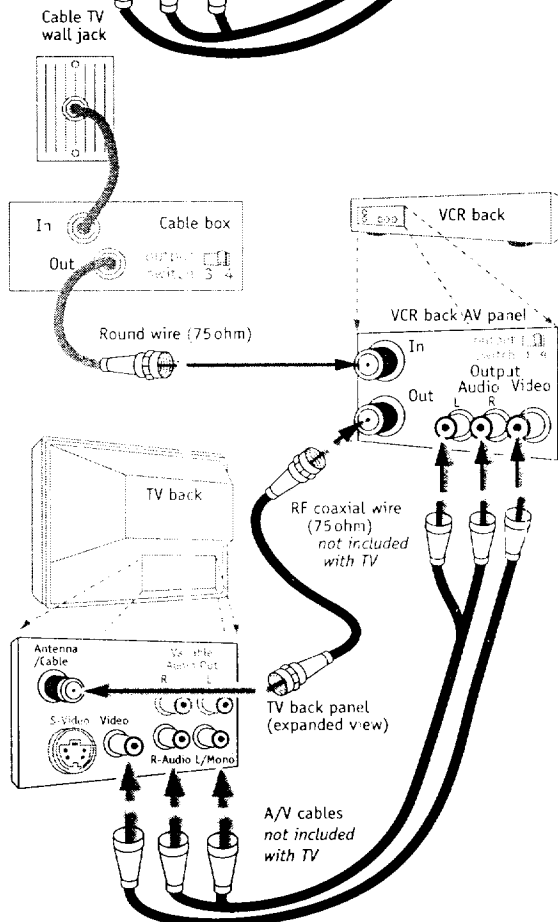
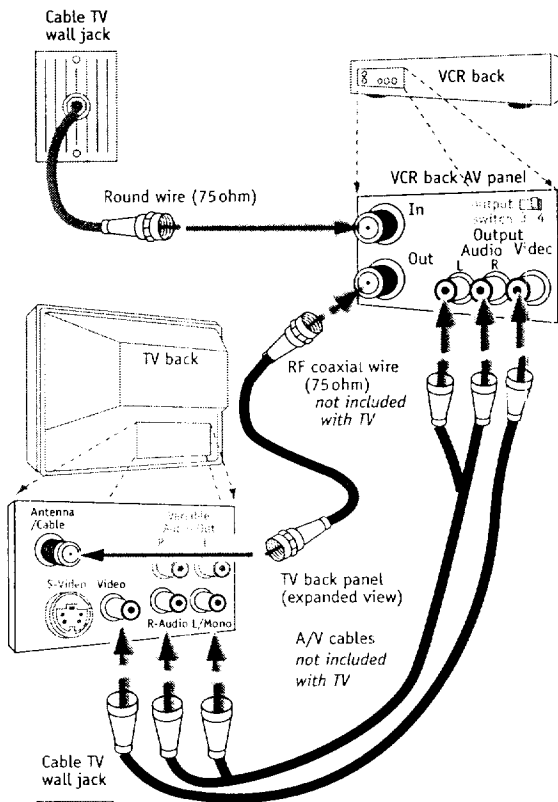
4 Go to page 11 to Auto Program your Entertainment Machine.

 Leave your VCR and your television tuned to channel 3 and use the cable box to change channels.

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

 No A/V cables are included with your Zenith Entertainment Machine, but can be purchased in most consumer electronics stores. Without A/V cables, most VCRs will not play videocassettes in stereo sound.

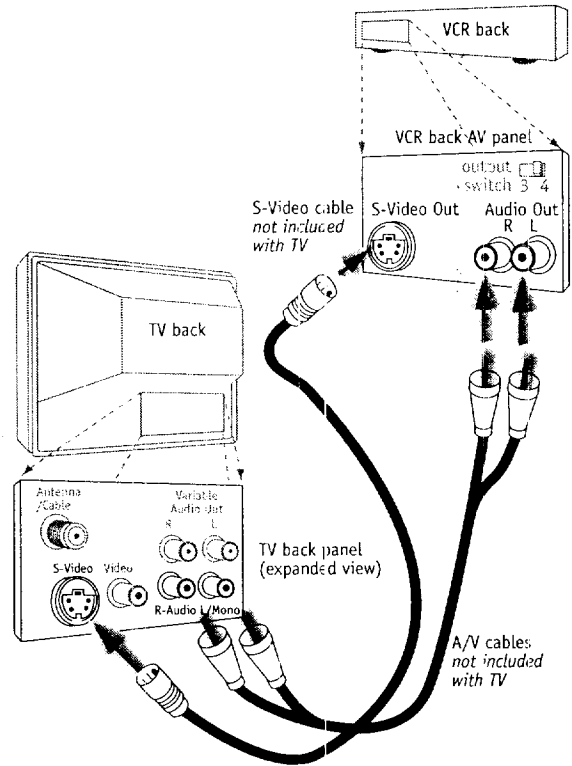
Connect your VCR and Cable to your Entertainment Machine.



Connecting an S-VHS player to your Entertainment Machine.

Hook Up Your TV to a Super VHS VCR

- 1** Locate the S-Video Out to TV jack on the back of your S-VHS VCR. Connect the S-VHS cable directly to this jack.
- 2** Connect this cable from the Out to TV jack to the S-Video jack on the back of your TV.
- 3** Find the audio and S-Video jacks on the back of your S-VHS player, and connect them following the instructions provided with your equipment.



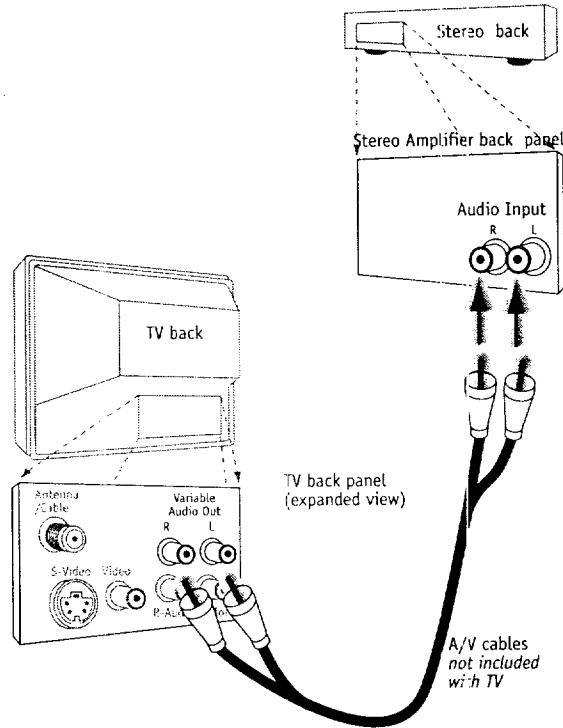
No S-Video cables are included with your Zenith Entertainment Machine, but can be purchased in most consumer electronics stores. Without an S-Video cable, you will not receive the Super VHS quality picture.

Hook Up Your TV to Stereo Amplifier

For added audio depth and clarity, you can connect your Entertainment Machine to a stereo amplifier!

1 Locate the Left/Right Audio Input jacks on the back of your stereo amplifier. Connect the Audio cables directly to these jacks.

2 Connect these cables from the Left/Right Variable Audio Input jacks to the corresponding Left/Right Audio Out jacks on the back of your TV.



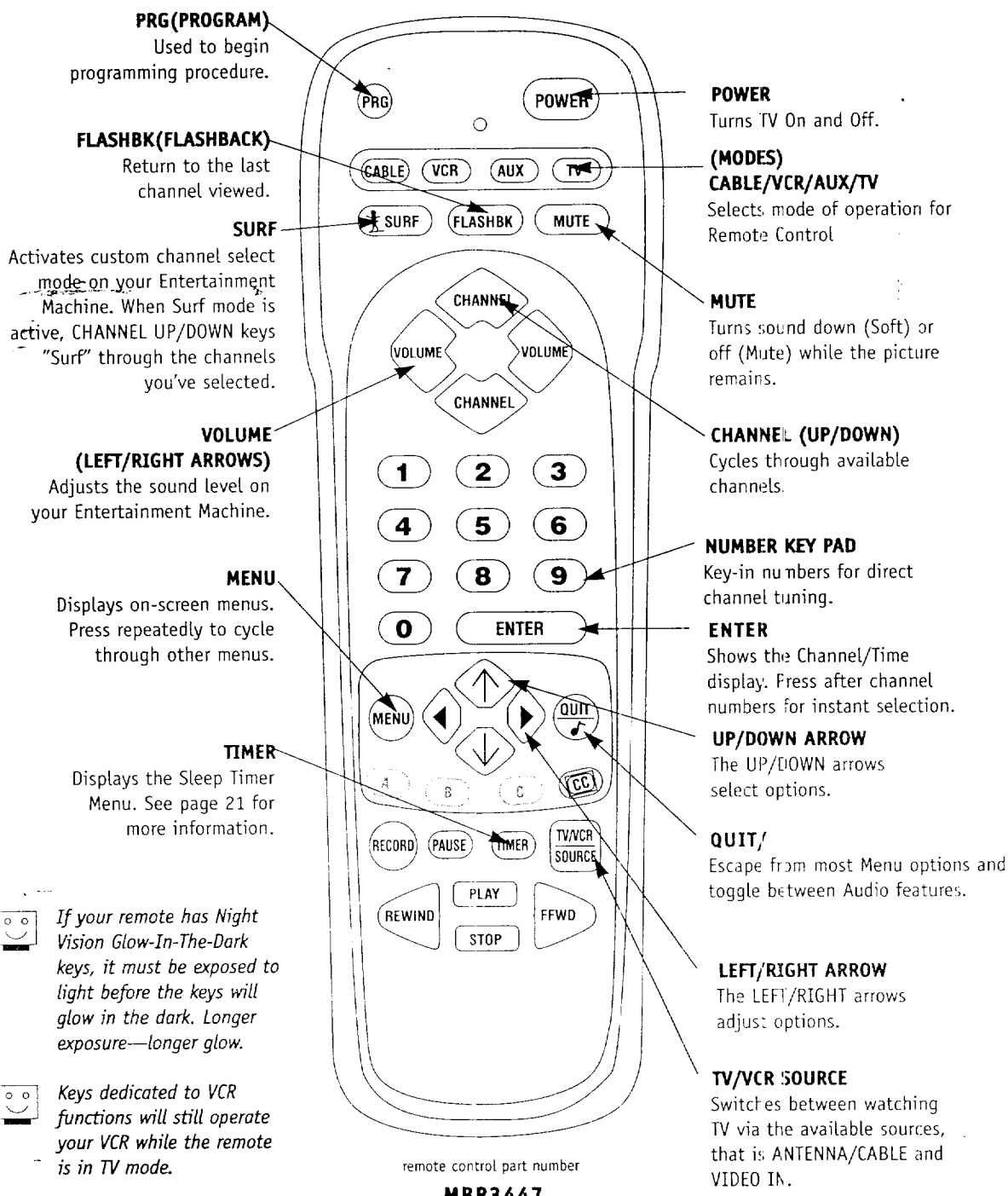
Connecting your Entertainment Machine to a stereo amplifier.



No Audio cables are included with your Zenith Entertainment Machine, but can be purchased in most consumer electronics stores.

Remote Control Button Functions

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



PRG (PROGRAM)

Used to begin programming procedure.

FLASHBK (FLASHBACK)

Return to the last channel viewed.

SURF

Activates custom channel select mode on your Entertainment Machine. When Surf mode is active, CHANNEL UP/DOWN keys "Surf" through the channels you've selected.

VOLUME (LEFT/RIGHT ARROWS)

Adjusts the sound level on your Entertainment Machine.

MENU

Displays on-screen menus. Press repeatedly to cycle through other menus.

TIMER

Displays the Sleep Timer Menu. See page 21 for more information.



If 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 do not function on your model of TV.

POWER

Turns TV On and Off.

(MODES)

CABLE/VCR/AUX/TV

Selects mode of operation for Remote Control

MUTE

Turns sound down (Soft) or off (Mute) while the picture remains.

CHANNEL (UP/DOWN)

Cycles through available channels.

NUMBER KEY PAD

Key-in numbers for direct channel tuning.

ENTER

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

UP/DOWN ARROW

The UP/DOWN arrows select options.

QUIT/

Escape from most Menu options and toggle between Audio features.

LEFT/RIGHT ARROW

The LEFT/RIGHT arrows adjust options.

TV/VCR SOURCE

Switches between watching TV via the available sources, that is ANTENNA/CABLE and VIDEO IN.

remote control part number

MBR3447

Auto Program

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.

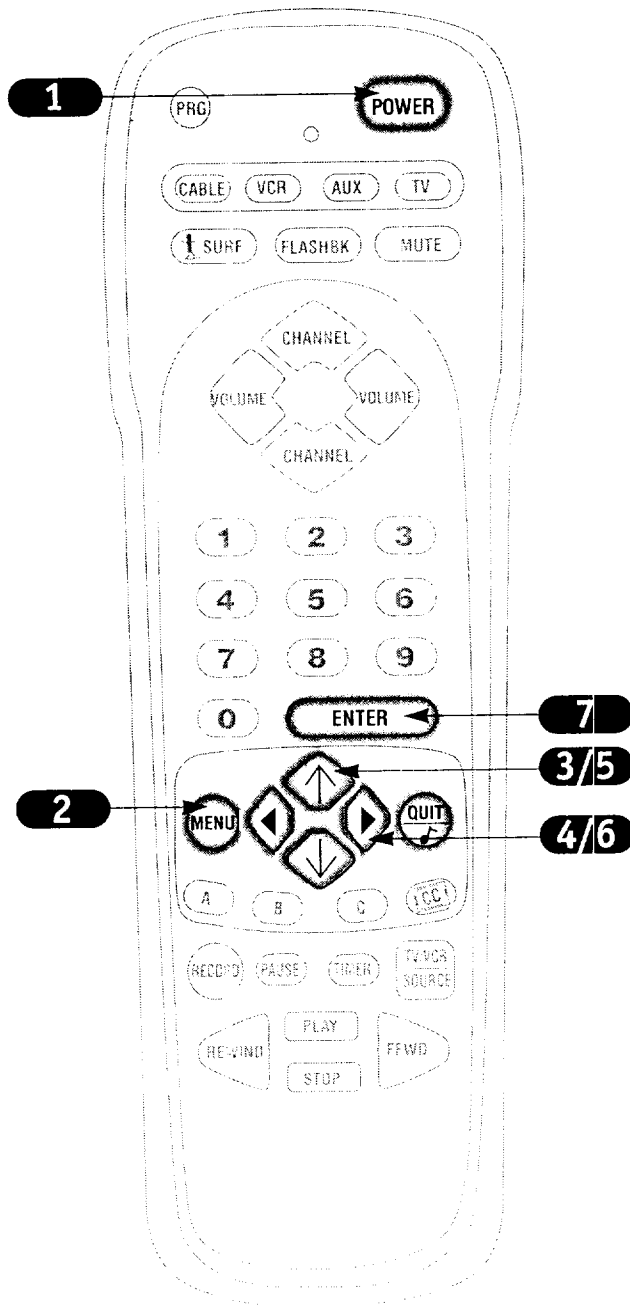
3 Using the UP/DOWN arrows on the remote control, select Auto Program on your screen. (The first selection at the top.)

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.



Select your input source, then automatically find and store all the stations available in your area.

Mini glossary

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

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

Front Panel Diagram

When using the on-screen menus, the buttons on the front panel correspond to the remote control buttons as follows:

- 1** To access the menus, push the MENU button on the panel. Cycle through the various menus by pushing the button repeatedly.
- 2** Press the SELECT button repeatedly to highlight the option you want to modify.
- 3** Press either Right or Left on the ADJUST button to modify the option you have chosen.
- 4** Push the ENTER button to return to normal TV viewing.



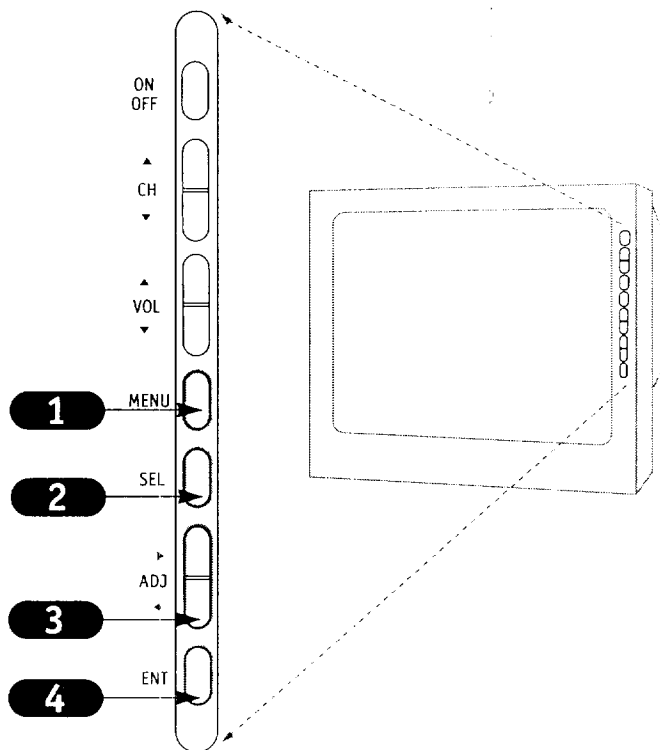
Refer to the various pages on how to use the on-screen menus.



The CHANNEL and VOLUME buttons work just as they do on your remote control.



Lost the remote? Call Zenith at 1-800-365-1690 to ask about purchasing a new one.



Basic Television Operation

Introducing you to the basics of your Entertainment Machine.

Source

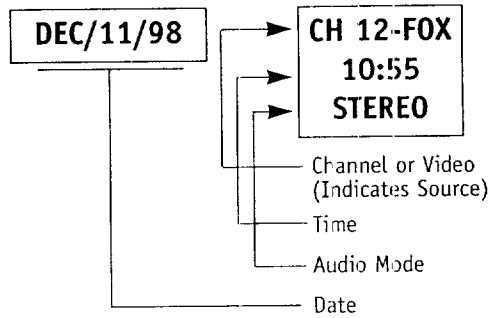
The source button (TV/VCR/Source) on the remote switches between Video input and Cable/Antenna input. On some models A/V input is designated as a channel that is one below the lowest/one above the highest. You'll have to use the Channel Up/Down buttons to access it. The Time/Channel display will read "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.



This is an example of the Time/Channel display that appears in the top right and left corners of your screen.

Channel Changing

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

NUMBER Key Pad: 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.

SURF: Switches between the primary channel selection and your customized surf menus. The surf mode will appear in the lower right corner of your screen.



Audio

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

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 for your Entertainment Machine.
- 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!

Mini glossary

- TUNER** The television, VCR, or cable box that you use to change channels on your Entertainment Machine.
- 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, cable box, or television).

On-Screen Menus

Descriptions of all the menus on your Entertainment Machine.

Using the Menu button on your remote you can access all the menus below.

Menu Name		Go to page
SETUP MENU	Adjust the basic characteristics of your Entertainment Machine.	
Auto Program	Automatically finds and stores active channels to flip through using CHANNEL UP/DOWN.	11
Add/Del/Surf	Manually pick and choose which active channels will appear when flipping through using Channel Up/Down.	16
Clock Set	Set the time and date yourself, or program your clock to automatically detect the time, and to adjust to Daylight Savings when you program in your time zone.	17
Caption	Turn closed captioning on, off, or set it to come on automatically when the television is muted.	18
Caption/Text	Choose the captioning or text method for your Entertainment Machine.	19
Language	Selects language for on-screen menus. Your options are English, Spanish, or French.	20
FEATURES	Customize your Entertainment Machine's functions.	
Timer Setup	Program a time for your Entertainment Machine to turn itself on or off, or to turn itself off after a certain amount of time.	21
Channel Labels	Label your channels with their network names (ABC, CBS, HBO, etc.).	22
Parental Controls	Allows parents to block any channel with the use of a password.	23
Auto Demo	Your Entertainment Machine will show you what it's capable of by running through all of its options and menus automatically.	24
AUDIO MENU	Customize the sound to suit your room and your taste. Your options are: Bass, Treble, Balance, Audio Mode, Front Surround, SoundRite, Speakers.	25
VIDEO MENU	Adjust your picture for any viewing situation. Your options are: Contrast, Brightness, Color, Tint, Sharpness, Color Temp, Picture Preference.	26
SOURCE MENU	Choose from the available sources for the main picture.	27

Setting Add/Del/Surf

Customize your channel selection.

- 1** Press the menu button.
- 2** Select the Add/Del/Surf menu (on your TV screen) using the Up/Down select arrows.
- 3** Using either the number pad or the CHANNEL UP/DOWN arrows on the remote, select a channel.
- 4** Using the RIGHT/LEFT select arrows, pick whether that channel is Added, Deleted, or on the Surf list.
- 5** To continue, select another channel. If you are finished, press ENTER or QUIT to return to TV viewing.



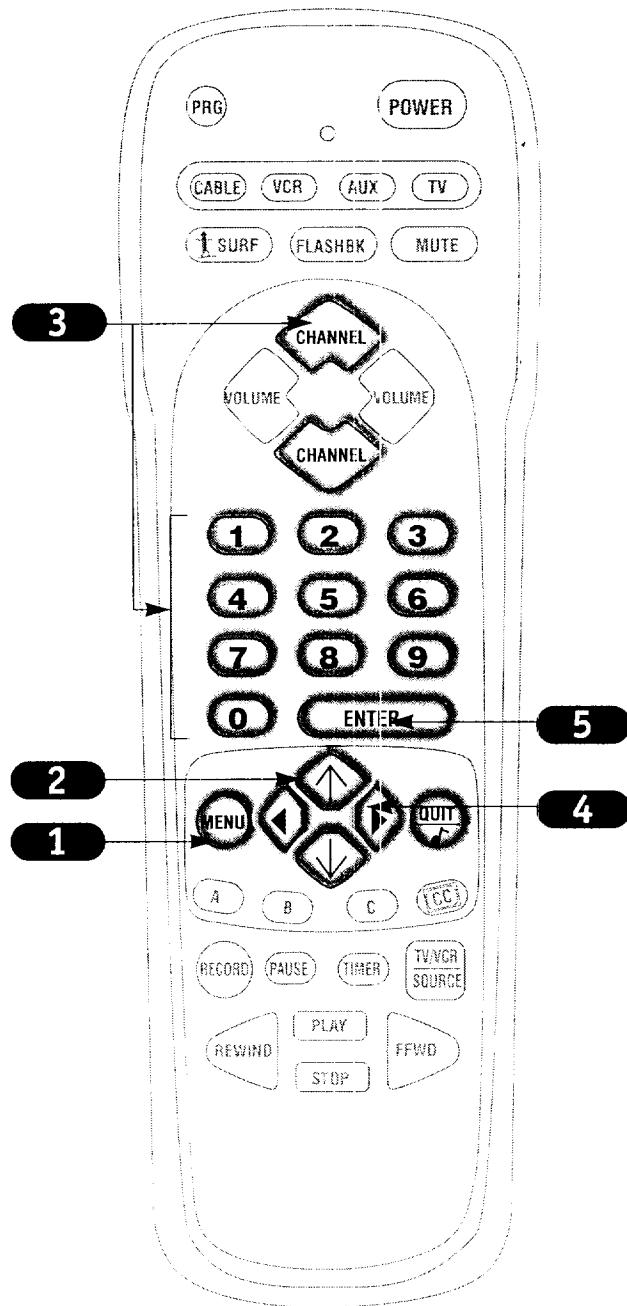
The menu will disappear after five seconds if no buttons are pressed. To get it back, press menu again.



If you delete a channel, it isn't gone for good. Just select the channel again using the number keypad on the remote, or add it later.



Once Auto Program has been activated, CHANNEL UP/DOWN will only cycle through selected channels.



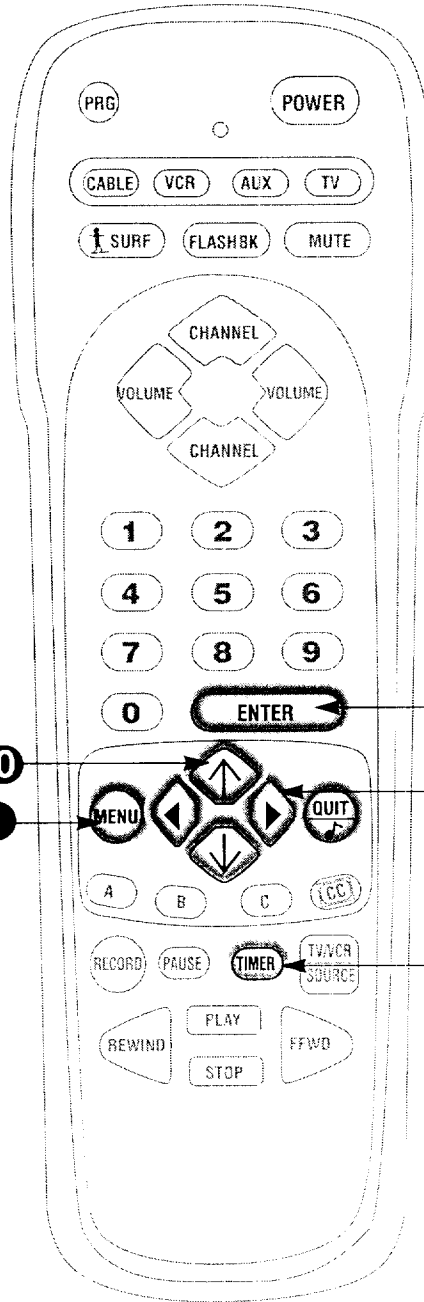
Mini glossary

- 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.
- SURF** The surf function creates a special list of your favorite channels. You can access this group of channels by pushing the surf button on the remote.

Clock Set

Set the clock and date on your Zenith 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 access the Clock Menu.
- 4** Using the UP/DOWN arrows, select Time Set.
- 5** Press a RIGHT or LEFT arrow key to adjust the time.
- 6** Press the TIMER button to select AM or PM.
- 7** Once you have set the correct time, press ENTER exit the Time Set mode.
- 8** Now press an UP/DOWN arrow key to select Date Set.
- 9** Using the LEFT or RIGHT arrows, SELECT the Month, Date or Year.
- 10** Use the UP/DOWN arrow keys to SET either Month, Date, or Year.
- 11** Press ENTER or QUIT to return to TV viewing.



You can use the NUMBER key pad to simply type in the time and date (AM and PM are still selected with the Timer key).

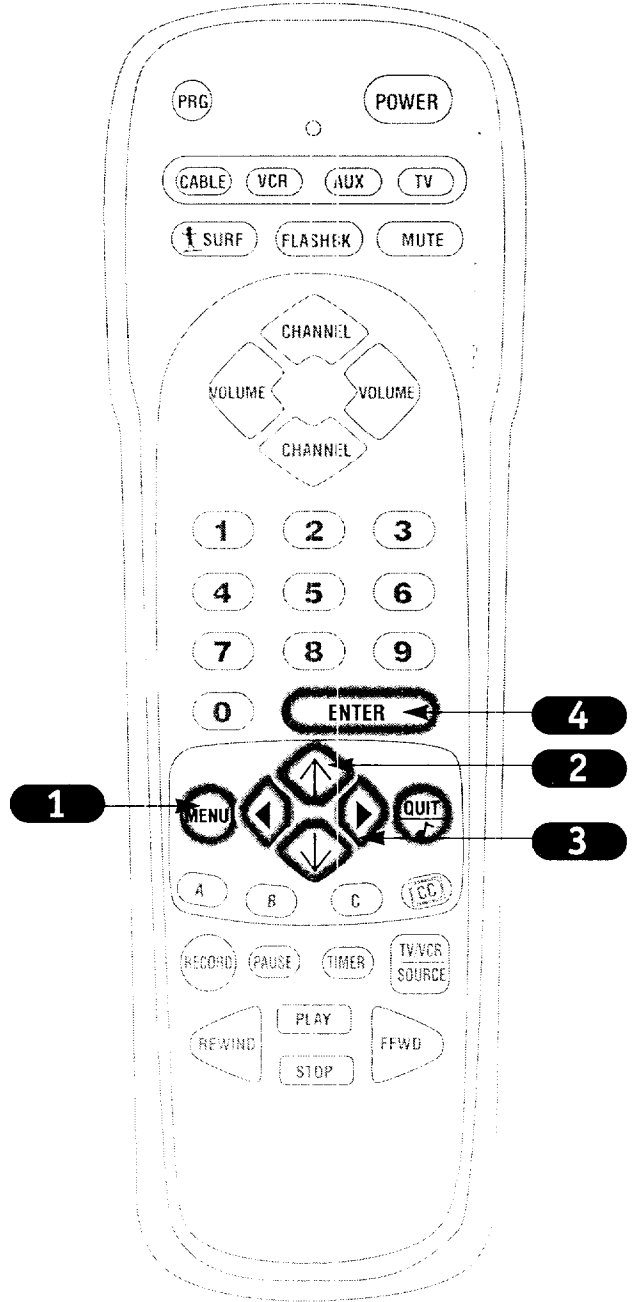
Turn on closed captioning that appears at the bottom of your screen.

Caption

- 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 on your screen.
- 3** Press a RIGHT/LEFT arrow to choose any of the following options: On, Caption When Muted, or Off.
- 4** Press ENTER or QUIT to return to TV viewing.



Captions come in handy when the television is on Mute or Soft.



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.

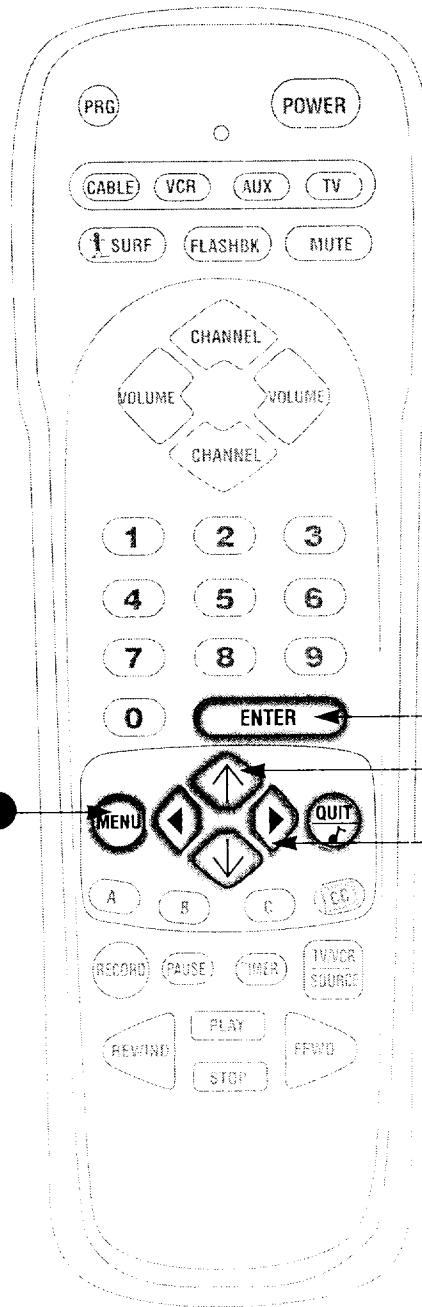
- 1** Press the MENU key on the remote control so the Setup menu appears.
- 2** Using the UP/DOWN arrows on the remote control, select Caption/Text on your screen.
- 3** Press a RIGHT/LEFT arrow to choose any of the following options: Caption 1, Caption 2, Caption 3, Caption 4, Text 1, Text 2, Text 3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



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

Language Options

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

1

Press the MENU key on the remote control so the Setup menu appears.

2

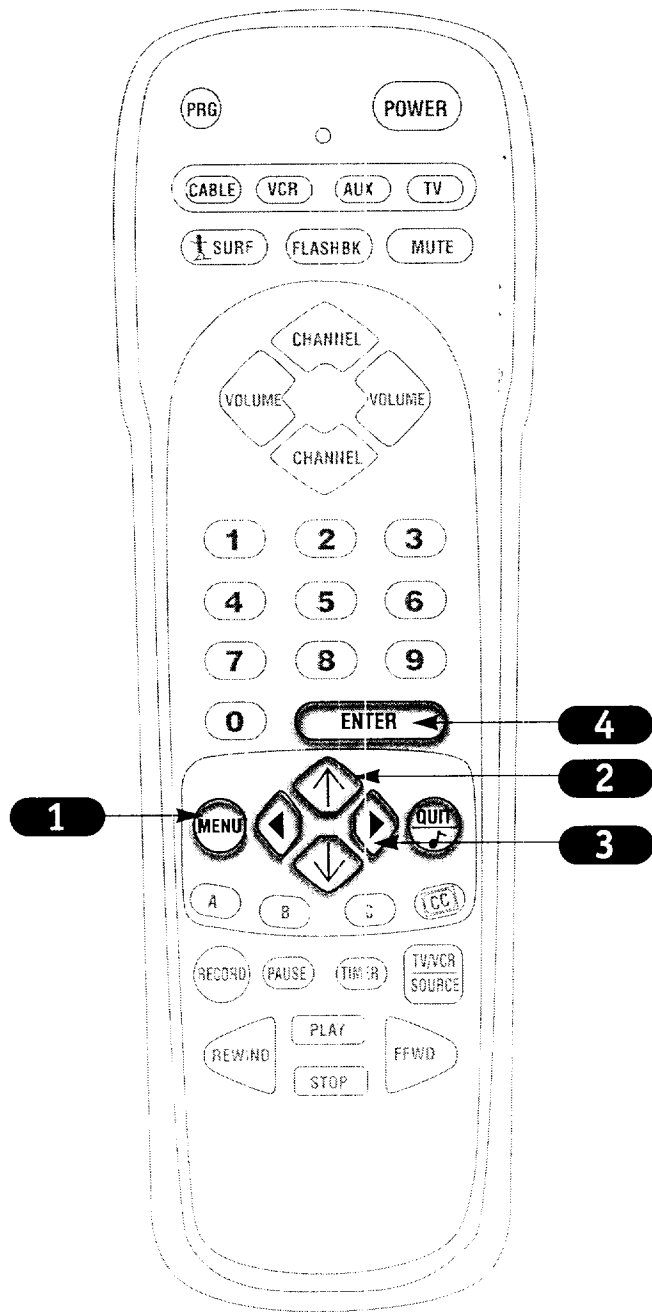
Using the UP/DOWN arrows on the remote control, select Language on your screen.

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.



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.

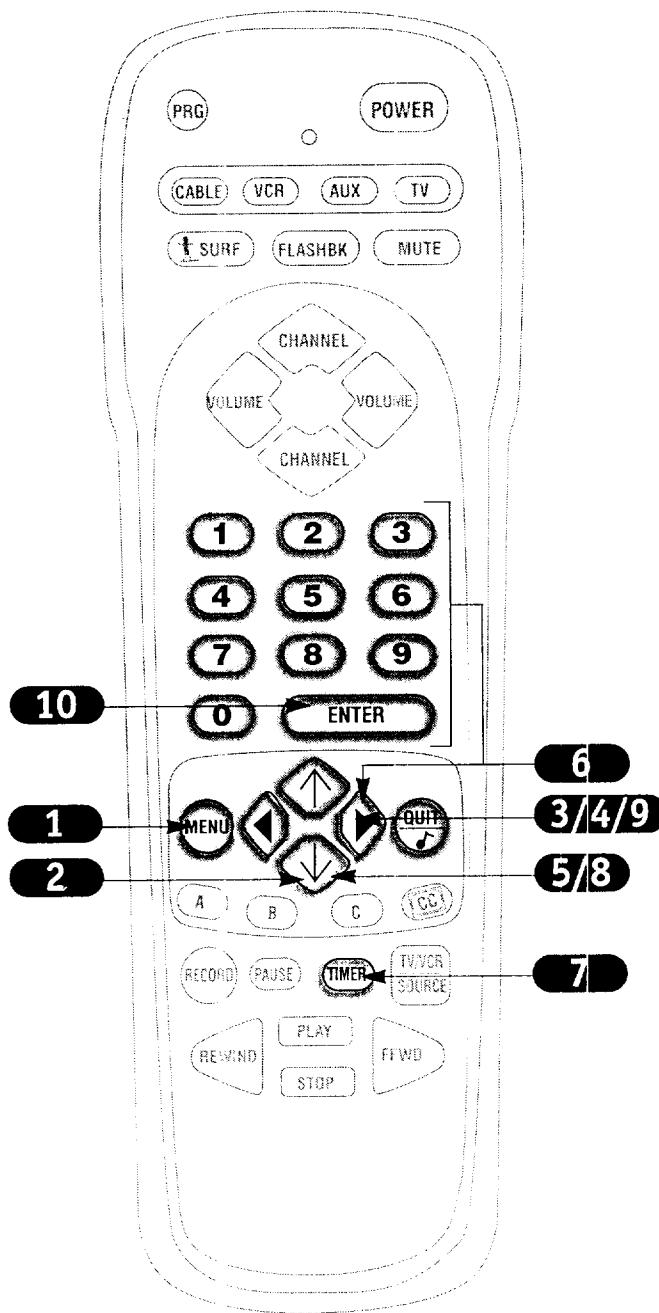
6 Press a RIGHT or LEFT arrow or use the NUMBER key pad to enter the time your TV will automatically turn on.

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.

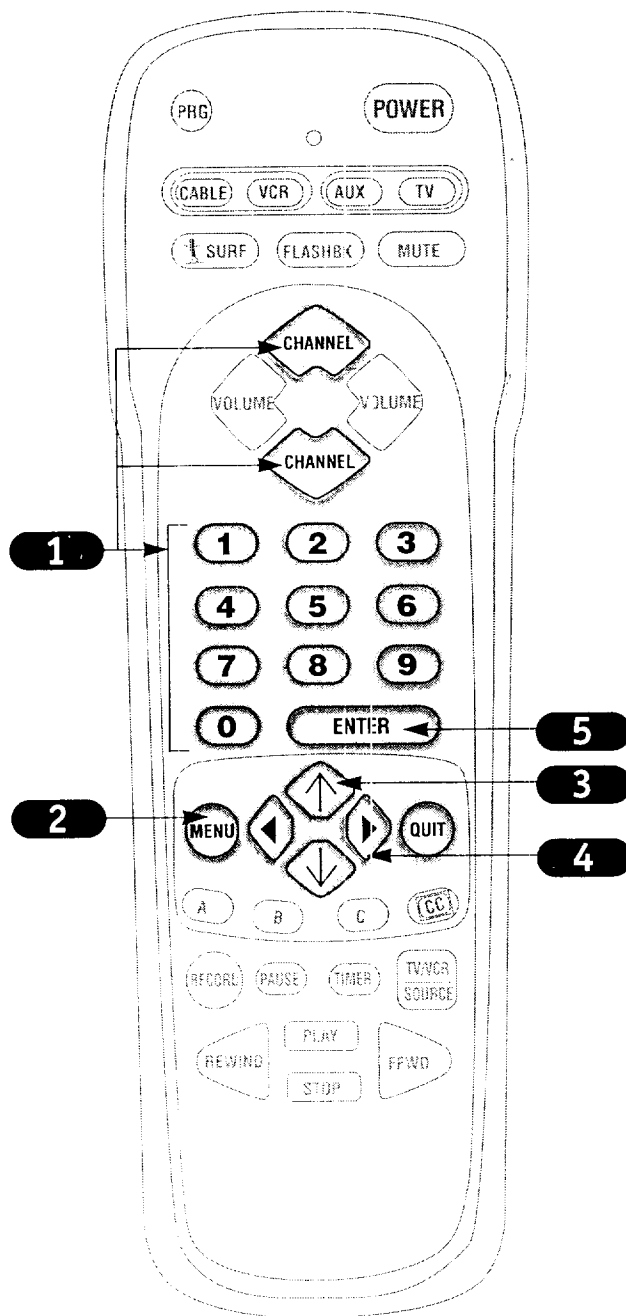


The On/Off timer will not work until the Clock on your television has been set.

Channel Labels

Label your television channels.

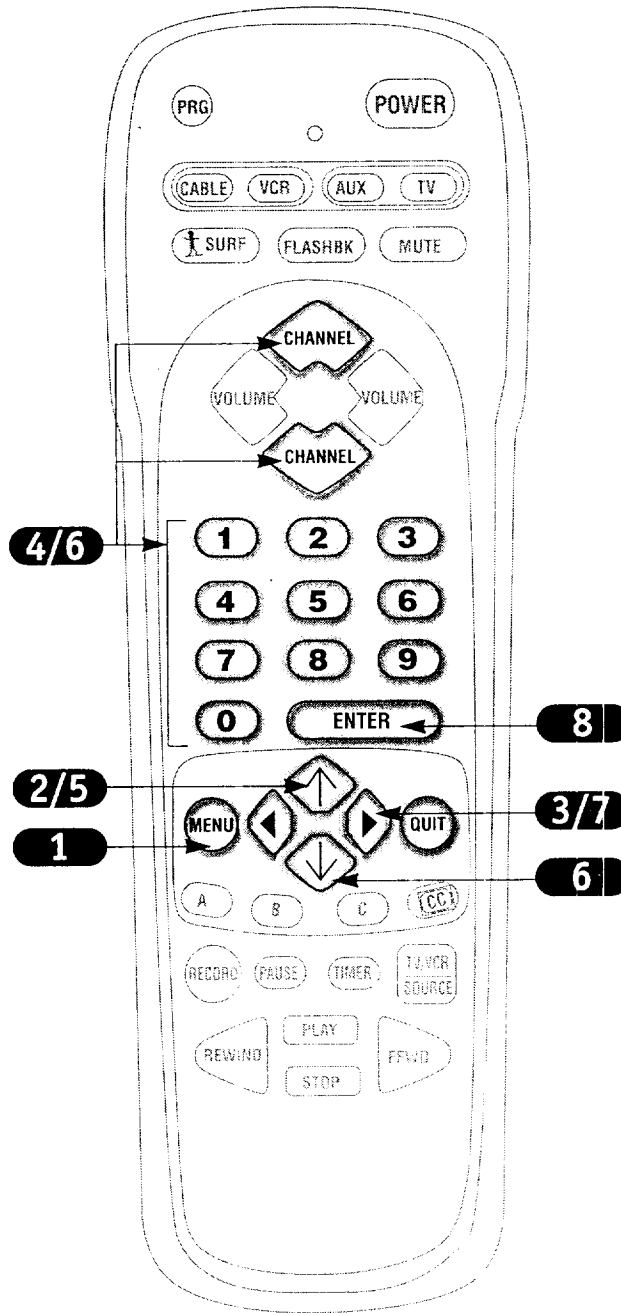
- 1** Using the NUMBER key pad or the CHANNEL UP/DOWN arrows, select the channel you wish to label.
- 2** Press the MENU key on the remote control repeatedly so the Special Features menu appears.
- 3** Using the UP/DOWN select arrows on the remote control, select Ch. Labels on your screen.
- 4** Using the RIGHT/LEFT adjust arrows, choose the channel label that best describes that channel.
- 5** Choose another channel to label using the process described in steps 1 and 4, or press ENTER or QUIT to return to TV viewing.



Parental Control

Keep control of the kids' viewing habits, even when you're not around.

- 1** Press the MENU key on the remote control repeatedly so the Special Features menu appears.
- 2** Using the UP/DOWN arrows, select Parental Ctl.
- 3** Press the RIGHT/LEFT arrows and the Parental Ctl. screen will appear.
- 4** Block Ch.: Use the NUMBER key pad or the CHANNEL UP/DOWN arrows to choose a channel. Press the RIGHT/LEFT arrows to block or unblock the channel.
- 5** Set Hours: Using the UP/DOWN arrows on the remote control, select Set Hours. Press a RIGHT/LEFT select arrow to adjust length of time your TV will automatically block a channel.
- 6** Password: Press the DOWN arrow to select Password. Enter a four digit code using the NUMBER key pad on your remote. Enter it again to confirm password.
- 7** After your password is confirmed, 'Lock On/Off' will be selected. Use the RIGHT/LEFT arrows to turn parental control on or off.
- 8** Press Enter or Quit to return to TV viewing.
- 9** Return to the Parental Control menu to unblock a channel.



Parental control will still work even if the TV has been unplugged. The Lockout time will always reset itself when the TV is plugged in.



Remember your password! You can't enter the Parental Control menu without it until after the lockout time has passed.

Auto Demo

Your Entertainment Machine will show you all the menu options.

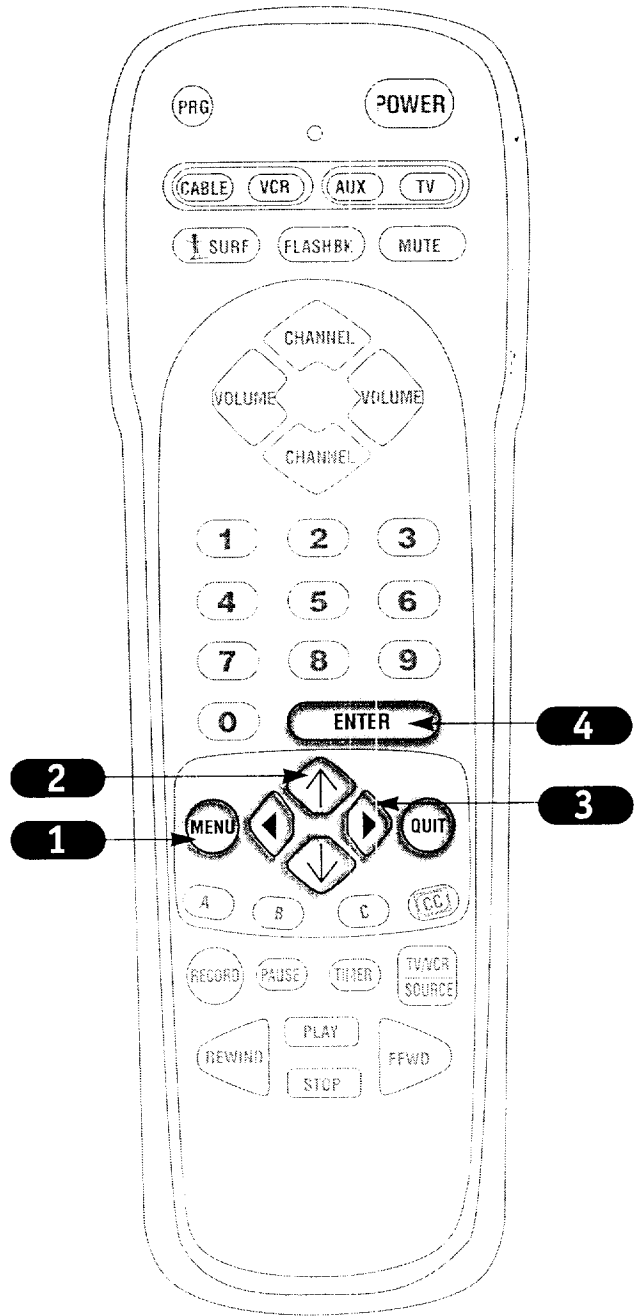
- 1** Press the MENU key on the remote control so the Special Features menu appears.
- 2** Using the UP/DOWN select arrows on the remote control, select Auto Demo on your screen.
- 3** Turn Auto Demo on or off using the RIGHT/LEFT adjust arrows.
- 4** Press ENTER to return to TV viewing.



Auto Demo will continually show you every menu and display that your Zenith Entertainment Machine has. It will even attempt to show you what it does.



To turn Auto Demo off, select it in the Set Up menu and shut it off with the RIGHT/LEFT adjust arrows.



Audio Menu

Choose between stereo sound, mono sound, or SAP.

1 Press the MENU key on the remote control so the Audio menu appears.

2 Using the UP/DOWN arrows on the remote control, select the setting you want to change. Choose from:

- **Bass:** Increases/decreases lower-end sounds.
- **Treble:** Increases/decreases higher-end sounds.
- **Balance:** Allows you to put the sound more to the left or right channel.
- **Audio Mode:** Choose from Stereo sound, Mono, or 2nd Audio/SAP.
- **Front Surr:** Turn the front surround sound speakers on or off.
- **Sound Rite:** Scans for changes in sound level during commercials, then adjusts the sound to match your current level.
- **Speakers:** Turn the regular speakers on or off.

3 Press a RIGHT/LEFT arrow to change the option you have selected.

4 Use the RIGHT/LEFT arrows to adjust the sound setting to whatever you prefer.

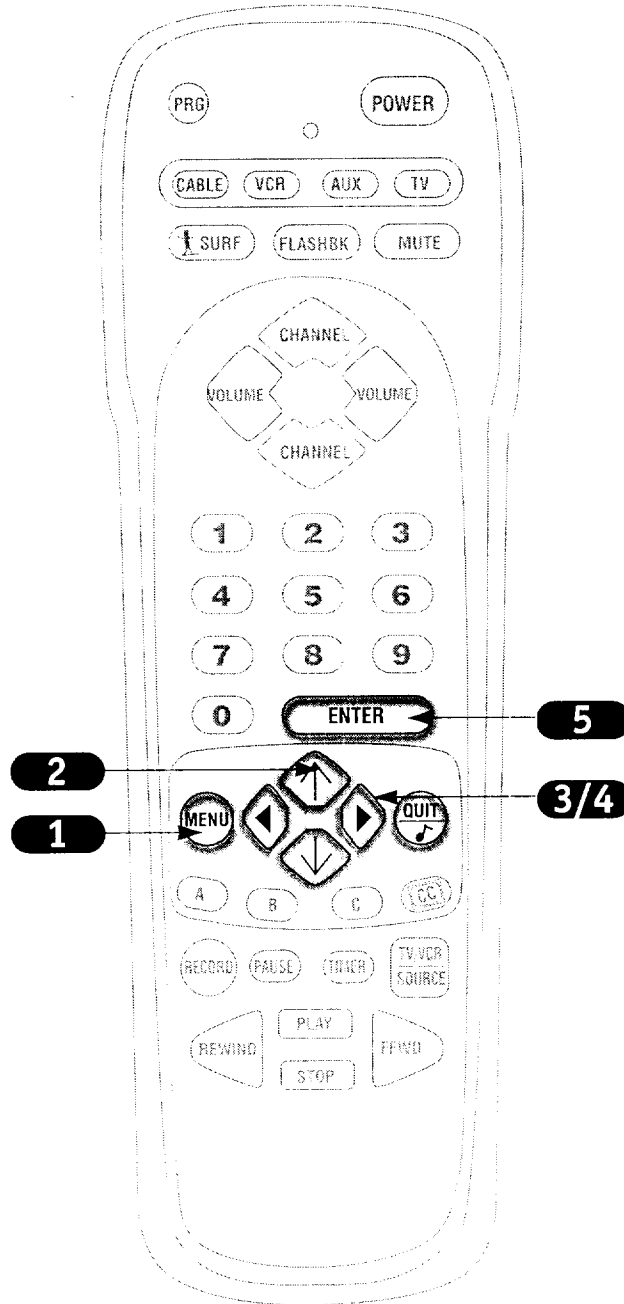
5 Press ENTER or QUIT to return to TV viewing, or press the UP arrow and return to the Audio Menu to adjust another option.



Not all programming is broadcast in stereo sound, or Second Audio Programming/SAP.



QUIT toggles between Audio features.



Mini 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.
- 2ND AUDIO/SAP** 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.

Video Menu

Use the Video menu to customize how your picture looks.

1

Press the MENU key repeatedly 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 the 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.
- **Color Temp:** Adjust the color qualities of the entire picture at once: Cool or Warm.
- **Picture Preference:** Choose either Custom or Preset. Custom allows you to set the picture the way you want. Preset moves all the above options back to their original levels.

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 four to set the other menu options.

5

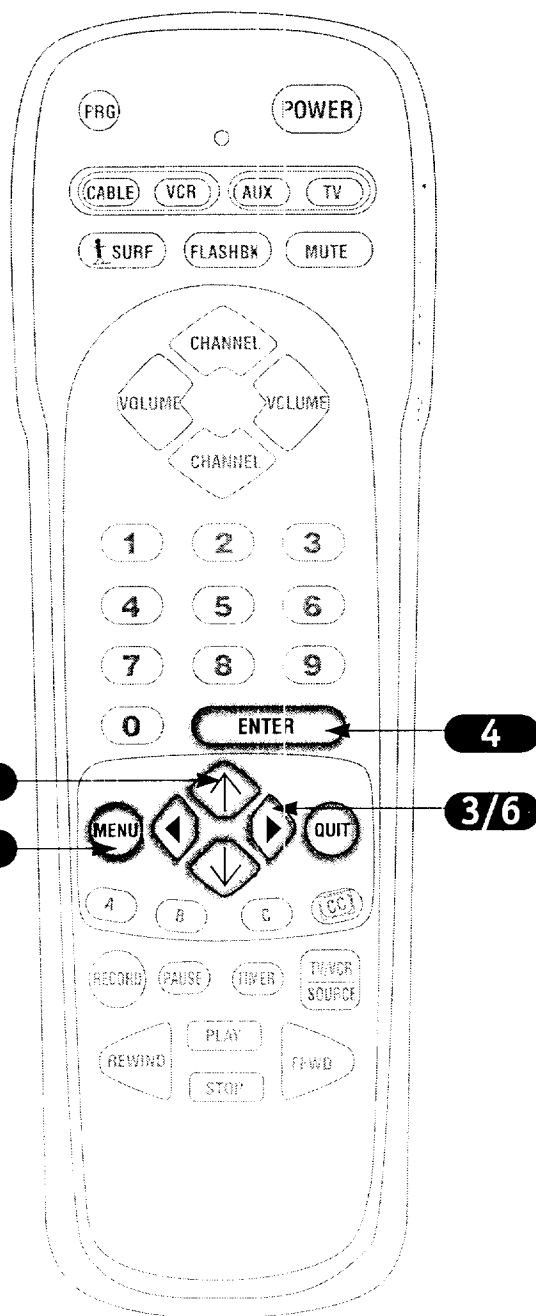
Using the UP/DOWN arrows, select Picture Preference on your screen.

6

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

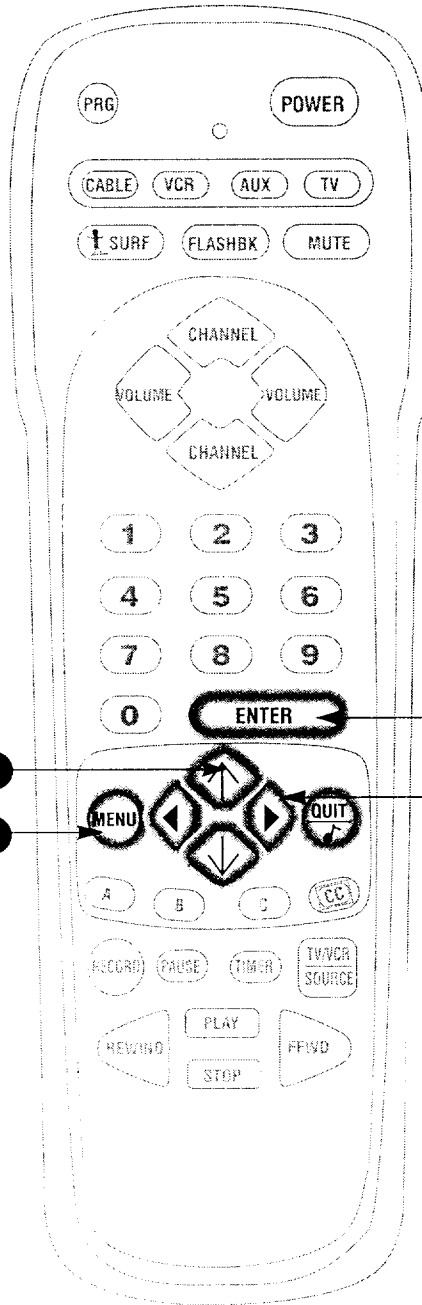


Just choose the Preset option in Picture Preference to quickly reset the levels.



Source Menu

- 1** Press the MENU key on the remote control repeatedly so the Source menu appears.
- 2** Using the UP/DOWN arrows on the remote control, select Main Source on your screen.
- 3** Press a RIGHT or LEFT arrow to choose one of the following options: "Antenna/Cable" or "Video or S-VHS".
- 4** Press ENTER or QUIT to return to TV viewing.



Select the signal source for your Entertainment Machine.

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

Programming the Remote

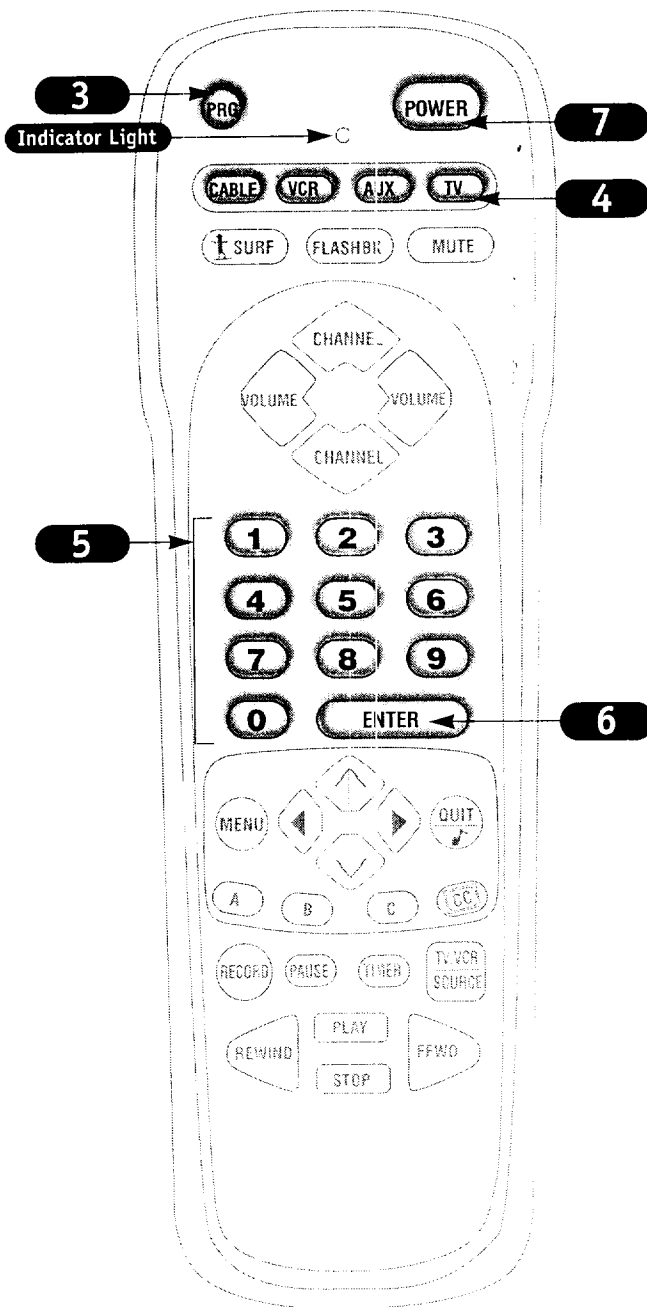
- 1** The device you want to program should be ON.
- 2** On the chart in this manual, find the type of device you're programming and then find the brand name. Make a note of the three-digit code—you'll need it soon.
- 3** Press and hold the PRG key. It's recessed so it doesn't get pushed accidentally. 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!

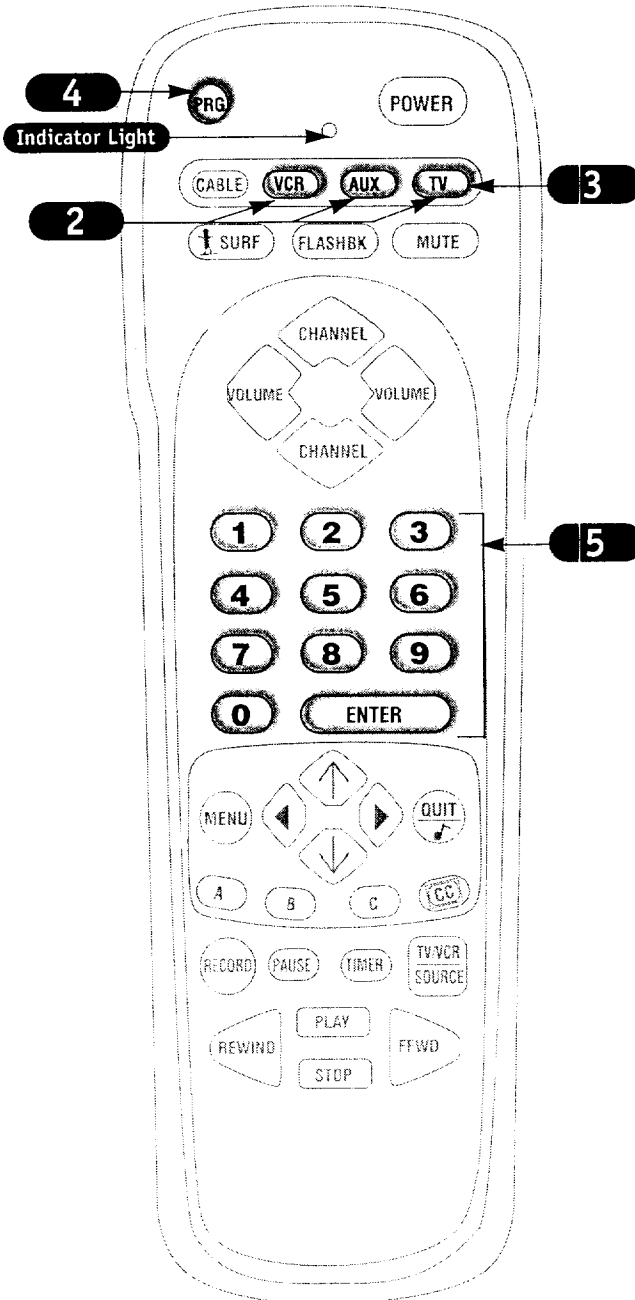


Not all devices will work with your Zenith remote control.



Amplifier Volume Override

- 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.



Control the volume on your sound amplifier without leaving TV mode.



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.

Mini glossary

AMPLIFIER

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

Control up to seven different devices with your remote!

AUX+1, AUX+2, AUX+3

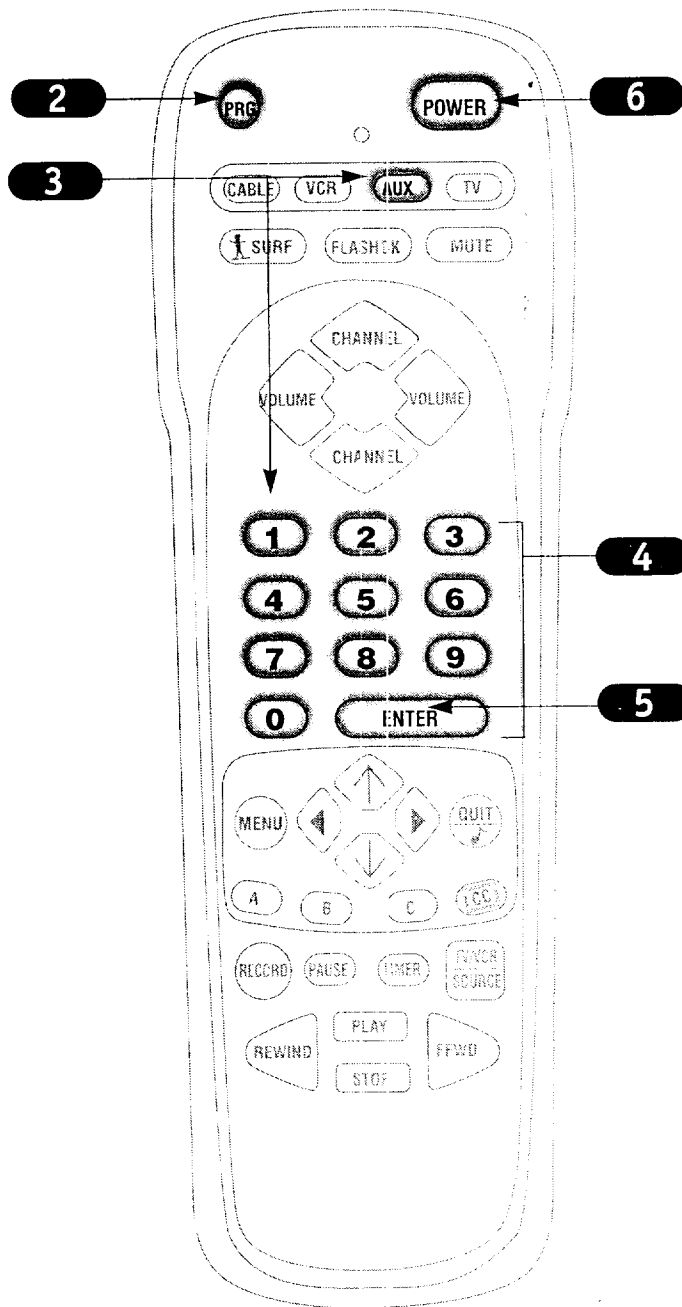
- 1** Refer to the chart in this manual to find the type and brand name of the device you're programming.
- 2** Press and hold the PRG key until the indicator light turns on.
- 3** Press the AUX key and the 1 on the number pad at the same time (for AUX +1).
- 4** Using the number pad, enter the three-digit 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 on.
- 7** Repeat the steps for AUX+2, and AUX+3.



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



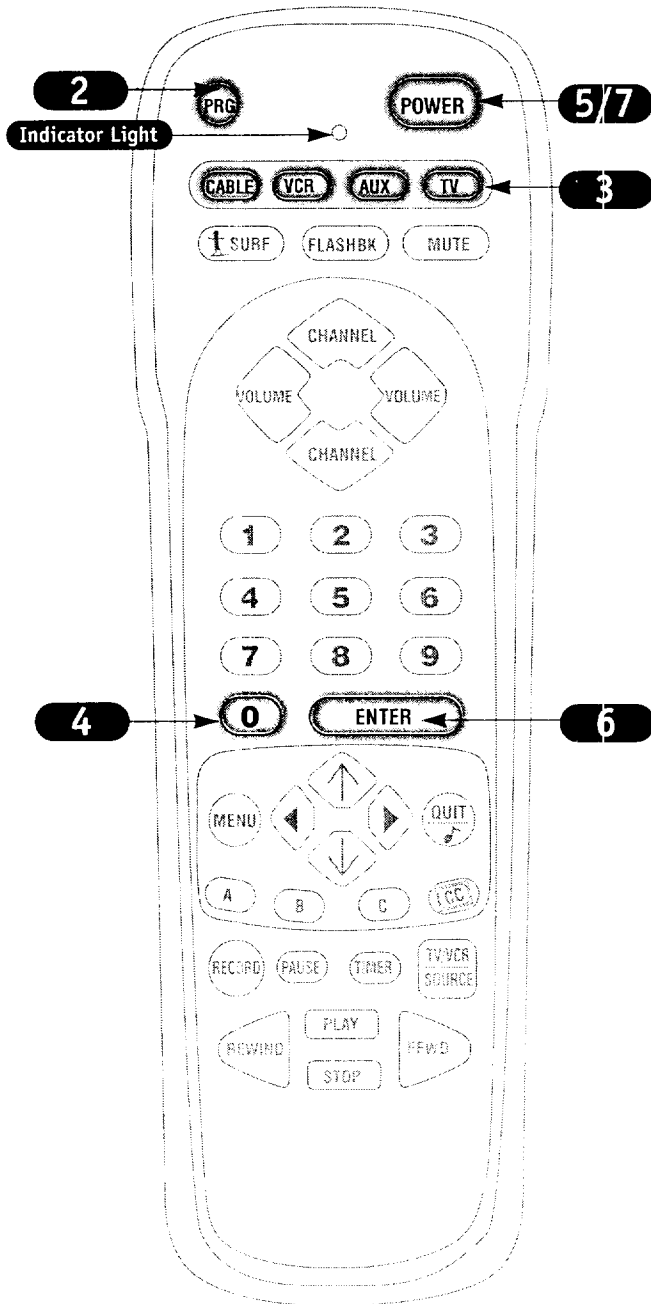
Not all devices will work with your Zenith remote control.



Remote Control Auto-Find

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.



Use the remote control to search all possible codes.



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



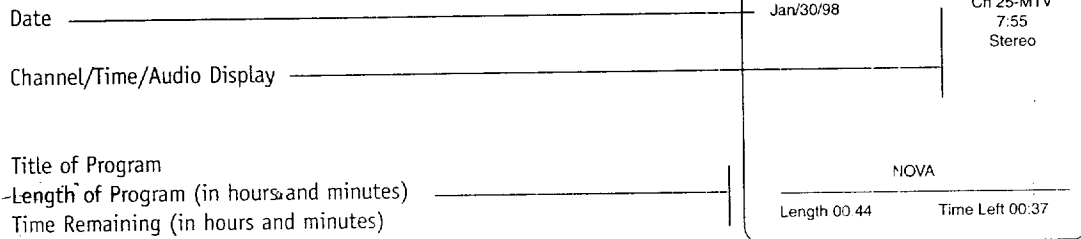
If the indicator light stays on while you push Power, instead of turning off, all the codes have been tried and your device can't be programmed.

XDS Service (Some Channels Only)

Receive detailed program information on most Public Broadcasting stations.

XDS - Extended Data Service

Some broadcasters are including on the signal they provide additional information (data) about the program. This additional information appears on your TV screen when you press ENTER; if the channel has XDS.



Example of an XDS Data Display

Showing XDS Data

Select a channel. Press ENTER to display XDS data; if available.

XDS Channel Labels

XDS can provide a channel label automatically. For the programs to display an XDS channel label, select the dashes (- - -) for that channel from the Channel ID option in the Setup Menu.



At this time, XDS data is only being provided by some broadcasters; it is only available on some channels.



You must set the Clock in the Setup Menu before the time will appear on the Channel/Time Display or on the XDS display.

Mini glossary

BROADCASTER Channel or network providing the television program.

Programming Codes

TVs

Admiral	116 121 130 133	Funai TV/VCR	154	MGA/Mitsubishi.	104 119 120 130 140 155	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	103 105 122 133 137 156 165
Akai	104	Goldstar	103 104 119 147	NEC	104 119	Signature 2000	103 104 105 115 114 119 121 130 133
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	135
Bel. & Howell	121	J.C. Penney	104 110 114 117 119	Philco	103 104 112 113 139	Sylvania	112 113 117 115 127 128 135
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	105 121
Cortec	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		
Electra	121	Megatron	146	Sears	103 108 109		
Emerson	103 104 123 124 131 136 145	Memorex	121				
Emerson TV/VCR	158						
Fisher	109 118						

Find the codes you need to program your remote. On this page: TVs and VCRs.

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	201 224 225 223 237
Fisher	211 212 213 247	Montgomery Ward	208 214 216 219 231 249	Scott	204 205 233 243		
Funai	231	Multi Tech	239	Sears	206 209 211 212 215		

Programming Codes

Find the codes you need to program your remote. On this page: Cable, Satellite, Video Disc Players, CD Players and Tape Decks

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	358 382
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	Mitsubishi	423 424	RCA	437	Yamaha	448
Crown	410	NAD	425 426 447	Sanyo	438 439	Zenith	460 461 498 501 502
Denon	411	Nakamichi	427 428	Scott	440		
Fisher	412 438	NEC	429	Sharp	441 442		
Goldstar	460	Onkyo	430	Sony	443 444 445		
Harman/Kardon	413	Panasonic	431 432	Soundesign	461 498 501 502		
JVC	415	Philips	421 433 434	Sylvania	433		
Kenwood	412 416 417 441	Pioneer	431 435	Teac	446		
Magnavox	421 422 433 434	Quasar	432	Technics	432 459		
		Radio Shack	431 436 439 440 441	Toshiba	447		

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 the button functions on 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 TV/Disc
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
SURF	Surf On/Off	VCR AM/PM	Cable FC/Fav Ch	AUX Audio
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	TV PIP	VCR+	Day Up	AUX Repeat-Side
B	TV PIP Swap	VCR Channel Map	Day Down	AUX Repeat-A-B
C	TV PIP Freeze	VCR Search	Cable Pg Up	AUX Repeat-Chap
CC	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 Cabinets

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.

Troubleshooting

Some quick and easy tips to fixing problems yourself.

SYMPTOMS	SOLUTIONS
Snowy picture and lousy sound.	<ul style="list-style-type: none"> • Check your antenna connection or location.
Multiple images or 'ghost shadows.'	<ul style="list-style-type: none"> • Check your antenna direction and/or location. • Make sure the wire from your antenna to your Entertainment Machine is properly connected.
Interference: Sharp lines across the screen and lousy sound.	<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"> • If possible increase the distance between your Entertainment Machine and the offending appliance. Or shut one of them off.
Normal picture but no sound.	<ul style="list-style-type: none"> • Check volume control. • Make sure the TV is not Muted. • Try another channel. The problem may be the broadcast, not your Entertainment Machine. • Are the Audio A/V cables properly installed? • Are the wires for external speakers (if you have external speakers) properly installed?
No picture and lousy sound.	<ul style="list-style-type: none"> • Are you in TV or Cable tuning mode (See Auto Program on page 11), and should be in the other? • Make sure output channels on all A/V equipment are on the same channel (3 or 4). • Check that all connections are tight.
No picture and no sound — The thing is just DEAD!	<ul style="list-style-type: none"> • Is the AC power plugged in? • Check that your AC power outlet works. (Test it by plugging in something else or try another plug.) • Make sure your brightness and audio controls are set properly. • Try another channel. The problem may be with the broadcast, not your Entertainment Machine.
No color, but the sound is O.K.	<ul style="list-style-type: none"> • Check the color control in the Video menu. • Try another channel. The problem may be with the broadcast.
Picture has a big black box on it, but the sound is O.K.	<ul style="list-style-type: none"> • The CC (closed caption) option may be in Text mode. Select OFF in the Captions/Text menu. See page 16.
Picture has two horizontal black bars, one on top and one on bottom.	<ul style="list-style-type: none"> • 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.
Remote control doesn't work.	<ul style="list-style-type: none"> • Make sure the batteries are fresh and installed properly. • Check to see that the MBR (Multi Brand Remote available on some models) is in the right mode for your equipment.
Menu options won't change.	<ul style="list-style-type: none"> • Try unplugging the TV, waiting about five minutes, and then plugging it back in and trying again.



If all else fails, call 1 (847) 391-8752, extension 5, between 8:30 a.m. and 4:30 p.m. Central Standard Time.

Glossary

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

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. 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.
A/V CABLES	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.
A/V DEVICE	Any device that produces video or sound (VCR, cable box, or television).
ADD	This function lets you add new channels to list that you'll scroll through when using your remote.
AMPLIFIER	An external machine that amplifies sound from a television, CD player, VCR, or other A/V device.
ANTENNA	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.
AUTO PROGRAM	Auto Program enables your Entertainment Machine to automatically find all the channels available in your area.
BLOCK	Restrict or censor a channel for a set length of time.
DELETE	This function lets you remove channels that you don't watch from the list you'll scroll through using your remote.
INPUT	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.

JACK	A connection on the back of a TV, VCR, or any other A/V device.
MONO SOUND	Mono (monaural) sound is one channel of sound. On more than one speaker, all the speakers play the same audio.
OUTPUT	Refers to the jack that sends a signal out of a VCR, or other A/V device.
SECOND AUDIO PROGRAMMING/SAP	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.
SIGNAL	Picture and sound traveling through cable, or on the air, to your television screen.
STEREO SOUND	Stereo (stereophonic) sound refers to audio that's divided into right and left sides.
TUNER	Device that picks up the signal and turns them into picture and sound.

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Find what you
want quickly.

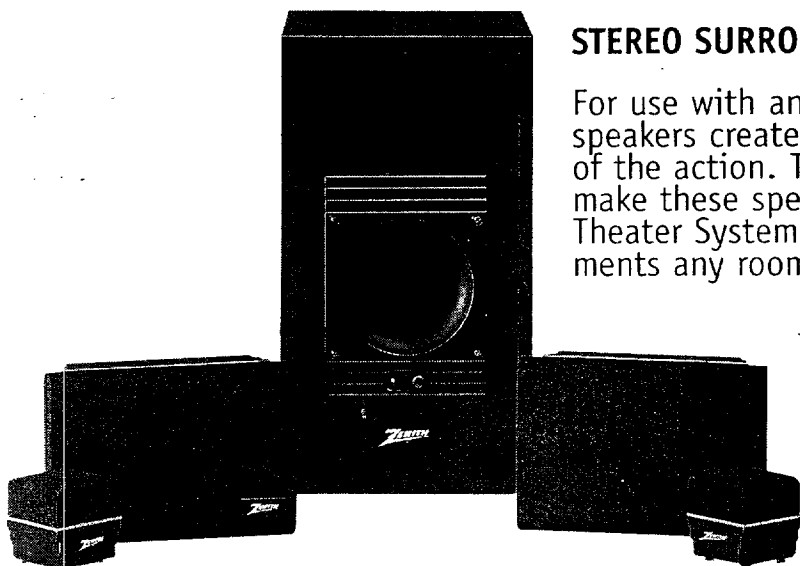
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Recommended Audio/Video Accessories

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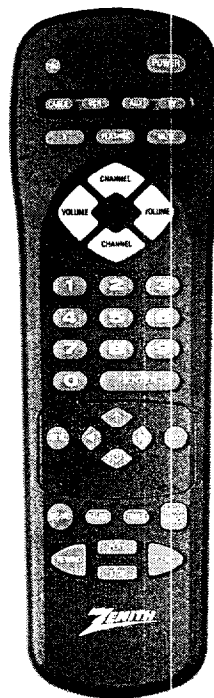
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Your Zenith Limited Warranty

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.

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Will accept UPS Shipments

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(630) 705-2830

201 James Record Rd.
Building 4
Huntsville, AL 35824
(205) 461-8583

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
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.

