

A WUT

OWNER'S MANUAL





Return your Warranty Registration Card today to ensure you receive all the benefits you re entitled to.

Once your MAGNAVOX purchase is registered, you're eligible to receive all the privileges of owning a MAGNAVOX product. So complete and return the Warranty Registration Card enclosed with your purchase at once. And take advantage of these important benefits.

Warranty Verification

Registering your product within 10 days confirms your right to maximum protection under the terms and conditions of your MAGNAVOX warranty.

Owner Confirmation

Your completed Warranty Registration Card serves as verification of ownership in the event of product theft or loss.

HURRY

Registration

Needed

Within 10

Days

Model Registration

Returning your Warranty Registration Card right away guarantees you'll receive all the information and special offers which you qualify for as the owner of your model.

MAGNAVOX Smart.Very smart.

Congratulations on your purchase -and welcome to the "family!"

Dear MAGNAVOX product owner:

Thank you for your confidence in MAGNAVOX. You've selected one of the best-built, best-backed products available today. And we'll do everything in our power to keep you happy with your purchase for many years to come.

As a member of the MAGNAVOX "family," you're entitled to protection by one of the most comprehensive warranties and outstanding service networks in the industry.

What's more, your purchase guarantees you'll receive all the information and special offers which you qualify for, plus easy access to accessories from our convenient home shopping network.

And most important of all, you can count on our uncompromising commitment to your total satisfaction.

All of this is our way of saying welcome-and thanks for investing in a MAGNAVOX product.

Sincerely,

Robert Minkhorst President and Chief Executive Officer

P.S. Remember, to get the most from your MAGNAVOX product, you must return your Warranty Registration Card within 10 days. So please mail it to us right now!

KNOW THESE SAFETY SYMBOLS. CAUTION A RESK OF ELECTRIC SHOCK А CRUIDON: 10-REDUCE THE RISK OF EDECTRIC-SHOCK, DO NOT REMOVE COVER FOR BACKLING UNERBERNICEARLE PARTS INDE, REFER SERVICING TO GUALIFIED SERVICE PERSONNE A.This "bolt of lightning" indicates

uninsulated material within your unit may cause an electrical shock. For the safety of everyone in your household, please do not remove product covering.

- A The "exclamation point" calls attention to features for which you should read the enclosed literature closely to prevent operating and maintenance problems.
- WARNING: TO PREVENT FIRE OR SHOCK HAZAREI, DO NOT EXPOSE THIS EQUIPMENT TO RAIN OR MOISTURE

CAUTION: To prevent electric shock, match. wide black of plug to wide slot, and 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:

For Customer Use: Enter below the Serial No. which is incated on the rear of the cabinet. Retain this information for biture reference. ModelNo 012: Z. 2 2 2 2 4

AC266(

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The Model and Serial Numbers are found on the back of this TV set. Please record these numbers and purchase date in the space below. Refer to them whenever you ask your dealer about this TV set.

Model No.

Serial No. ____

Purchase Date

Please attach your sales receipt to this book and keep it for future reference.

WARNING: TO PREVENT FIRE OR SHOCK HAZARD DO NOT EXPOSE THIS UNIT TO RAIN OR EXCESSIVE MOISTURE.

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FEATURES

First Time Set Up which automatically sets the TV for local channels and antenna mode. It even helps you make the necessary connections for the Picture-In-Picture (PIP) feature (see page 8.)

Infrared Remote Control which operates your TV set and a variety of wireless remote control VCRs and Cable TV Converters.

Standard TV broadcast (VHF/UHF) or Cable TV (CATV) channel capability.

Closed Captioning which allows the viewer to read TV program dialogue or voice conversations as on-screen text.

Automatic Programming of channels for quick and easy selection of favorite stations available in your area.

Picture-In-Picture (PIP) which can show a TV program and the direct video output from an accessory (VCR, etc.) onto the TV screen at the same time.

Parental Control for "Censoring" or blanking out channels and Audio/Video Input jack connections to prevent children from watching undesirable programming.

Stereo-Ready TV with built-in audio amplifier and twin speaker system. Receives TV programs in both broadcast stereo sound or (SAP) bilingual broadcast.

On-Screen Features which display helpful information for setting of TV controls (such as color adjustment, timer settings and channel programming).

Audio/Video jacks for direct connections with VCRs (and other accessories) for quality TV picture and sound playback.

Surround Sound external audio speaker connections.

Sleep-Timer which automatically turns the TV OFF at preset time intervals.

- - - - -

As you unpack your TV please note that the following items have been included with your set:

- Owner's Manual
- Warranty Registration Card
- Safety Tip Information Brochure
- Factory Service Address Directory
- Remote Control Transmitter
- Batteries for Remote Control Use
- Accessory Products Information Brochure
- Audio/Video Cables for Direct Input and Output Connections.

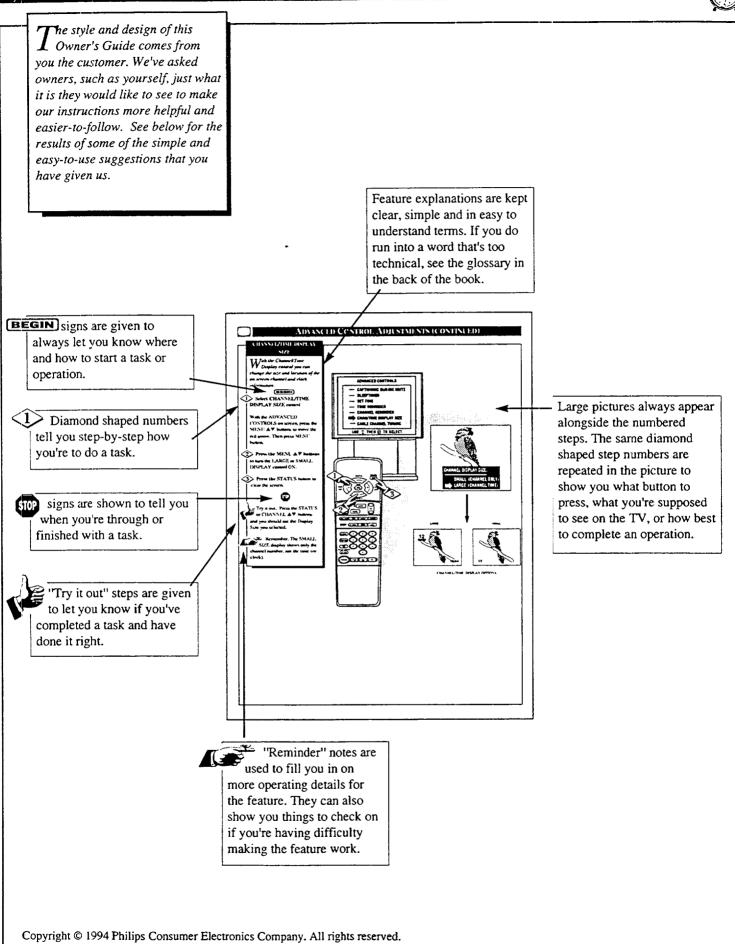
Please take a few minutes to complete your registration card. The serial number for the TV is on the back of the set.

Please keep your packing material for any future use.

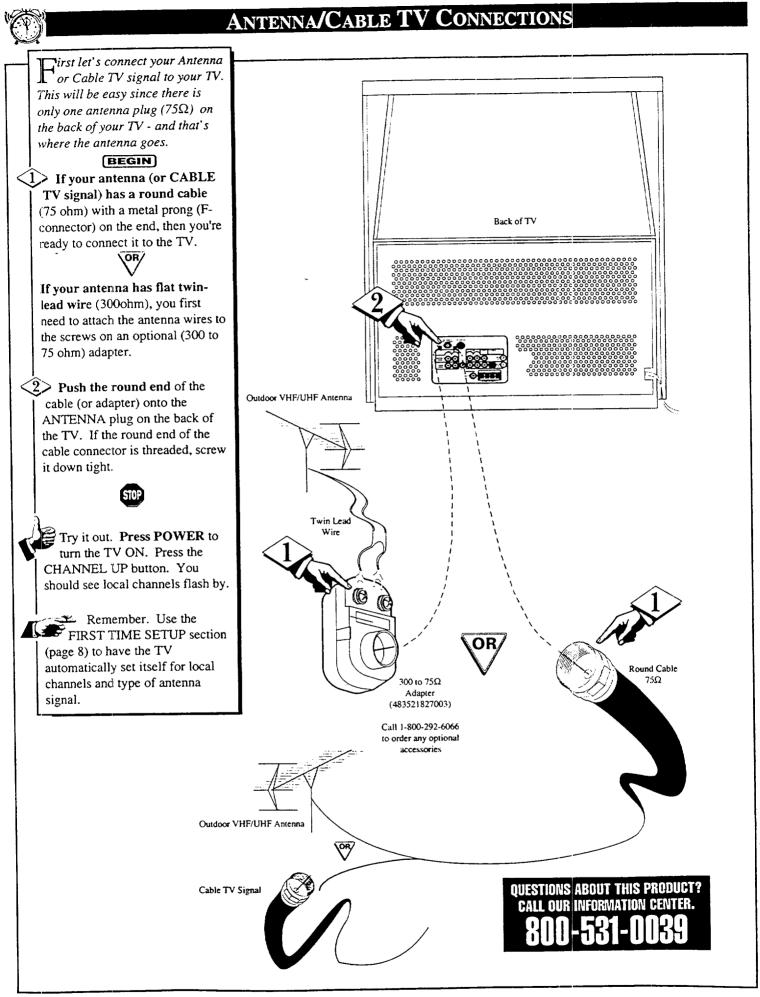
To ensure that picture screen performance is of the highest quality, please avoid rubbing any object or material on the screen that could scratch or damage its surface.

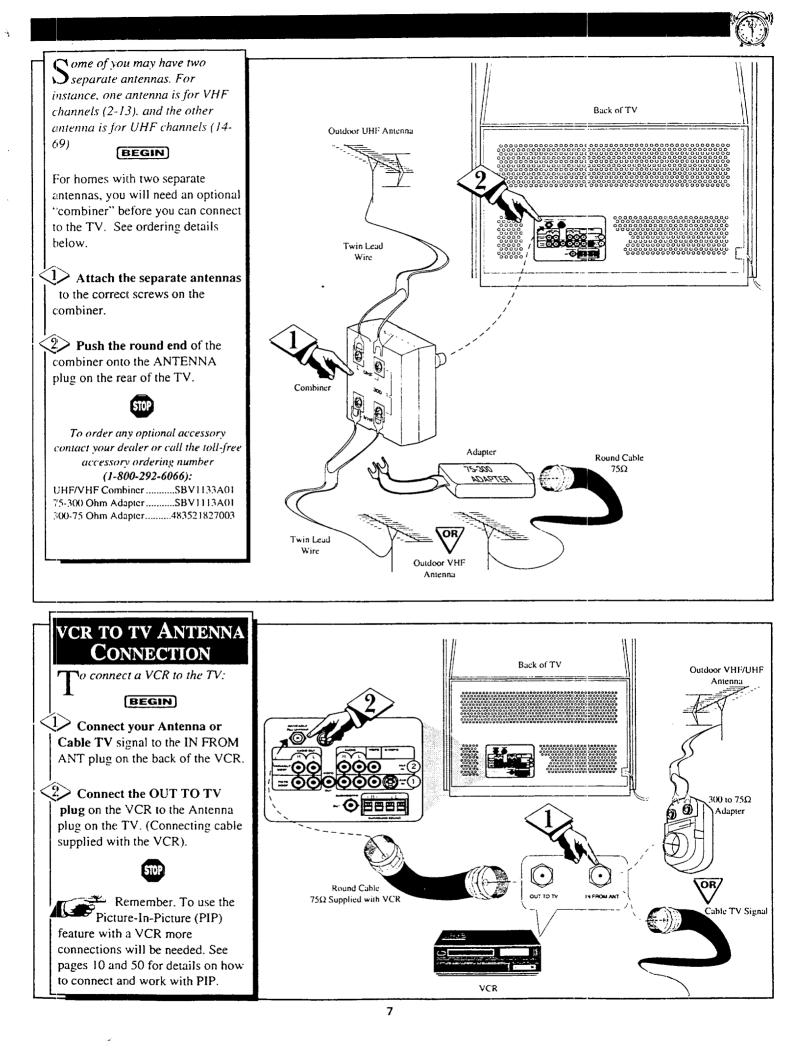
Refer to the back of this manual for instructions on the cleaning and care of the TV.

How to Follow your Easy-to-Use Owner's Guide



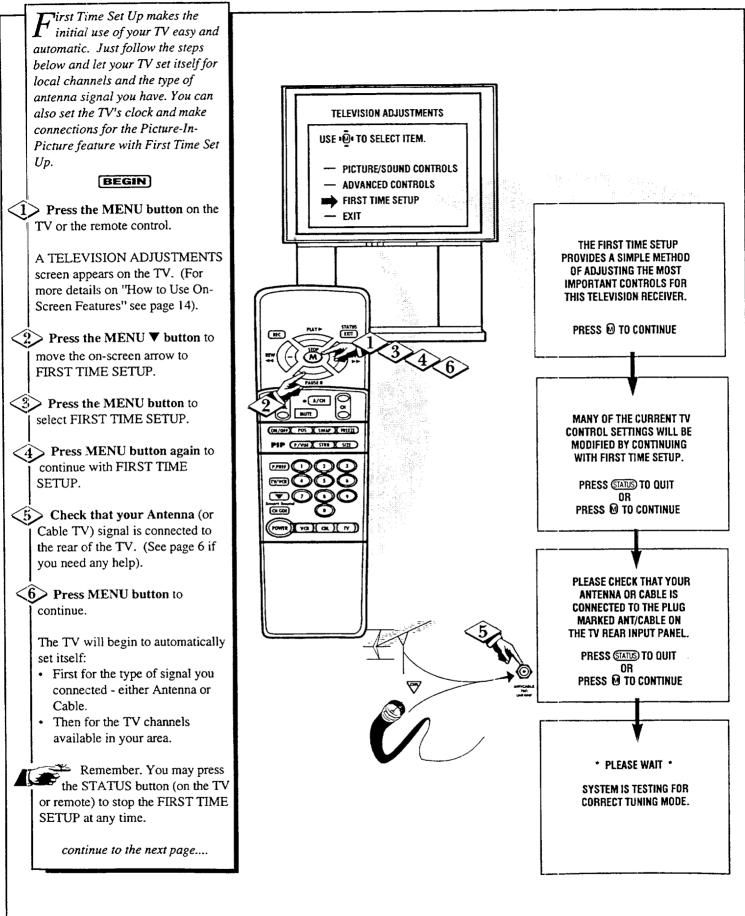
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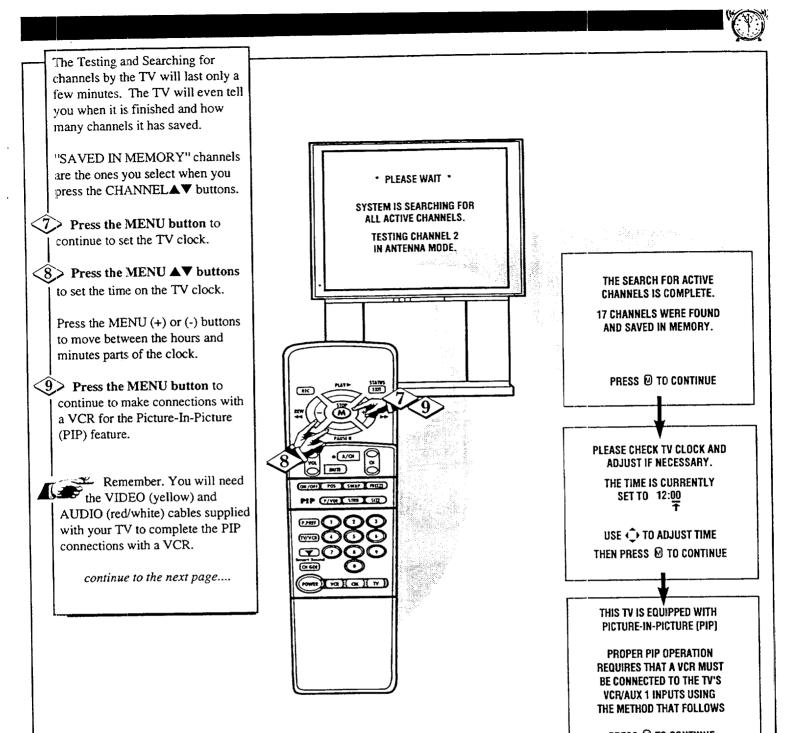






FIRST TIME SET UP

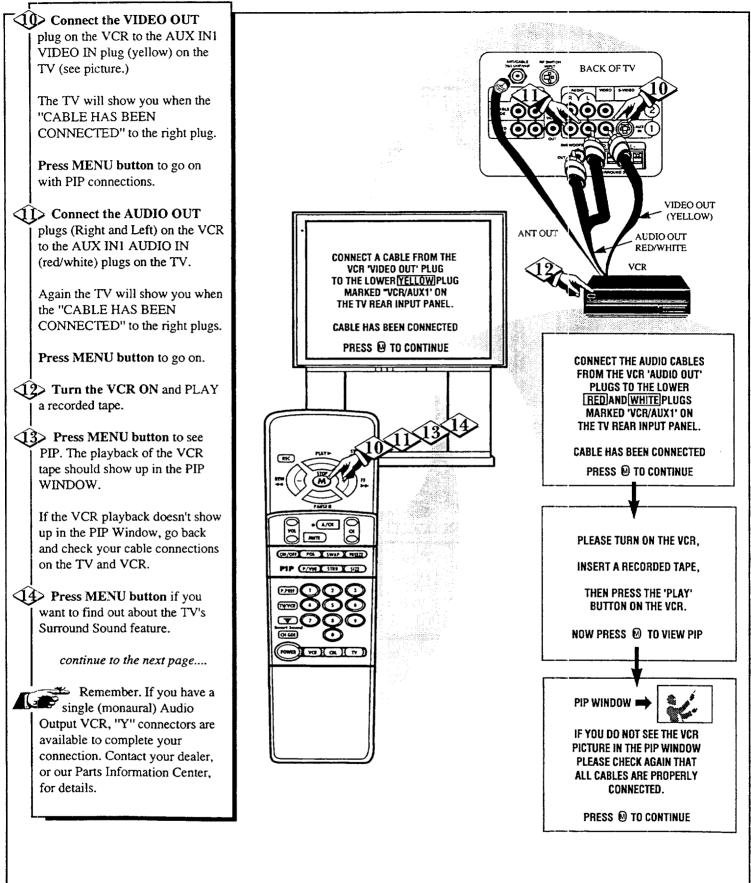


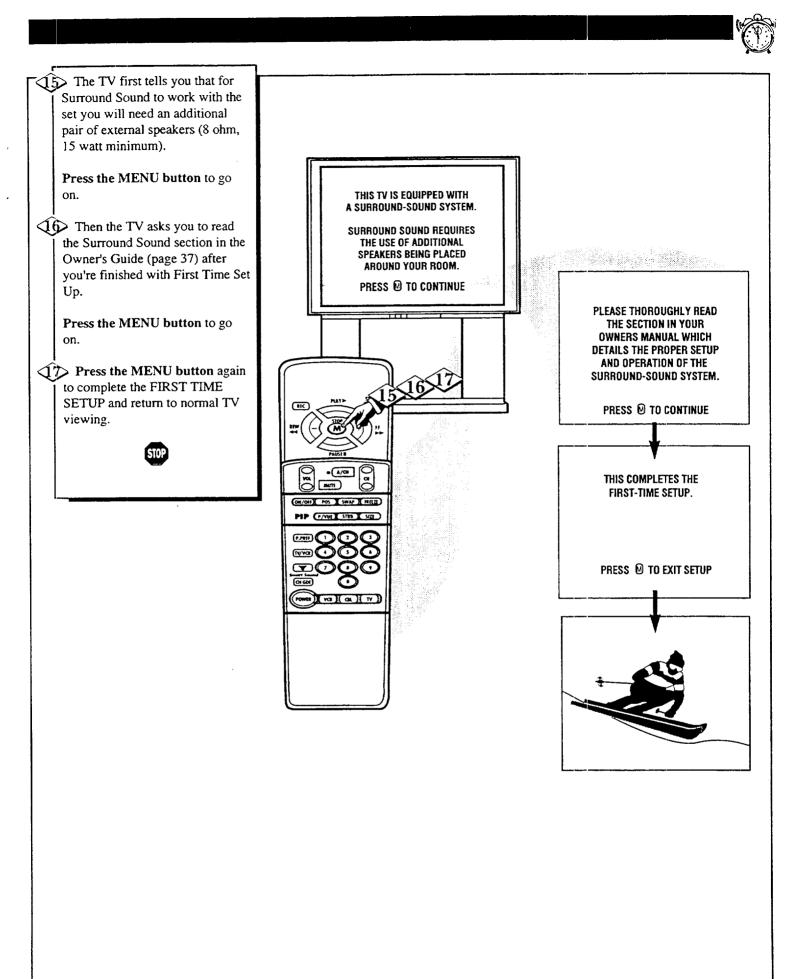


PRESS 🛛 TO CONTINUE



FIRST TIME SET UP (CONTINUED)





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BASIC TV OPERATION



> Press the POWER button to turn the TV ON. (Note: you can press any button on the front of the TV to turn the TV ON).

The tuned channel number will appear briefly when the TV is first turned ON. You can also press the STATUS button to see what channel the TV is ON.

Press the VOLUME UP (▲) or DOWN (▼) button to adjust the sound level.

3 Press the CHANNEL UP (▲) or DOWN (▼) button to select TV channels.

See FIRST TIME SETUP (page 8) on how the TV can set itself to select your local channels.

Press the TV "System" button on the remote to be sure the remote sends its commands to the TV.

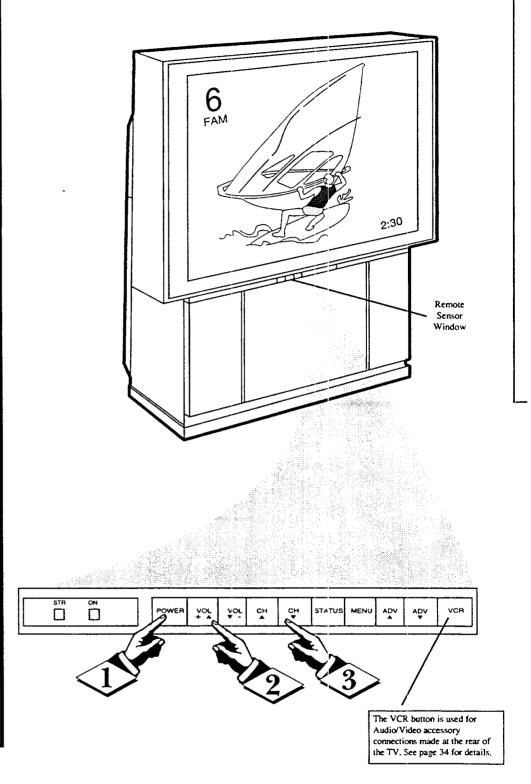
Point the remote control at the remote sensor window on the TV when operating the TV with the remote.

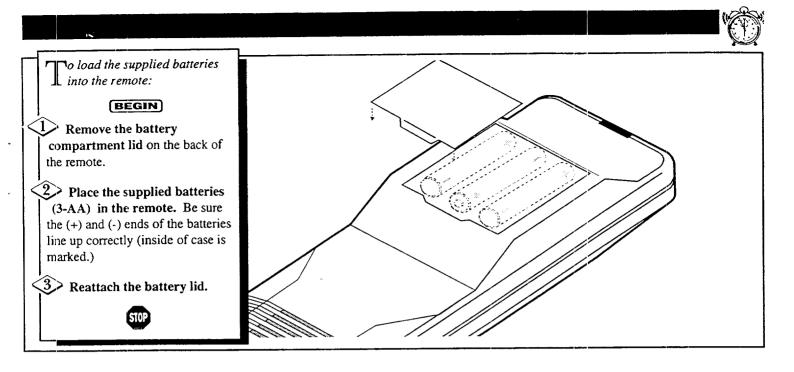
Always press two number buttons on the remote when selecting channels. For example: press "0" then "6" for channel "6".

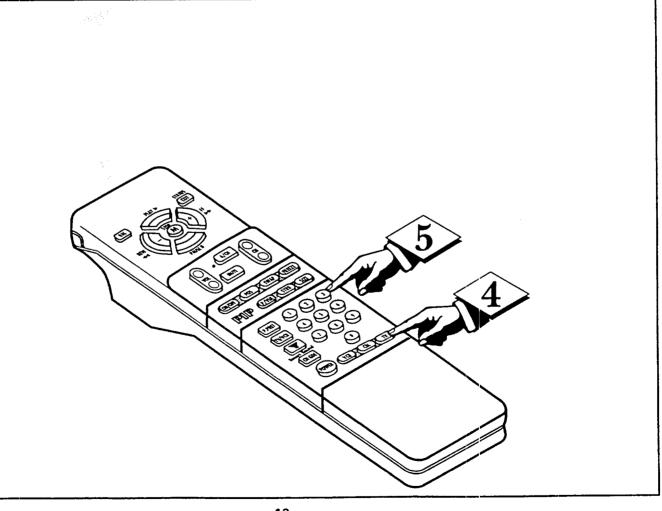


Remember. Certain channel numbers have been added to the TV's memory at the factory. FIRST TIME SET UP (page 8) will automatically set the TV for your local channels and the type of antenna signal you have.

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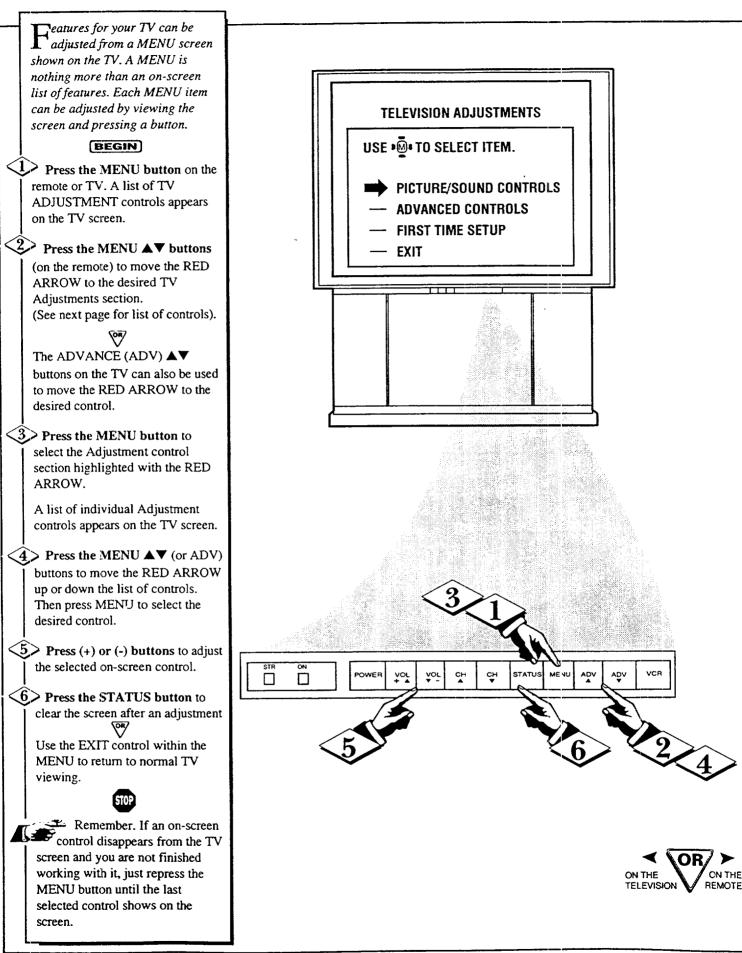


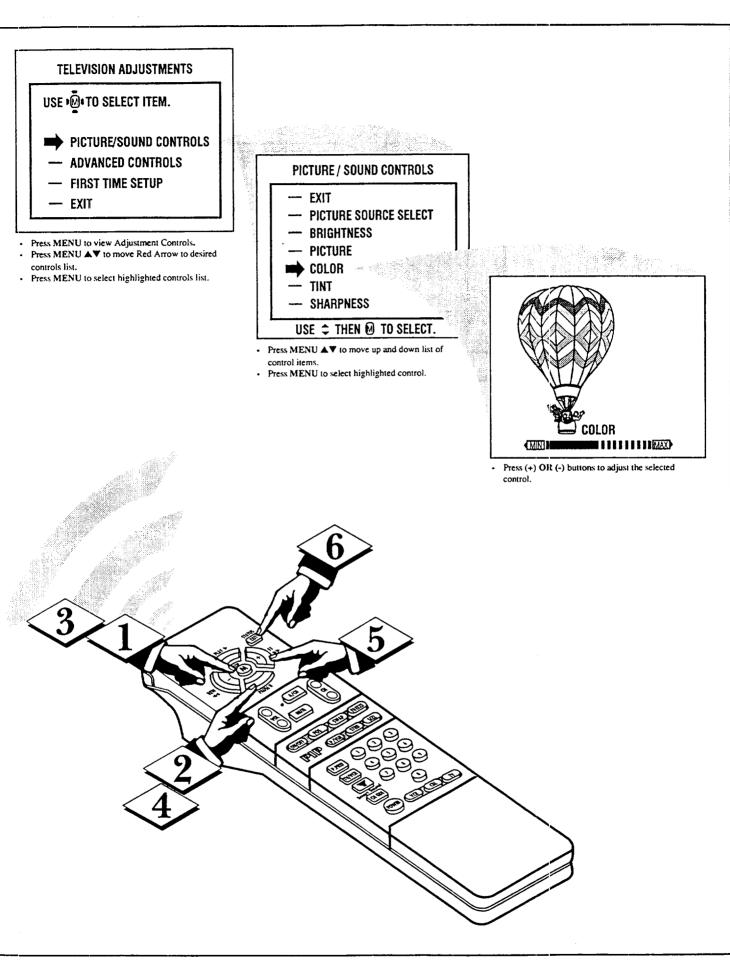




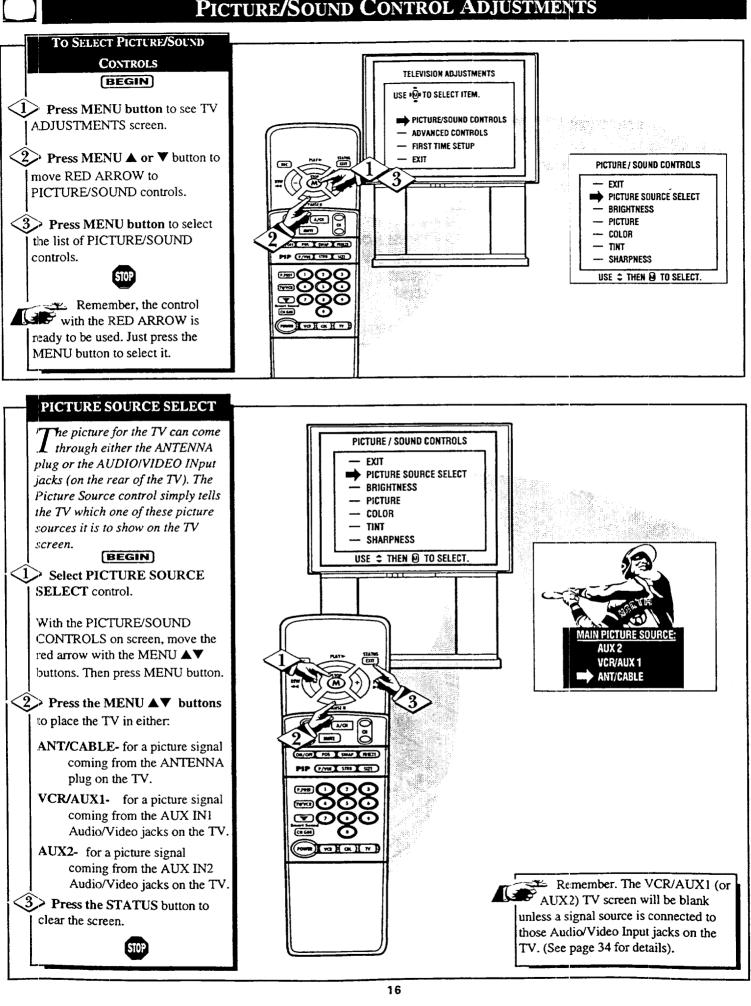
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How to Use On-Screen Features





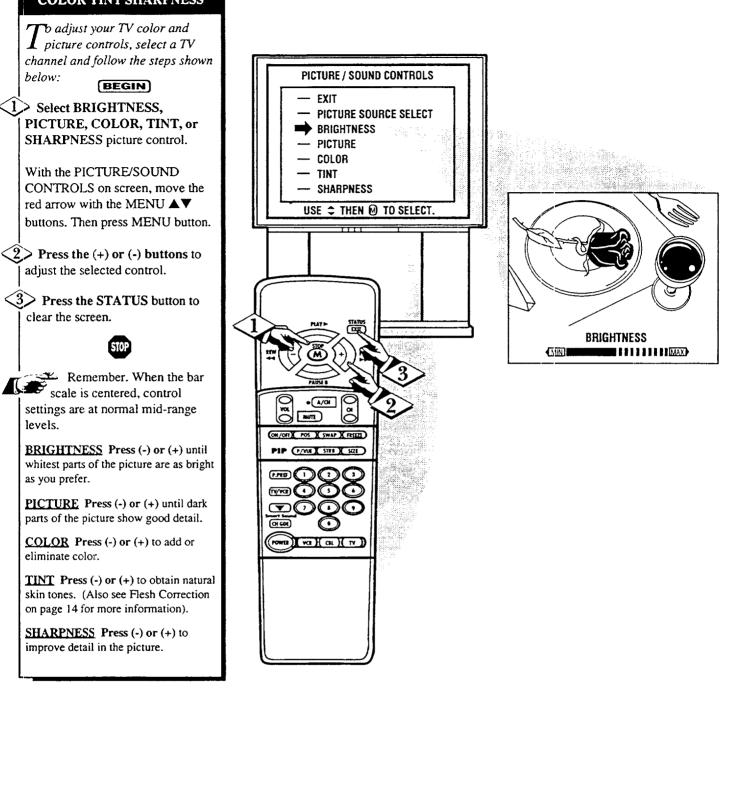
PICTURE/SOUND CONTROL ADJUSTMENTS



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BRIGHTNESS PICTURE COLOR TINT SHARPNESS

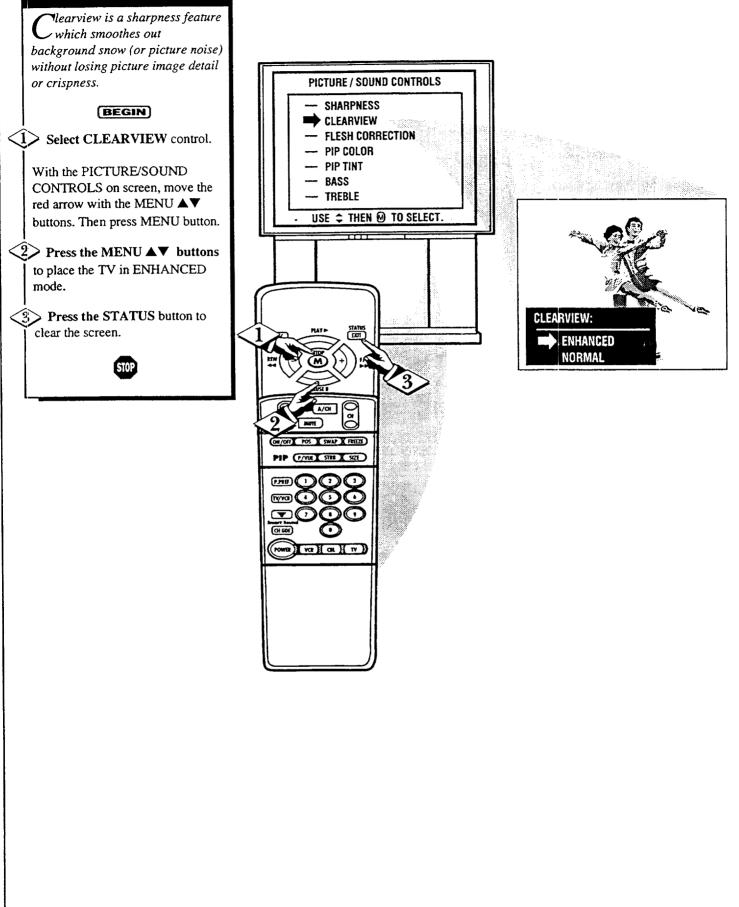
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PICTURE/SOUND CONTROL ADJUSTMENTS (CONTINUED)

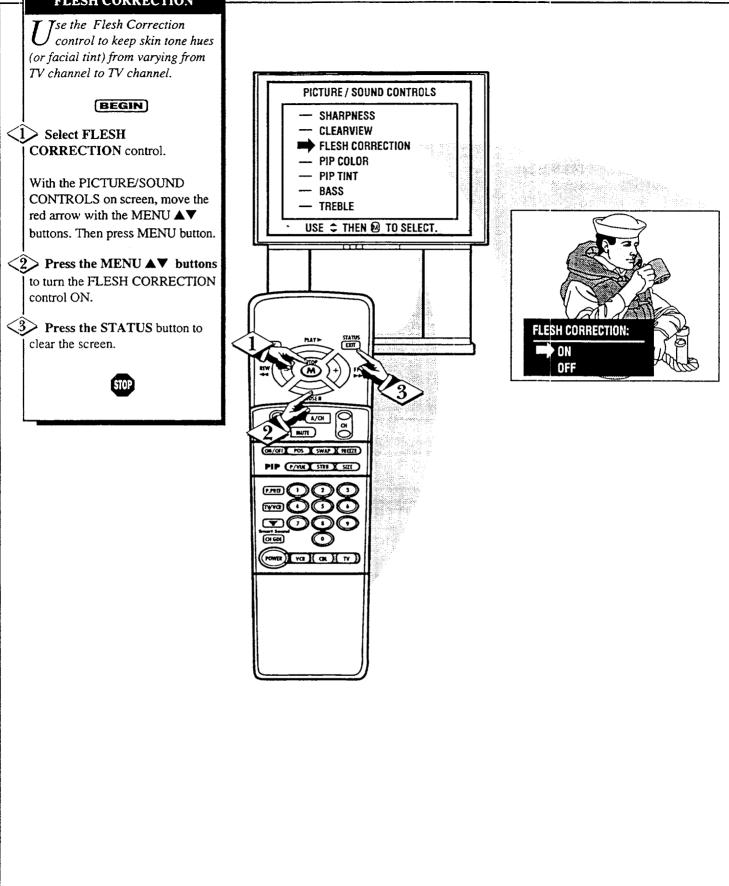
CLEARVIEW

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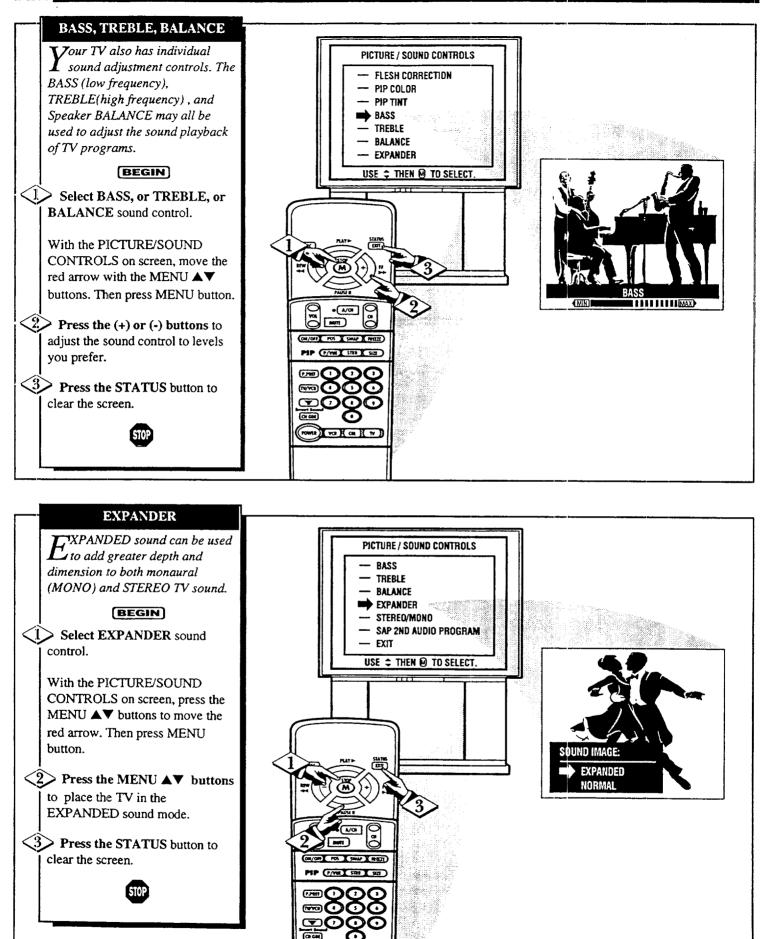


FLESH CORRECTION

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PICTURE/SOUND CONTROL ADJUSTMENTS (CONTINUED)



- 1

STEREO/MONO

Your TV is able to receive broadcast stereo TV programs. The TV is equipped with an amplifier and twin speaker system through which the stereo sound can be heard. A RED stereo light (on the front of the TV) will come on when a

the TV) will come on when a stereo broadcast is received.

BEGIN

Select STEREO sound control.

With the PICTURE/SOUND CONTROLS on screen, press the MENU ▲▼ buttons to move the red arrow. Then press MENU button.

Press the MENU ▲▼ buttons
 to place the TV in the STEREO
 sound mode.

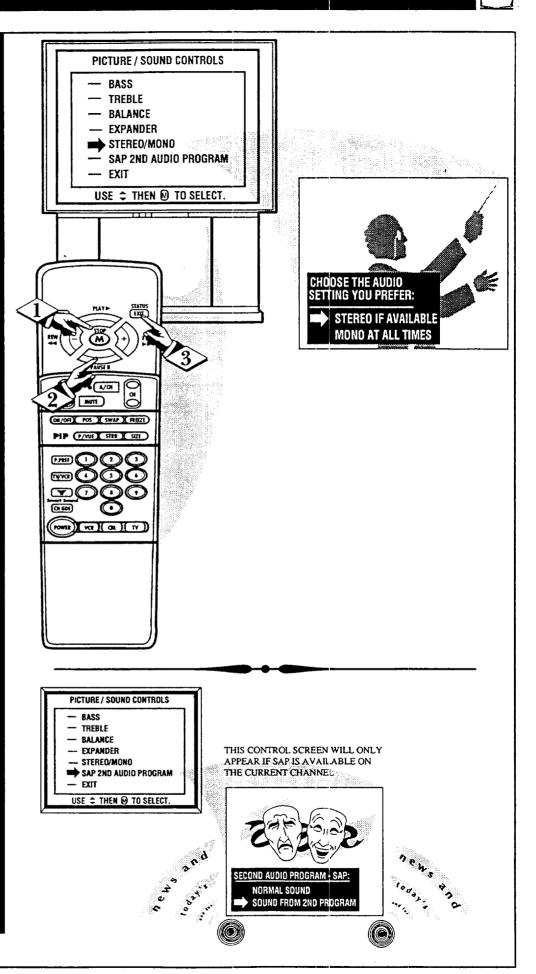
Press the STATUS button to clear the screen.

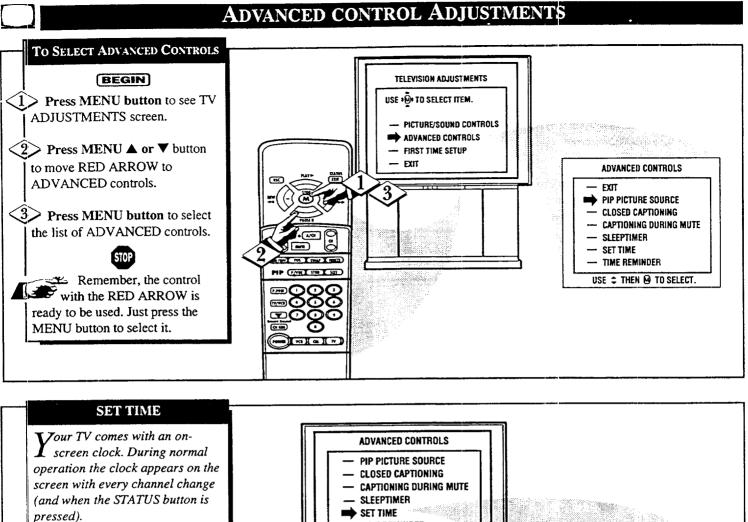
Remember. If a stereo signal is not available and the TV is placed in the STEREO mode, sound coming from the TV will remain monaural (mono).

SECOND (2ND) AUDIO

PROGRAM (SAP) is part of the stereo broadcast system. Sent as a third audio channel SAP can be heard apart from the current TV program sound. TV stations are free to use SAP for any number of purposes, but many experts believe it will be used for foreign language translations of TV shows (or for weather and news bulletins.)

Remember. If a SAP signal is not present with a selected program, the SAP option can not be selected. "SAP NOT AVAILABLE" will appear on the TV screen.





BEGIN)

Select SET TIME control.

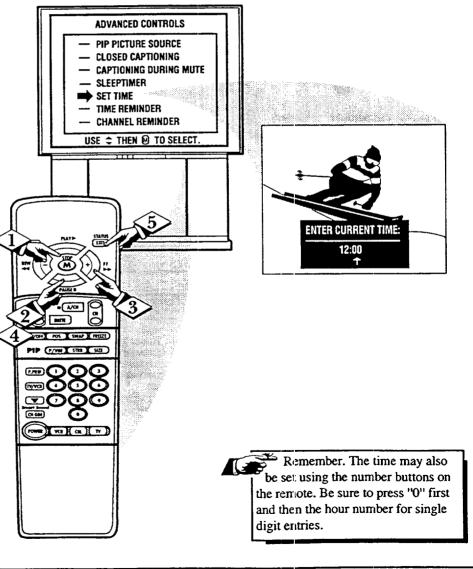
With the ADVANCED CONTROLS on screen, press the MENU ▲▼ buttons to move the red arrow. Then press MENU button.

Press the MENU ▲▼ buttons to set the minutes portion of the clock.

Press the M (+) or (-) buttons to move the selection arrow to the hours portion of the clock.

Press the M ▲▼ buttons to set
 I the hours portion of the clock.

SPress the STATUS button to set the clock in operation and clear the screen.



CLOSED CAPTIONING

Closed Captioning (CC) allows you to read the voice content of television programs on the TV screen. Designed to help the hearing impaired this feature uses on-screen "text boxes" to show dialogue and conversations while the TV program is in progress.

BEGIN

Select CLOSED | CAPTIONING control.

> With the ADVANCED CONTROLS on screen, press the MENU ▲♥ buttons to move the red arrow. Then press MENU button.

2 Press the MENU ▲▼ buttons to select the desired Closed Caption mode - For Example: STANDARD.

STANDARD (CC1):

dialogue (and descriptions) for the action on the captioned TV program shows on-screen. (See important note on this page.)

SECOND LANGUAGE (CC2): foreign language translation of dialogue (and descriptions) for the action on the captioned TV program shows on-screen.

FULL SCREEN TEXT 1 or 2: often used for channel guide, schedules, or bulletin board information for CC programs.

After making your Caption mode selection, press the STATUS button to clear the TV screen. The selected Closed Caption mode will be active.

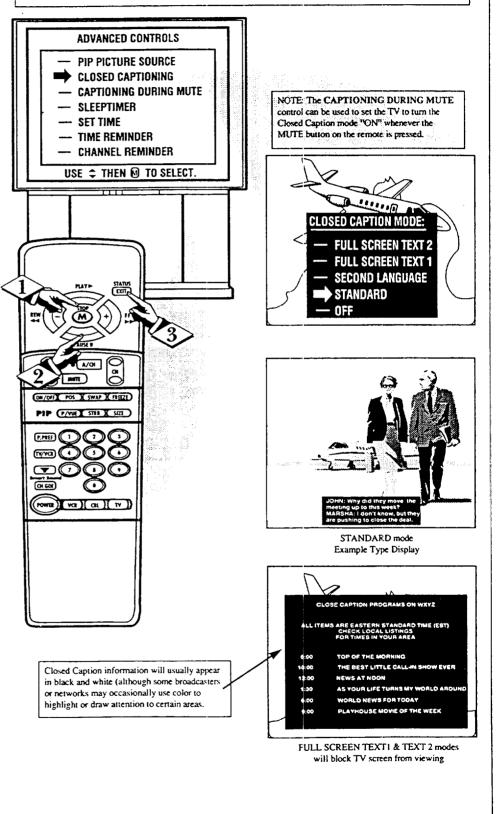
To cancel, set the Closed Captioned feature to OFF when finished viewing.



Remember. Broadcast stations will often use spelling abbreviations, symbols, dropouts and other grammatical shortcuts in order to keep pace with the onscreen action. These type factors vary upon the source of the captioned text material and do not indicate a need for service on the part of the TV.

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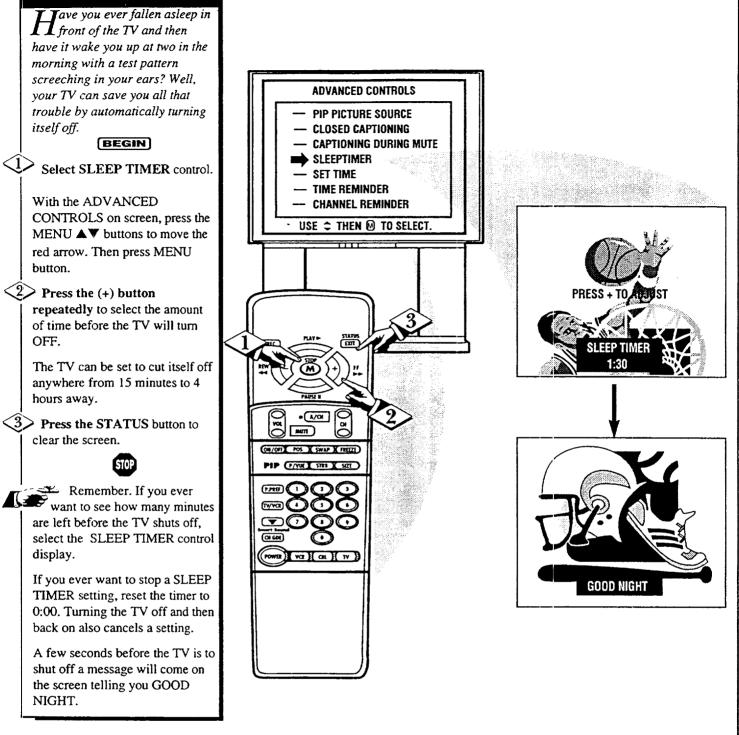
NOTE: Not all TV programs and product commercials are made for broadcast with Closed Caption (CC) information included. Neither are all Closed Caption modes (SECOND LANGUAGE, FULL SCREEN TEXT1, etc.) necessarily being used by a broadcast station during the transmission of a closed caption program. Refer to your area's TV program listings for the stations and times of Closed Caption shows.



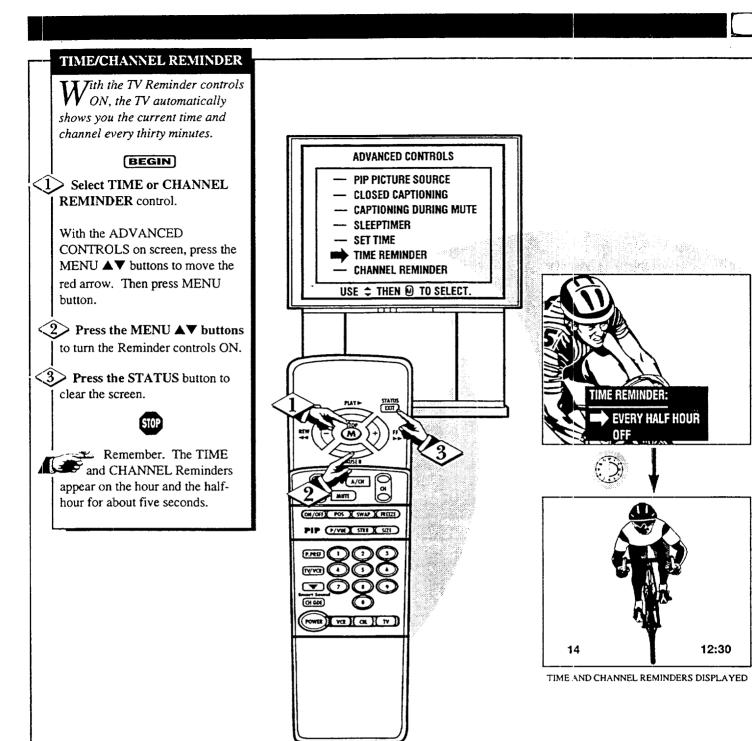
ADVANCED CONTROL ADJUSTMENTS (CONTINUED)

SLEEP TIMER

- 1



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ADVANCED CONTROL ADJUSTMENTS (CONTINUED)

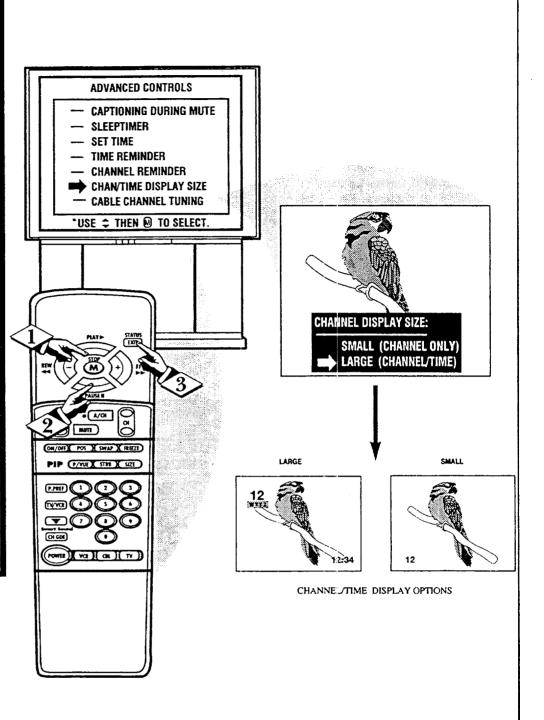
CHANNEL/TIME DISPLAY

SIZE

With the Channel/Time Display control you can change the size and location of the on screen channel and clock information. BEGIN <1>> Select CHANNEL/TIME **DISPLAY SIZE** control. With the ADVANCED CONTROLS on screen, press the MENU $\blacktriangle \nabla$ buttons to move the red arrow. Then press MENU button. $\langle 2 \rangle$ Press the MENU $\blacktriangle \forall$ buttons to turn the LARGE or SMALL DISPLAY control ON. Press the STATUS button to clear the screen. Try it out. Press the STATUS or CHANNEL ▲▼ buttons

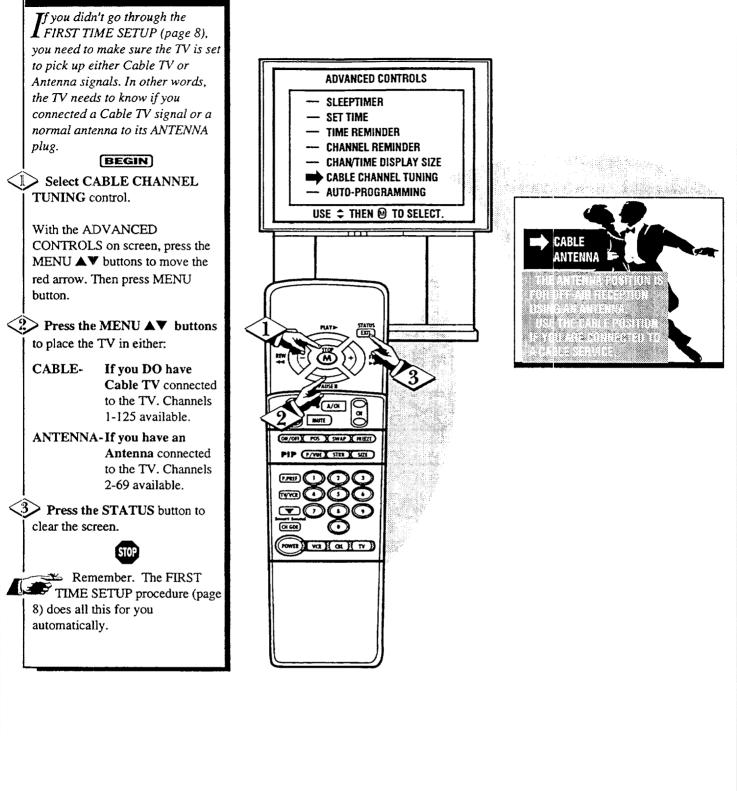
and you should see the Display Size you selected.

Remember. The SMALL SIZE display shows only the channel number, not the time (or clock).



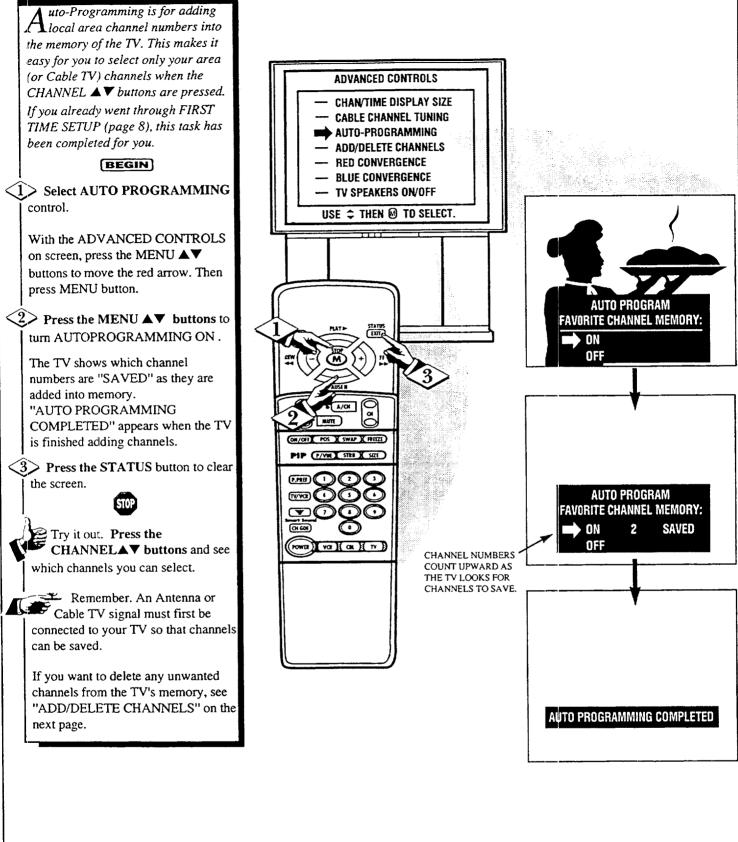
CABLE CHANNEL TUNING

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ADVANCED CONTROL ADJUSTMENTS (CONTINUED)

AUTO-PROGRAMMING



ADD/DELETE CHANNELS

A utoProgramming (see previous page) adds all the channels it can find (on your Antenna or Cable TV system) into the TV's memory. Add/Delete Channels makes it easy for you to add other channels, or drop unwanted channels, from the list of channels in the TV's memory.

BEGIN

Select ADD/DELETE | CHANNELS control.

With the ADVANCED CONTROLS on screen, press the MENU ▲▼ buttons to move the red arrow. Then press MENU button.

2 Press the CHANNEL **A**

buttons to select the channel you want to add or delete.

You can also use the Channel number buttons on the remote to select channels.

Press the (+) button to ADD the channel into the TV's memory. Press the (-) button to DELETE the channel from memory.

Repeat steps 2 and 3 for each channel you wish to add or delete.

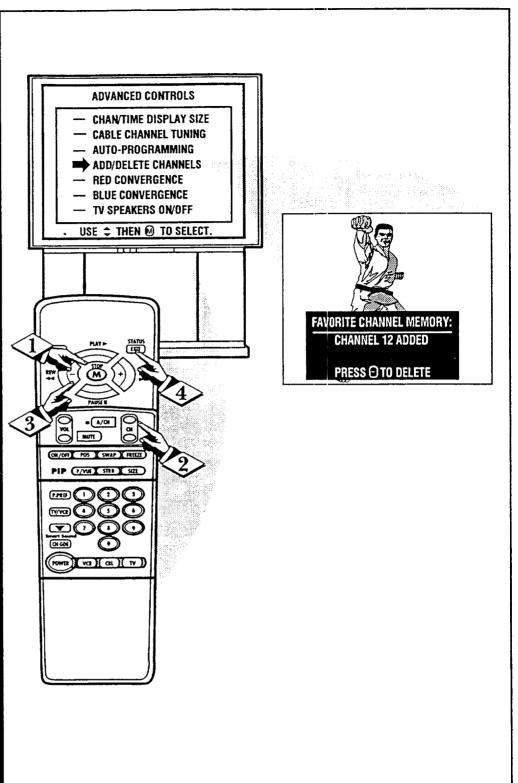
Press the STATUS button to clear the screen when through.



Remember. You can also add the VCR/AUX1 (or AUX2 mode) just like a channel. Then by pressing the CHANNEL ▲▼ buttons the VCR/AUX1 (or AUX2) mode can quickly be selected to use the Audio/Video Input jacks on the rear of the TV (see page 34).

> Note: The "VCR/AUX1 and AUX2 modes are located between the lowest and highest channel numbers within the Favorite Channel Memory control screen.

> > ÷



ADVANCED CONTROL ADJUSTMENTS (CONTINUED)

RED/BLUE CONVERGENCE

Convergence is the correct lining up of the red and blue light paths on the TV screen. NOTE: If no color fringing (see sidebar note) shows, then no Convergence adjustments are necessary for your TV.

BEGIN

Select RED or BLUE | CONVERGENCE control.

> With the ADVANCED CONTROLS on screen, press the MENU ▲▼ buttons to move the red arrow. Then press MENU button.

2 Press the MENU $\blacktriangle \forall$ and (+)

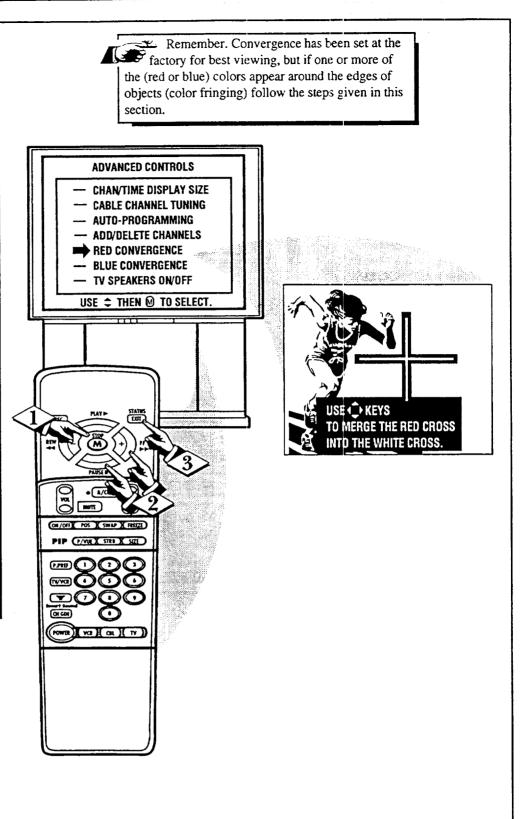
(-) buttons to move the red or blue cross directly over the white cross on the TV screen.

The red or blue cross is properly adjusted when it is completely merged with the white cross. (No color appears around the edge of the white cross).

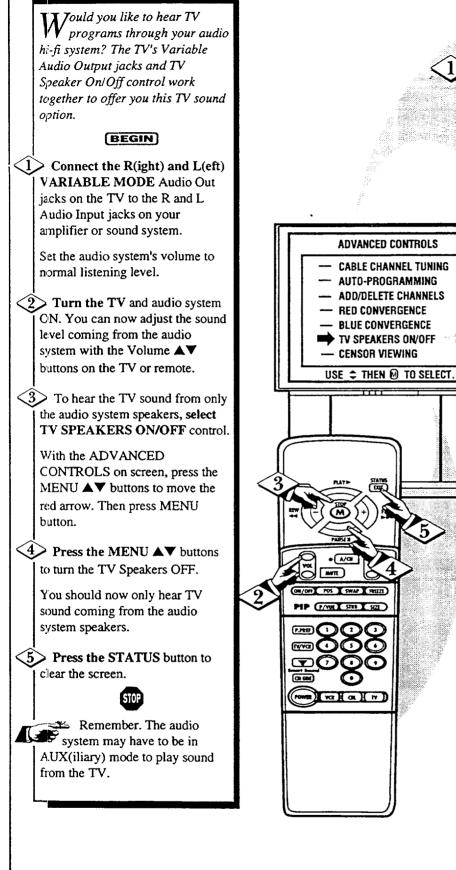
Press the STATUS button to clear the screen when convergence adjustments are complete.



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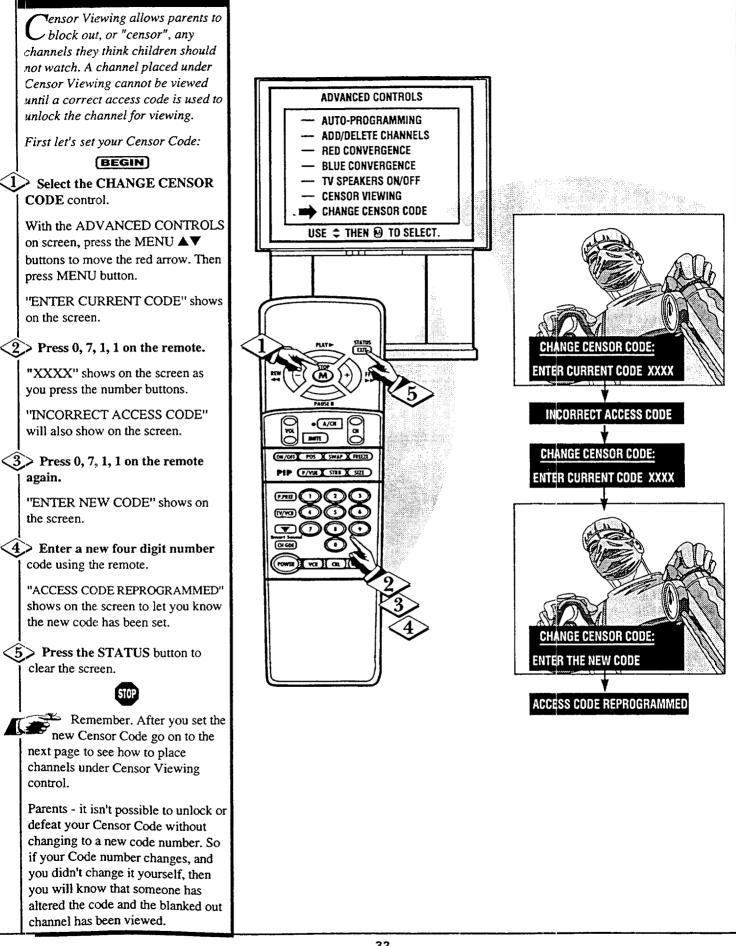
TV SPEAKERS ON/OFF



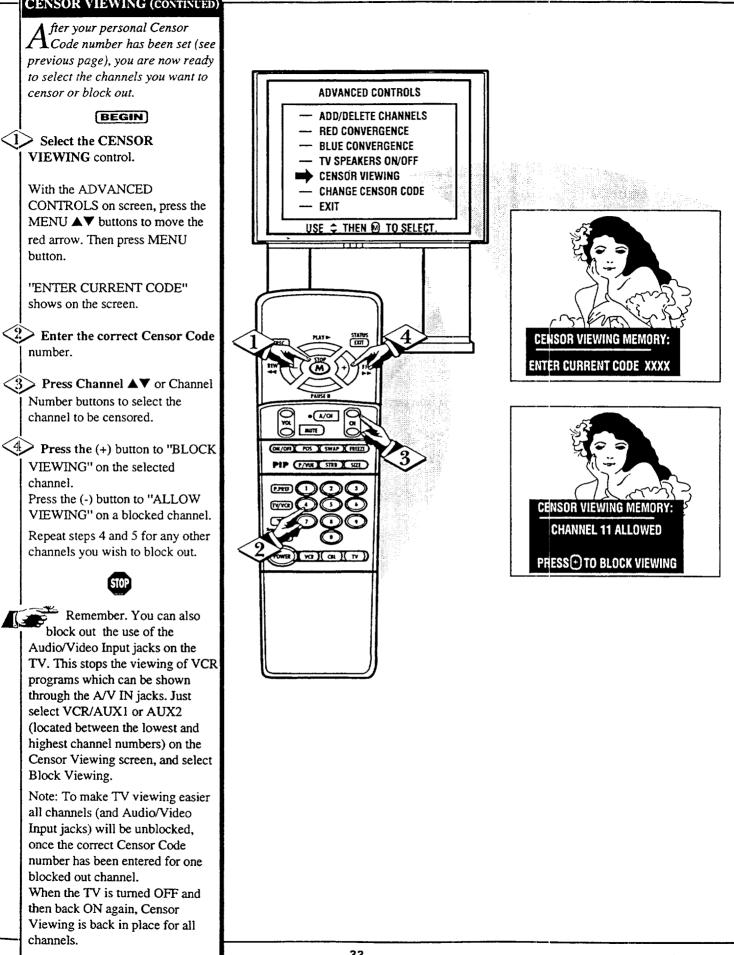
BACK OF TV ~ AUDIO IN RED/WHITE AUDIO SYSTEM INTERNAL TV SPEAKERS: ON **OFF**

ADVANCED CONTROL ADJUSTMENTS (CONTINUED)

CENSOR VIEWING



CENSOR VIEWING (CONTINUED)



ADVANCED CONTROL ADJUSTMENTS (CONTINUED)

VCR/AUX1 INPUTS

The TV's Audio/Video Input jacks are for direct picture and sound connections between the TV and a VCR (or Video Disc Player, etc.) that has Audio/Video Output jacks.

To view the playback of a VCR tape by using the Audio/Video Input jacks on the TV:

BEGIN

Connect the VIDEO OUT jack from the VCR to the VCR/AUX1 VIDEO IN jack on the TV.

2 Connect the AUDIO OUT jacks R(ight) and L(eft) from the VCR to the VCR/AUX1 AUDIO IN jacks on the TV.

Select the VCR/AUX1

PICTURE SOURCE control. on the TV. Try any of the three following ways:

An easy way to select VCR/AUX1 is to press the VCR button on the front of the TV.

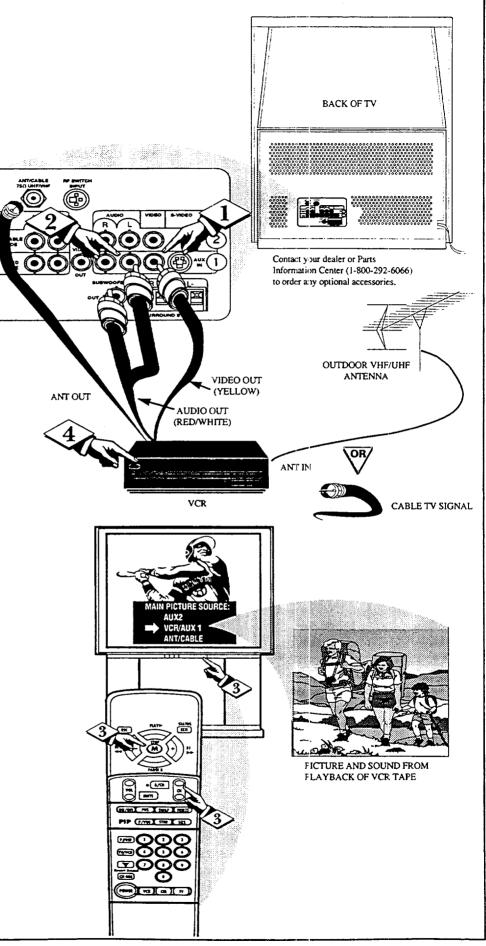
If you have added VCR/AUX1 to the TV's channel memory (see page 29), press the CHANNEL $\blacktriangle \forall$ buttons to select it.

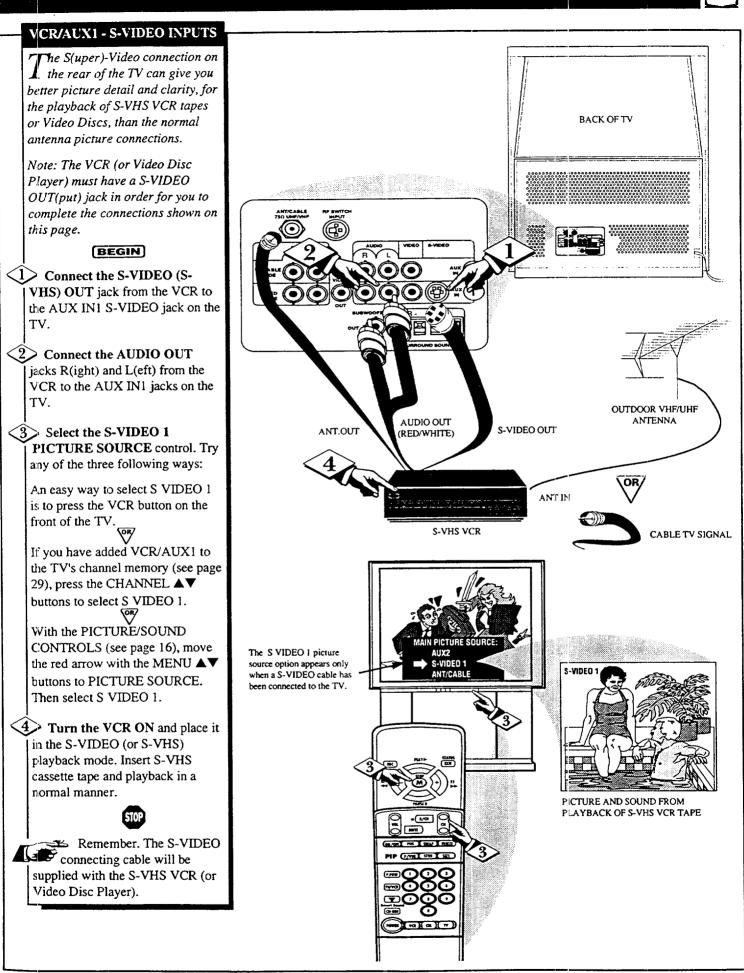
With the PICTURE/SOUND CONTROLS (see page 16), move the red arrow with the MENU **** buttons to PICTURE SOURCE. Then select VCR/AUX1.

Turn the VCR ON and press
 PLAY to view the tape on the TV.



Remember. Connections and use of the TV's AUX2 Audio/Video Input jacks are the same as for the AUX1 jacks (except "AUX2" is selected as the Picture Source - step 3). If you have a single (monaural) Audio Output VCR, "Y" connectors are available to complete your connection. Contact your dealer, or our Parts Information Center, for details.





ADVANCED CONTROLS ADJUSTMENTS (CONTINUED)

TV AUDIO/VIDEO OUTPUTS

The Audio/Video Output jacks on the TV can be used to record TV programs on VCRs which have Audio/Video Input jacks.

To record TV programs by using the Audio/Video jacks on the TV:

BEGIN

Connect the VIDEO OUT jack from the TV to the VIDEO IN jack on the VCR.

Connect the FIXED MODE AUDIO OUT jacks R(ight) and L(eft) from the TV to the AUDIO IN jacks on the VCR.

3 Select the PICTURE | SOURCE control. on the TV.

> With the PICTURE/SOUND CONTROLS on screen, move the red arrow with the MENU ▲▼ buttons to PICTURE SOURCE. Then select "ANT/CABLE".

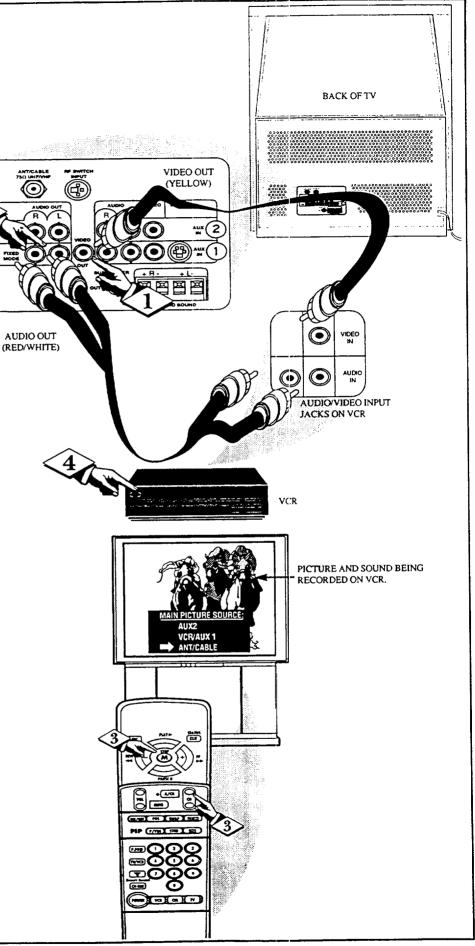
Select the channel on the TV that you want to record.

4 Turn the VCR ON. Put a cassette tape in the unit and place the VCR in the RECORD mode.



Remember. If the VCR has an INPUT SELECTOR switch, place it in the LINE or CAMERA position.

> Unattended Timer Recordings with a VCR are possible, but not recommended with this connection, since the TV must be left ON for the VCR to record.



SURROUND SOUND

By adding external speakers to the TV's sound system, you can create the feeling of reflected sound that surrounds you at a movie theater or concert hall.

BEGIN

Connect both external speakers to the speaker wire terminals on the TV.

Recommended speakers: 80hm, 15 watt minimum. Be sure the (+) and (-) speaker wires are connected to the correct R(ight) and L(eft) speaker terminals on the TV.

2 Place the speakers so the viewing area is between the TV and the rear surround speakers.

3 Turn TV ON and place the STEREO/MONO control to STEREO position.

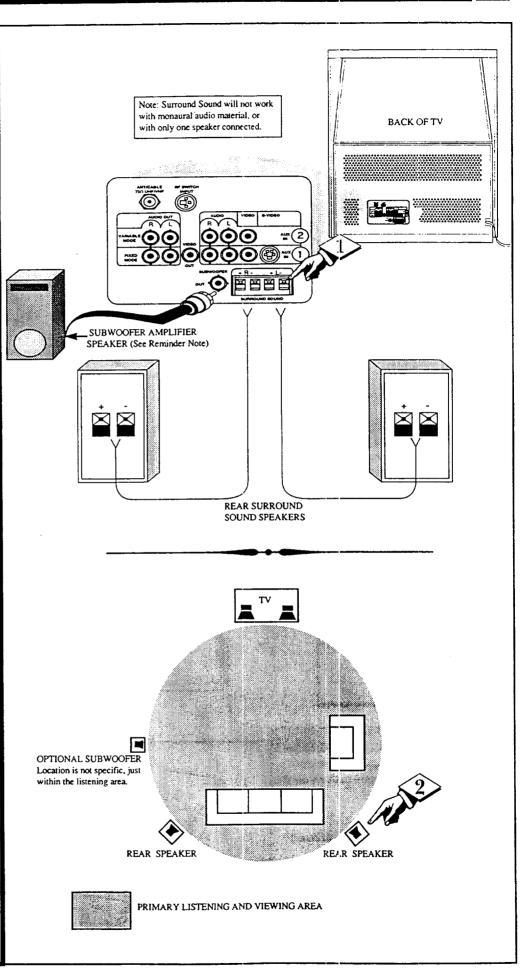
After setup whenever a stereo signal is received the audio will be heard in Surround Sound.

Note: The rear Surround Sound speakers will not be heard at the same volume level as the front TV speakers. It is intended for the rear speakers to give a background noise effect which requires a lower volume level than the TV's front speakers.



Remember. An optional SUBWOOFER "Amplifier -Speaker" can also be connected to the TV. The Subwoofer jack on the TV outputs a low level Bass signal. When this jack is connected to an Amplifier Subwoofer speaker it complements the sound coming from the rear Surround speakers. Contact your dealer for more information if you would be interested in adding such an accessory to your home audio system.

> For an added dimension of Surround Sound you may also want to place the TV in the EXPANDED mode (see page 20).





BASIC REMOTE CONTROL OPERATION

After installing the batteries into the remote, press the TV System button to send remote commands to the TV. Point the remote toward the front of the TV (remote sensor window) when pressing buttons.

VCR Buttons

For use of VCR buttons see the "Using the Remote With a VCR".

Menu (VA) Buttons

Press the M button to show on-screen feature controls. Press \blacktriangle or \checkmark buttons to move forward and backward through the list of on-screen controls.

(-) and (+) Buttons

Press to adjust the selected on-screen feature control.

Volume Button

Press to adjust the TV sound level.

Personal Preference Button

Press to return the TV to specific picture and sound settings you have placed in the TV's memory. Also can be used as an Enter button when sending channel commands to remote controlled cable converters or VCRs.

Smart Sound Button

Press to control TV sound levels. See "Smart Sound/Auto Volume" section for details.

Channel Guide Button

Press to show a list of labelled TV channels from which to select. See "CH GUIDE" section for details.

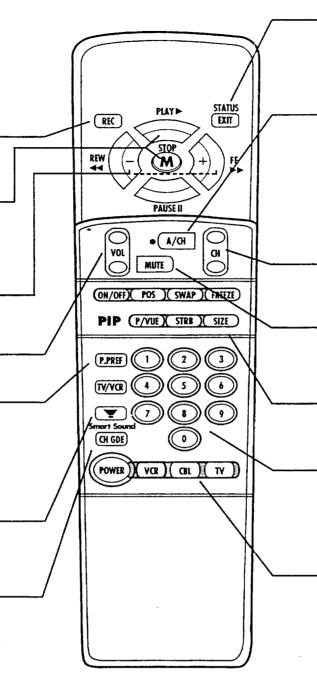
IMPORTANT REMINDER NOTE

The remote's TV-VCR-CBL System buttons control how certain buttons on the remote are used.

For example:

With the "TV" System button pressed: the MENU, (M)▲▼, and (+,-) buttons are used to select and adjust on-screen TV features.

With the "VCR" System button pressed: the same buttons on the remote work playback, search, pause, and other VCR features.



Status/Exit Button

Press to see the current channel number on the TV screen. Also press this button to clear the TV screen after control adjustments.

Alternate Channel Button

Press to select the previously viewed channel.

For example: You are watching channel 4 and change to channel 10 (using the channel number buttons). Press A/CH and your TV will return to channel 4. Press A/CH again and your TV will return to channel 10.

Channel Scan Button

Press to scan up or down through channel numbers.

Mute Button

Press to turn the sound OFF on the TV. Press again to return the sound to its previous level.

PIP Buttons

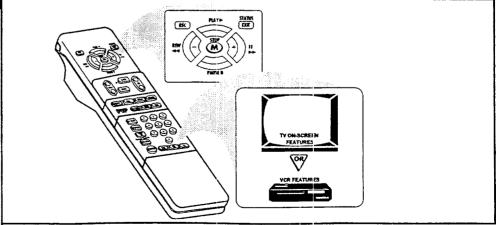
Press to operate Picture-In-Picture features. See PIP section for details.

Number Buttons

Press the number buttons to select TV channels. Press two number buttons to select single digit channels. For example: to select channel 6...press "0" first and then "6".

TV-VCR-CBL System Buttons

Press to send remote control commands to e ther the TV, VCRs, or accessory Cable Converters. See the "How to operate VCRs and Cable Converters" section for further details.



USING THE REMOTE WITH A VCR

When using the TV remote with a VCR, first make certain it is set to control your VCR (by the REMOTE CODE or SEARCH method - see following section).

1 Press the VCR System button on the remote.

2 Point the top of the remote toward the front of the VCR (remote sensor window) when pressing buttons.

Record Button

Hold the RECORD button down, and then press the PLAY button to begin a VCR recording.

Rewind Button

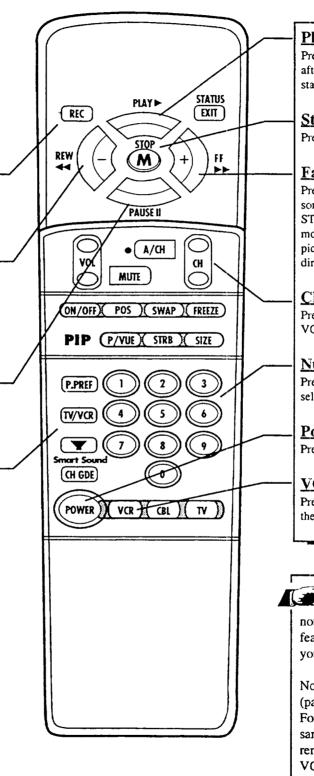
Press to rewind tapes. For some VCRs you may need to press STOP button first then REWIND. In playback mode, hold button down to view picture moving rapidly in reverse.

Pause Button

Press to temporarily stop the tape during a playback or recording. Press again to release Pause.

TV-VCR Button

Press to the VCR position ("VCR" indicator on the VCR will light) to view the playback of a tape. Press again to place in the TV position ("VCR" indicator on the VCR will go OFF) to view one program while recording another program.



Play Button

Press to playback a tape. Hold down after pressing the RECORD button to start a recording.

Stop Button

Press to stop the tape.

Fast Forward Button

Press to rapidly advance the tape. For some VCRs you may need to press STOP first then FF. In Playback mode hold button down to view the picture moving rapidly in the forward direction.

Channel Scan Buttons

Press to scan up or down through VCF, channel numbers.

Number Buttons

Press buttons for direct VCR channel selections .

Power Button

Press to turn the VCR ON and OFF.

VCR System Button

Press to send remote commands to the VCR.

Remember. The VCR buttons on the remote will not operate your VCR if those features are not already found on your VCR remote control.

Note: All VCR functions (particularly Search, Rewind, Fast Forward, etc.) will operate the same as with the original VCR remote control provided with the VCR.

REMOTE CONTROL OPERATION (CONTINUED)

SMART SOUND AUTO VOLUME

A re you tired of hearing commercials blaring at you even when you've gone into the kitchen or down the hall? The Smart Sound (Auto Volume) control enables you to hear a more consistent, even sound level by reducing the peaks and valleys that can occur during program changes or commercial breaks.

BEGIN

Press the Smart Sound button on the remote.

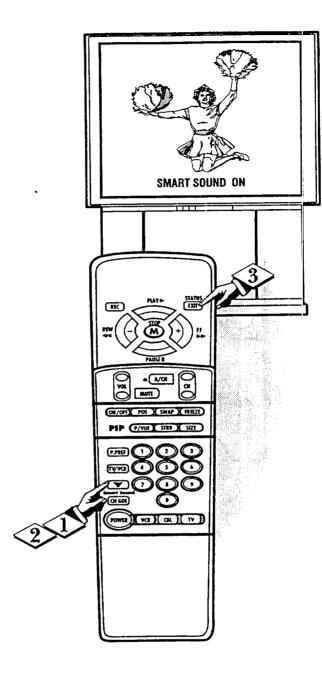
"SMART SOUND" shows on the TV screen.

Keep pressing the Smart Sound button to turn the volume level control ON (or OFF.)

Press the STATUS button to | clear the screen.



Remember. Smart Sound works only with the programs coming through the Antenna/Cable input on the rear of the TV. It will not control the sound levels for the Auxiliary (VCR/AUX IN) audio inputs.



CHANNEL GUIDE

Do you ever have trouble remembering on which channel a particular station or network is located? The Channel Guide is a quick way to view and select channels from a list of Labelled channels.

A Label is a four letter callout you can set to appear with the on screen channel number. Example Label: WXYZ - for a TV station's call letters.

To select channels from the Channel Guide:

BEGIN

1> Press the CH GUIDE button on the remote.

A "CHANNEL GUIDE" shows on the screen with channel numbers and labels.

Keep pressing the CH GUIDE button to see what other labelled channels can be selected.

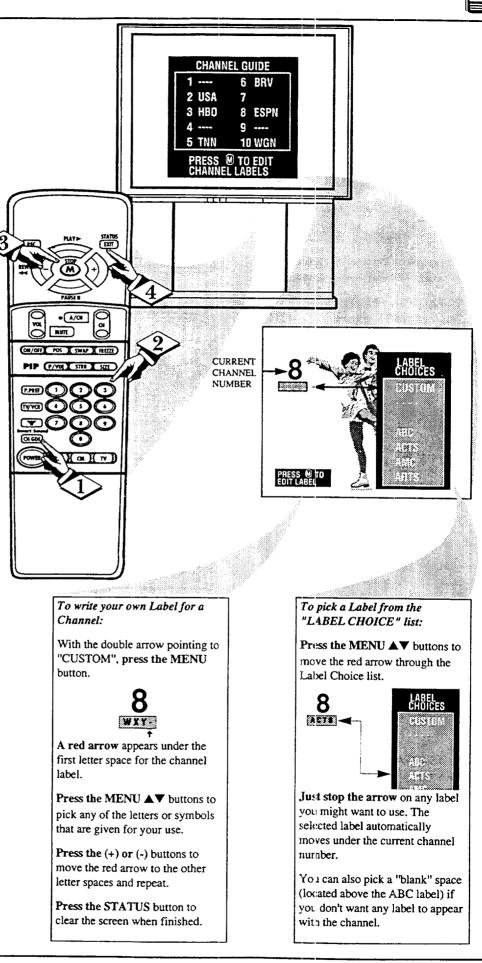
Press the number buttons on the remote to select the desired labelled channel.

Remember to press "0" first and then the number for single digit channels.

Press the MENU button to pick a Label for a channel from the "LABEL CHOICE" list, or write a new label for a channel. (See sidebar notes).

Press the STATUS button to clear the screen.

STOP



REMOTE CONTROL OPERATION (CONTINUED)

PERSONAL PREFERENCE

The Personal Preference button on the remote instantly returns the TV to preset channel, picture, and sound level settings you place in the TV's memory.

Five different Personal Preferences can be set so that more than one person can preset the TV for his (or her) preference.

To set Personal Preference:

(BEGIN)

Press the Personal Preference (P.PREF.) button on the remote.

"PERSONAL PREFERENCES" shows on the TV screen.

2> Press the MENU button to EDIT or setup P. PREF. for your own settings.

SPress the number button on the remote for the P. PREF. you want to set. For example: press 1 for AUX IN - PREF1.

MODIFY PREF1 appears on the screen with a list of picture and sound controls.

> Adjust any of the listed controls to the settings you would prefer for level PREF1.

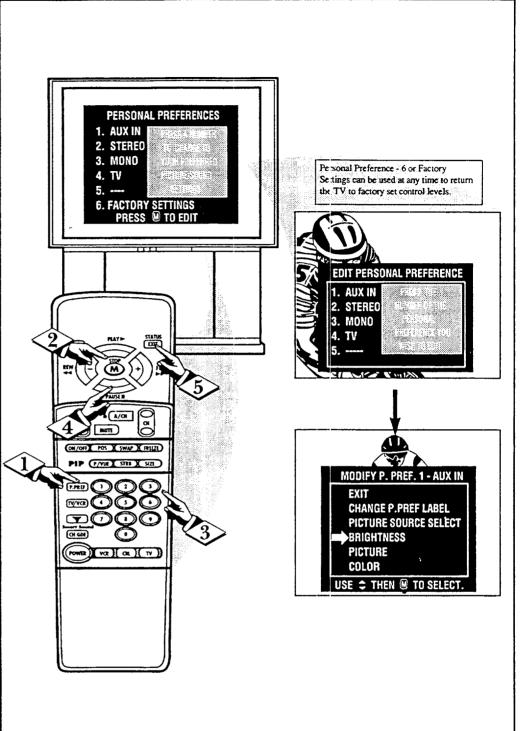
> If you want to setup P. PREF. to select a certain channel number for you, use the Picture Source Select control to set the channel.

S After all control settings are finished, press the STATUS button to clear the screen.



~ F

continue to next page



-P PREF (CONTINUED)

the remote.

select "AUX IN".

NEVER SAVED".

remember.

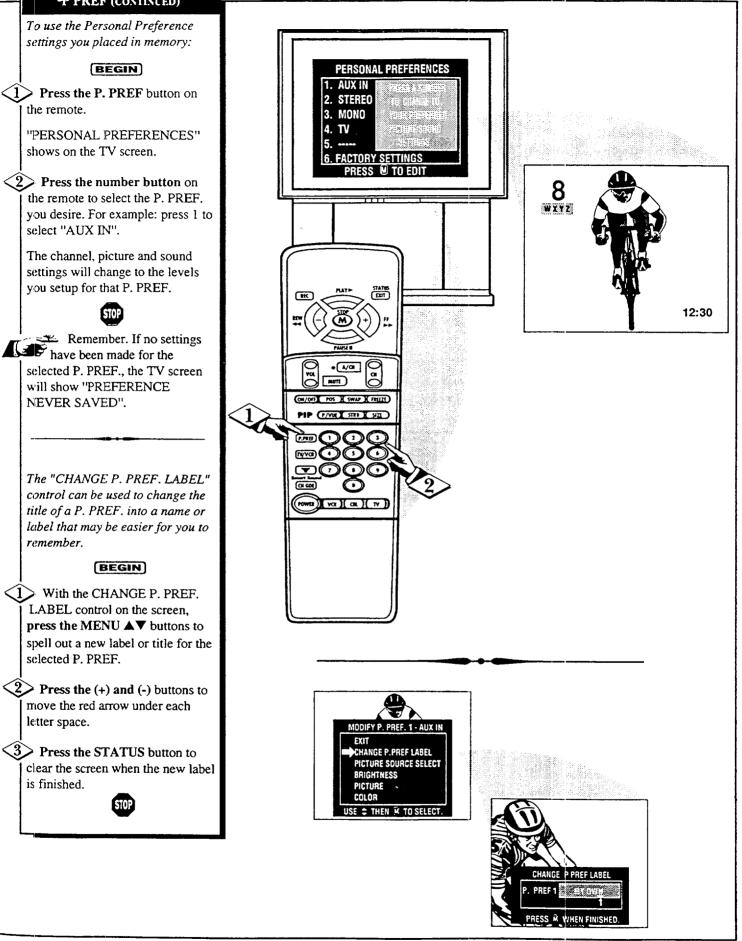
selected P. PREF.

letter space.

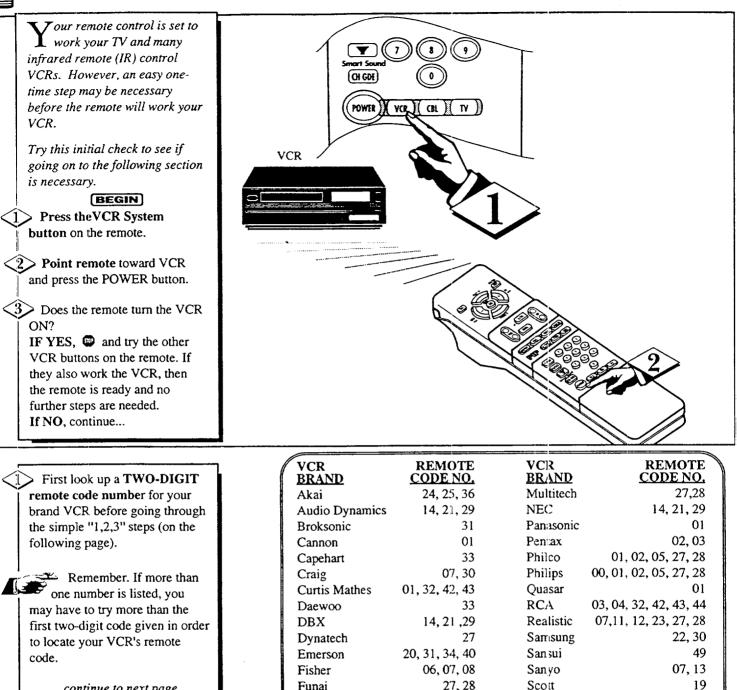
is finished.

STOP





SETTING THE REMOTE TO WORK VCRS



continue to next page

- #

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Magnavox 00, 01, 02, 05, 27, 28

GE

Goldstar

Go Video

JC Penney JVC

Kenwood

Lloyds

Magnin

Marantz

Minolta

Memorex

Mitsubishi

Montgomery Ward

Instant Replay

Hitachi

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Sears

Sharp

Sonv

Shinton

Sylvania

Tatung

Teknika

Themas

Toshiba

Yamaha

Zenith

Video Concepts

TMK

Teac

Symphonic

Sound Design

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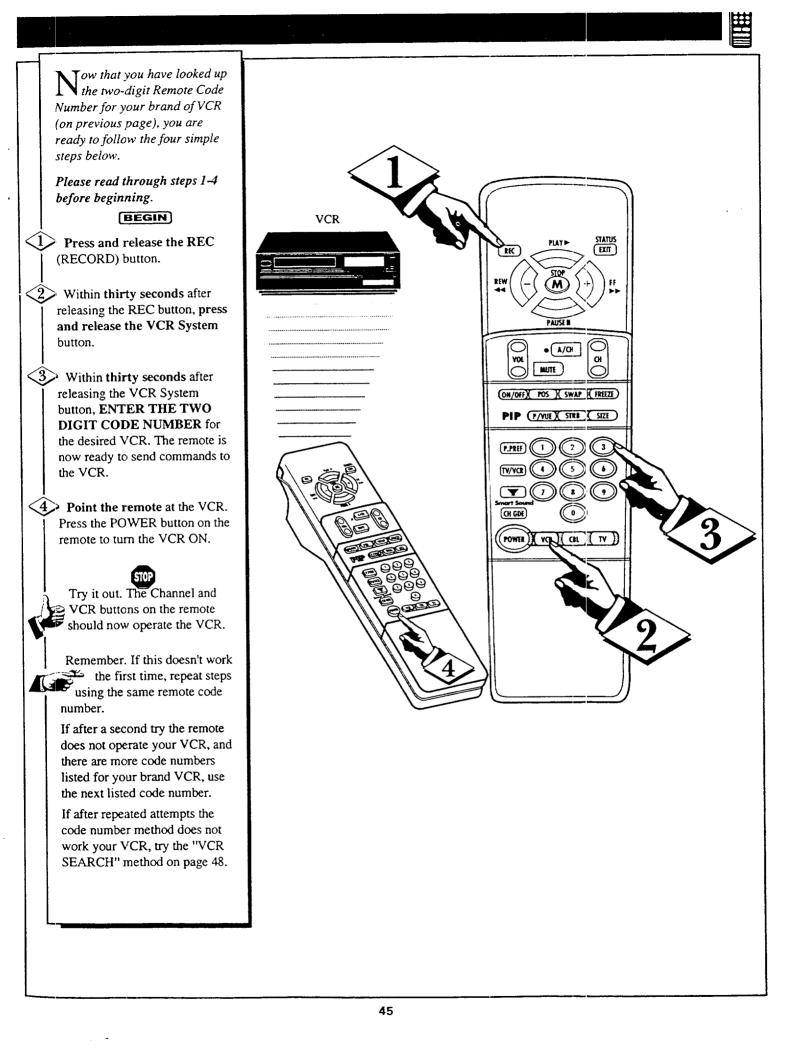
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26,27

18, 19

28,29

14, 28, 29 15



SETTING THE REMOTE TO WORK CABLE TV CONVERTERS

Your remote control is set to work your TV and many infrared remote (IR) control Cable Converters. However, an easy one-time step may be necessary before the remote will work your Converter.

Try this initial check to see if going on to the following section is necessary.

BEGIN

Press the CBL System button on the remote.

Point remote toward Cable Converter and press the POWER button.

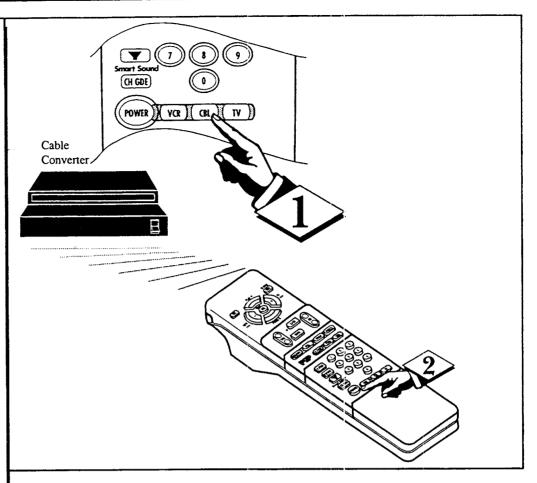
3 Does the remote turn the Converter ON? IF YES,
and try the CH ▲ ▼ and CH number buttons on the remote. If they also work the Converter then the remote is ready and no further steps are needed.

If NO, continue...

> First look up a **TWO-DIGIT** remote code number for your brand Converter before going through the simple "1,2,3" steps (on the following page).

Remember. If more than one number is listed, you may have to try more than the first two-digit code given in order to locate your Converter's remote code.

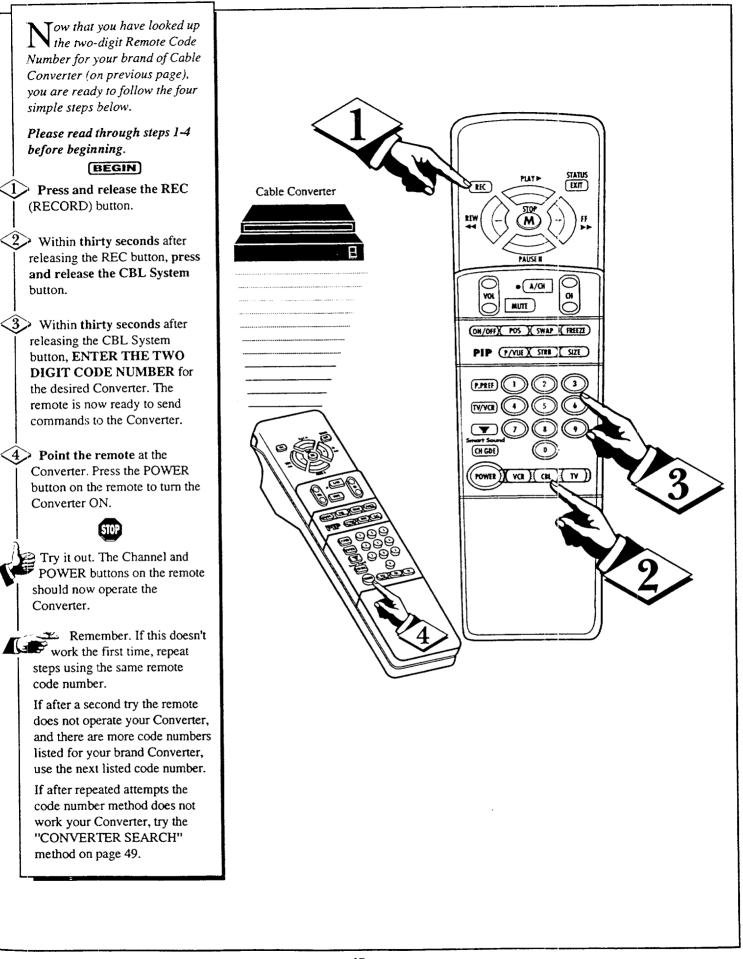
continue to next page



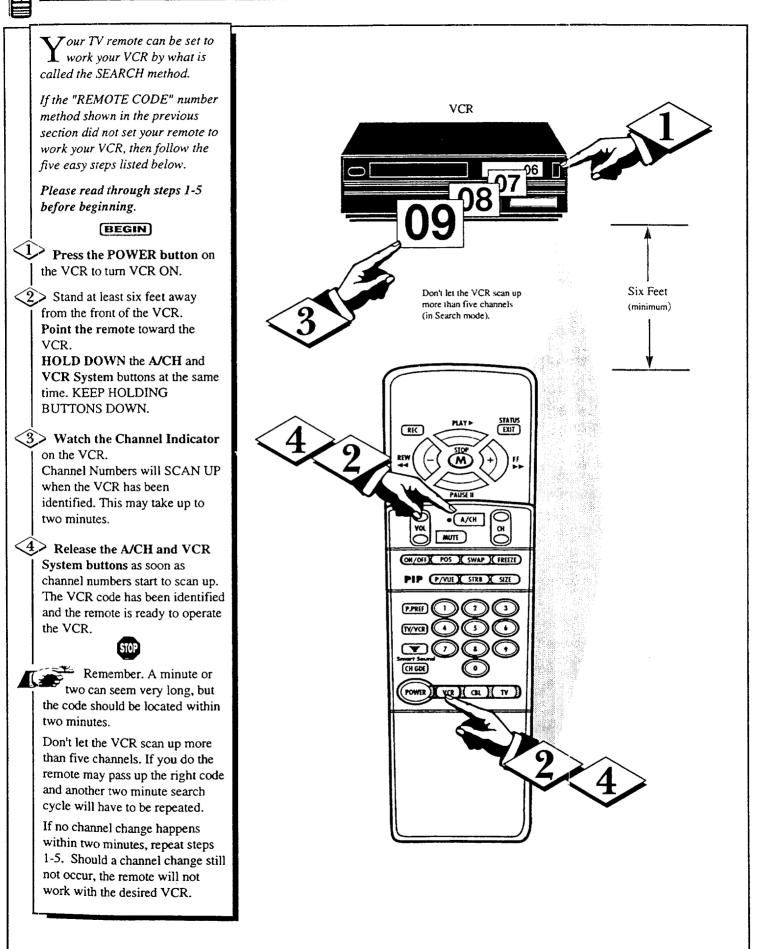
| CONVERT BRAND | ER REMOTE <u>CODE NO.</u> | | REMOTE CODE NO. |
|------------------|------------------------------|--------------------|--------------------|
| Archer | 28 | Rembrant | 33 |
| Diamond | 23 | Salora | 52 |
| Drake | 37 | Scientific Atlanta | 08, 22, 47 |
| Gemini | 45 | Sheritech | 34 |
| Hamlin | 14, 15 | Sylvania | 16 |
| Hitachi | 25 | Texscan | 16, 48 |
| Jerrold 01 | ,02,03,04,05,30,46 | Tocom | 12,13, 53 |
| Macom | 29, 38 | Toshiba | 43 |
| Magnavox | 17,26, 31 | Uniden Satellite | 44, 54 |
| NSC | 49 | Unika | 50 |
| Oak | 06, 27, 39 | Universal | 36 |
| Panasonic | 18, 35 | Video Tech | 40 |
| Philips | 19, 20, 21, 24, 26 | Video Way | 51 |
| Pioneer | 09, 32 | Viewstar | 26 |
| Regency | 10, 11 | Zenith | 07, 41, 42 |
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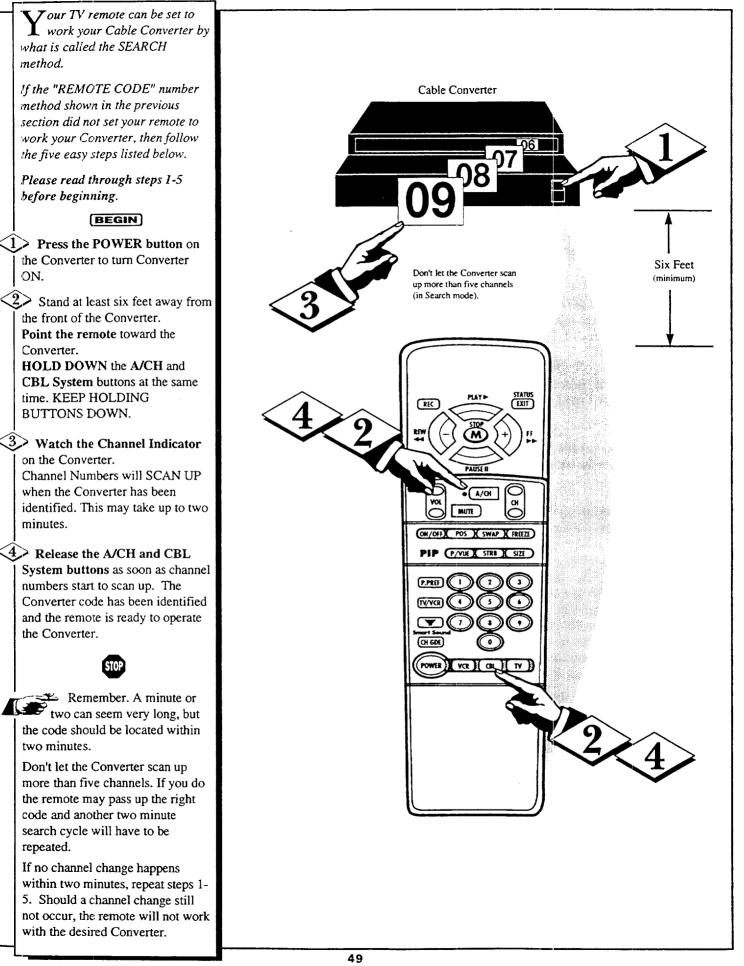
.



SETTING YOUR REMOTE TO WORK VCRs - SEARCH



SETTING YOUR REMOTE TO WORK CABLE CONVERTERS - SEARCH



HOW TO USE THE PICTURE-IN-PICTURE (PIP) FEATURE

Picture in Picture (PIP) is the showing of two pictures on the TV screen at the same time. (One main screen picture and one small inset picture - or PIP).

Note: The PIP picture must be supplied by a VCR (or other accessory equipped with a VIDEO OUTPUT jack). If you already went through FIRST TIME SETUP (page 10), then the connections for PIP have been completed.

To see how channels selected on a VCR can be shown as PIP:

BEGIN

Connect the VIDEO OUT
 jack on the VCR to the AUX IN1
 VIDEO IN jack on the TV.

Also connect the AUDIO OUT (R and L) jacks from the VCR to the AUX IN1 AUDIO IN jacks on the TV.

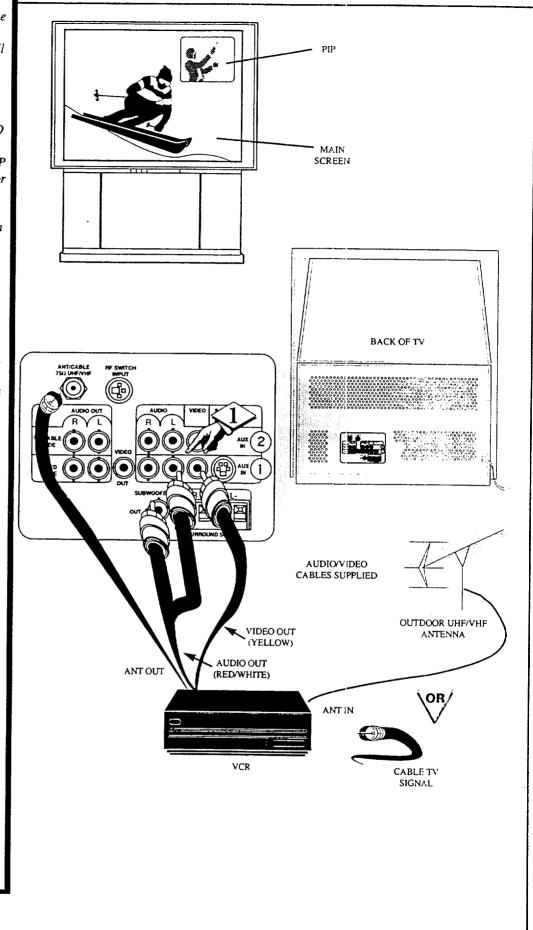
Also ensure the normal antenna connection between the VCR and TV are in place.

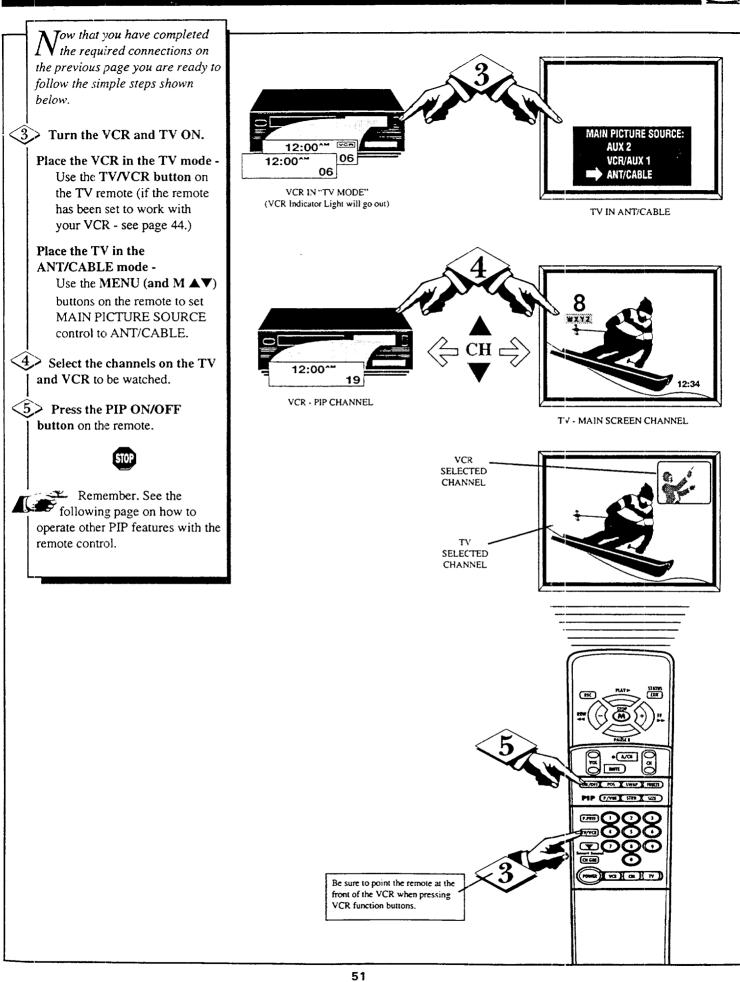
2 Move to the next page after the VCR to TV PIP connections are completed.

Remember. The AUX IN1 or AUX IN2 jacks can be used for PIP connections. Please be sure that the PIP Picture Source control (page 54) is set for the correct set of Audio/Video Inputs that are being used.

No sound will be heard with the PIP picture. See page 52 on how to "SWAP" the PIP picture with the main screen picture so that sound can be heard.

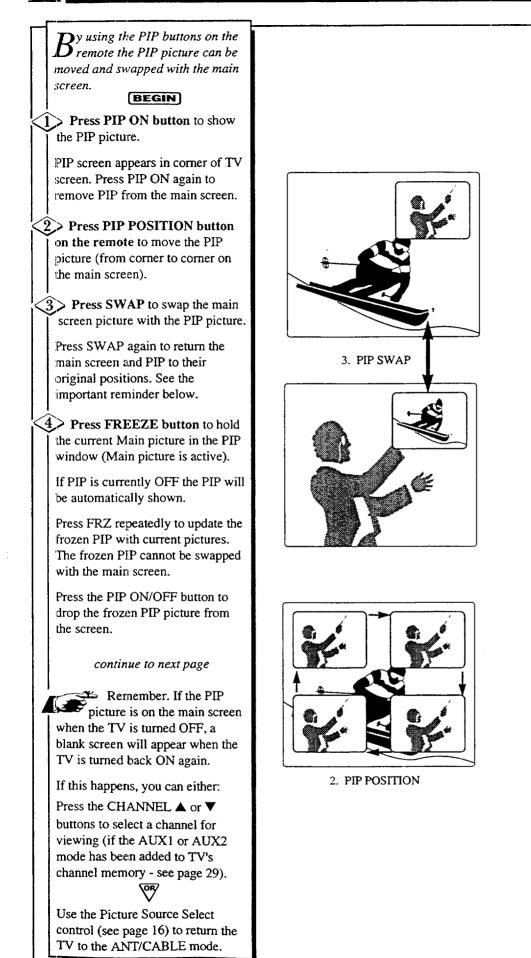
If you have a single (monaural) Audio Output VCR, "Y" connectors are available to complete your connection. Contact your dealer, or our Parts Information Center, for details.

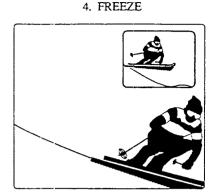




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HOW TO USE PIP WITH THE TV REMOTE CONTROL





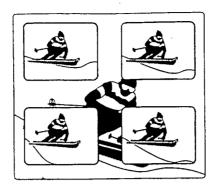


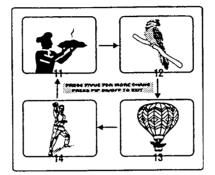
1. PIP ON / OFF

5. PIP SIZE



۰. ۲ 6. PIP STROBE





7. PIP PREVIEW



5 Press SIZE button to change the size of the PIP window shown on the TV screen.

> Press the PIP SIZE button again to see and compare the large and small size PIP windows.

6 Press STROBE to see a series of four frozen scenes from the currently selected channel. Press STRE again and the series of pictures will be updated.

Press PREVIEW button to see what is showing on four channels. P/VUE starts with the current channel and shows the next three channels in memory.

Every few seconds each P/VUE picture will be updated with a current scene for that channel.

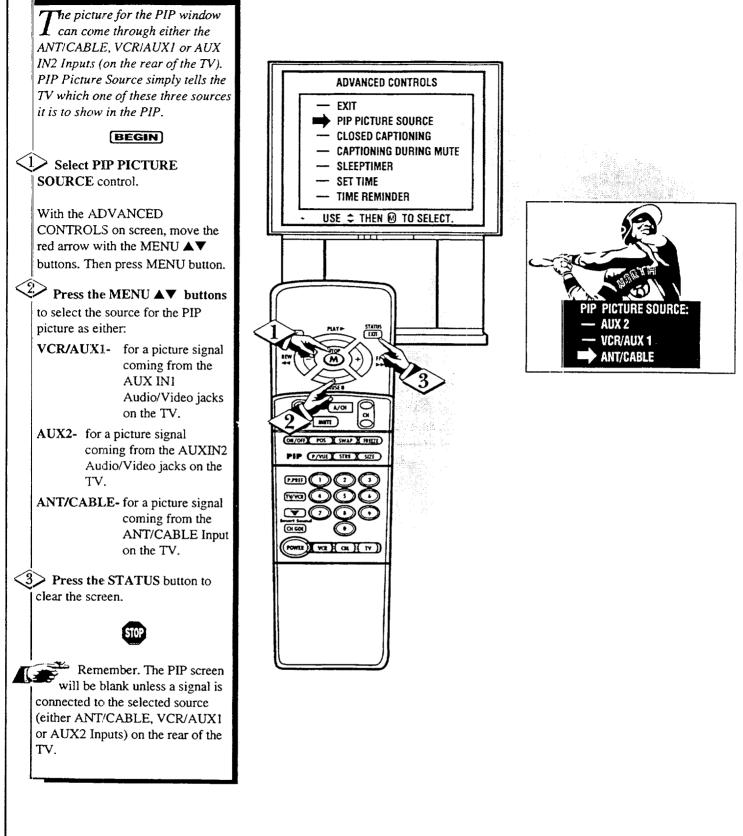
Press P/VUE again to go to the next four channels in memory and so on. Just press the number buttons to select any previewed channel.

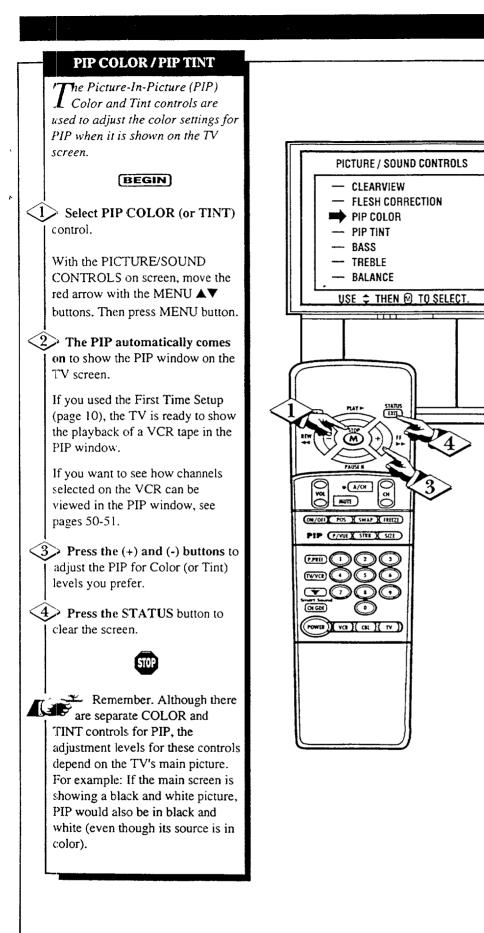


SELECTING THE PICTURE SOURCE FOR PIP

PIP PICTURE SOURCE

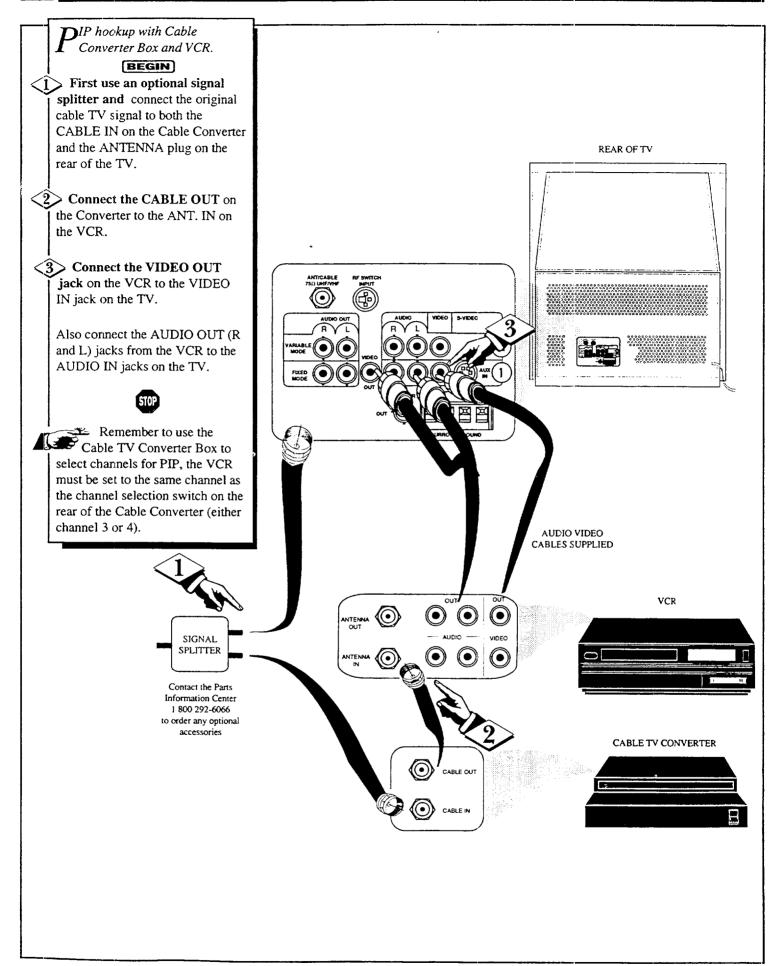
- *†*







MORE PIP CONNECTIONS



- 5

CAUTION: A video source (such as a video game, Compact Disc Interactive - CDI, or Please make these simple checks before calling for TV information channel) which shows a constant non-moving pattern on the TV screen, can cause picture tube damage. When your TV is continuously used with such a source service. These tips can save you the pattern of the non-moving portion of the game (CDI, etc.) could leave an image time and money since charges for permanently on the picture tube. When not in use, turn the video source OFF. TV installation and adjustment of Regularly alternate the use of such video sources with normal TV viewing. customer controls are not covered under your warranty. Check the TV power cord. Unplug the TV, wait 1 minute, then reinsert plug into outlet No Power and push POWER button again. Check to be sure outlet is not on a wall switch. Check antenna connections on the rear of the TV. Are they properly secured to the antenna plug on the TV? Check the CABLE CHANNEL TUNING control for correct position. No Picture Check PICTURE SOURCE control for correct position. VCR/AUX1 or AUX2 position without a signal source will result in a blank screen. Check the VOLUME buttons. Check the MUTE button on the remote control. Check the INTERNAL TV SPEAKER ON/OFF control for the correct position. If attempting auxiliary equipment hook-ups, check audio jack connections and that the No Sound auxiliary equipment is on and in the proper operating modes. Check TV-VCR-CBL "System" buttons on the remote. Press the remote's TV System button to send commands to the TV. **Remote Does Not** Check batteries. Replace with 9-Volt Heavy Duty (Zinc Chloride) or Alkaline batteries Work if necessary. Clean the remote and the remote sensor window on the TV. Repeat channel selection. **TV Displays Wrong** Add desired channel numbers (ADD/DELETE CHANNELS control) into TV memory. Channel or No Check CABLE CHANNEL TUNING control for correct position. **Channels Above 13** This TV is equipped with protective circuitry that shuts the TV off in case of moderate power surges. Should this occur turn the TV back on by pressing the POWER button **QUESTIONS ABOUT THIS PRODUCT?** once or twice, or unplug and then replug the power cord at the AC outlet. CALL OUR INFORMATION CENTER. This feature is NOT designed to prevent damage due to high power surges such as those caused by lightning, which is not covered by your warranty.

Cleaning and Care

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- To avoid possible shock hazard be sure the TV is unplugged from the electrical outlet before cleaning.
- When cleaning the TV screen take care not to scratch or damage the screen surface (avoid wearing jewelry or using anything abrasive- do not use household cleaners). Wipe the front screen with a clean cloth dampened with water. Use even, easy, vertical strokes when cleaning.
- Specially designed screen cleaning kits are also available which contain anti-static cleaners and brushes designed to get into the ridges of the TV screen. If interested, ask your dealer about the SBS4100 Projection TV Screen Cleaning Kit or call our toll-free Accessory Parts ordering number 1-800-292-6066.
- Gently wipe the cabinet surfaces with a clean cloth or sponge dampened in a solution of cool clear water and a mild soap or detergent. Use a clean dry cloth to dry the wiped surfaces.
- Occasionally vacuum the ventilation holes or slots in the cabinet back.
- Never use thinners, insecticide sprays, or other chemicals on or near the cabinet, as they might cause permanent marring of the cabinet finish.

GLOSSARY TO TELEVISION TERMS

Coaxial Cable * A single solid antenna wire normally matched with a metal plug (F-type) end connector that screws (or pushes) directly onto a 75 Ohm input found on the Television or VCR.

Display * An on screen message or graphics that help the user operate and adjust his Television feature controls. See On Screen Displays (OSD).

Direct Audio/Video Inputs * Located on the rear of the TV these connectors (RCA phono type plug) are used for the input of audio and video signals. Designed for use with VCRs (or other accessories) in order to receive higher picture resolution and offer sound connection options.

Identify * Method by which a remote control searches and finds an operating code for another product (such as a VCR or Cable Converter.) Once the code has been "identified" then the TV remote can send commands to and operate the other product.

Multichannel Television Sound (MTS) * The broadcast standard that allows for stereo sound to be transmitted with the TV picture.

On Screen Displays (OSD) * Refers to the wording or messages generated by the television (or VCR) to help the user with specific feature controls (color adjustment, programming, etc.).

Menu * An on-screen listing of feature controls shown on the Television screen that are made available for user adjustments.

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Picture -In-Picture (PIP) * Term used when two pictures are shown on the TV screen at the same time. The smaller PIP picture is supplied by a VCR (or other tuner/video playback source). The PIP picture can also be moved and swapped with the TV's main screen picture.

Programming * The procedure of adding or deleting channel numbers into the Television's memory circuits. In this way the Television "remembers" only the locally available or desired channel numbers and skips over any unwanted channel numbers.

Remote Sensor Window * A window or opening found on the Television control panel through which infrared remote control command signals are received.

Second Audio Program (SAP) * An additional audio channel provided for in the Multichannel Television Sound (MTS) broadcast standard. The most frequently proposed use for SAP is the simultaneous bilingual broadcast of TV program material.

Status * Allows the user to quickly confirm what channel number is currently being viewed. Status can also be used to clear the Television of on screen displays or information (rather than waiting for the displays to "time out" or automatically disappear from the screen).

Twin Lead Wire * The more commonly used name for the two strand 300 Ohm antenna wire used with many indoor and outdoor antenna systems. In many cases this type of antenna wire requires an additional adapter (or balun) in order to connect to the 75 Ohm Input terminals designed into the more recent Televisions and VCRs.

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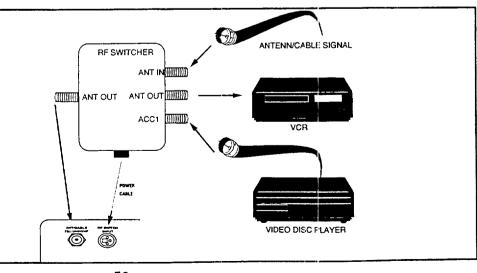
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RF Switcher Information

n optional AK9232 RF A Switcher is available that will allow an Antenna/Cable TV signal input and another video accessory (VCR, Video Disc Player, etc.) to be connected to the TV at the same time.

The accessory RF switcher can be purchased or ordered from your dealer. If your dealer does not carry the accessory, call the toll free Parts Information Center number:



LIMITED WARRANTY

PROJECTION TELEVISION

One (1) Year In Home Service Labor Warranty

Thirty (30) Day Exchange Warranty Projection TV Screen

One (1) Year Exchange Warranty Parts

Two (2) Year Exchange Warranty on Cathode Ray Tube

For purchases outside the U.S., see applicable warranty from country of purchase.

This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

Parts and Labor

For one year (30 days for the Projection TV screen) after the date of purchase, an Authorized Service Center will repair any product defect and replace any defective part, including the cathode ray tubes and lens without charge to you for parts or labor.

Replacement Cathode Ray Tubes

Except for return shipping cost, an Authorized Service Center will, for two (2) years after installation of the TV, replace a defective cathode ray tube without charge for the replacement tube. If the tube replacement is made after one year, you must pay for all labor and home service charges to replace it. Replacement parts and tubes installed during the warranty period are warranted only for the balance of the original warranty period.

Replacement "Clear-Vu" Lens

The "Clear-Vu" Lens is warranted against manufacturing defects, to the original purchaser, for the lifetime of the product. If the lens replacement is made after one year, you must pay for the labor and home service charges to replace it.

What the Purchaser Must Do

Before you call for service, check your operating instruction booklet. A slight adjustment of the customer controls discussed in your instruction booklet may save you a service call.

If you require service during the warranty period, you must contact an Authorized Service Center to arrange for repair. The Service Center must be allowed to keep defective parts.

Warranty service will be performed by an Authorized Service Center. We suggest that you contact your dealer. If your dealer does not operate an Authorized Service Center, he will direct you to the Authorized Service center engaged by him to service the product he sells.

If you reside in an area where we have a Factory Service Center (see the Factory Service Center address directory supplied with your product literature), you can contact them to schedule a convenient time for an In-Home service call.

YOU MUST PRESENT PROOF OF THE DATE ON WHICH THE PROJECTION TV WAS FIRST PURCHASED (SALES RECEIPT OR OTHER EVIDENCE) WHEN REQUESTING SERVICE OR REPLACEMENT PART WARRANTY PERFORMANCE.

Warranty Exclusions

Your Warranty Does Not Cover:

Labor charges for set installation or set-up, adjustment of customer or preference controls, and installation or repair of antenna systems outside the TV set.

Product repair and/or part replacement because of misuse, accident, unauthorized repair or other cause not within the control of Philips Consumer Electronics Company.

Reception problems caused by signal conditions or cable or antenna systems outside the TV.

A television purchased, used or serviced outside the U.S.A., Puerto Rico and the Virgin Islands, or used for commercial or institutional purposes.

Incidental or consequential damages resulting from the product. Some states do not allow the exclusion of incidental or consequential damages, so the above exclusion may not apply to you.

ALL IMPLIED WARRANTIES INCLUDING IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO THE DURATION OF THIS EXPRESS WARRANTY. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.

IMPORTANT REMINDER

PLEASE FILL OUT AND MAIL YOUR WARRANTY REGISTRATION CARD PROMPTLY. IT WILL BE EASIER FOR US TO NOTIFY YOU IF IT SHOULD EVER BE REQUIRED. PLEASE ALSO KEEP YOUR SALES RECEIPT AND ANY OTHER PROOF OF PURCHASE INFORMATION.

PHILIPS SERVICE COMPANY • P.O. BOX 555 • JEFFERSON CITY, TENNESSEE 37760 • (615) 475-8869 QUESTIONS ABOUT THIS PRODUCT? CALL OUR INFORMATION CENTER.



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