

Trinitron[®] Color TV

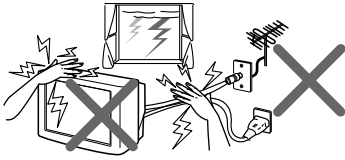
Operating Instructions

- Before operating the unit, please read this manual thoroughly and retain it for future reference.

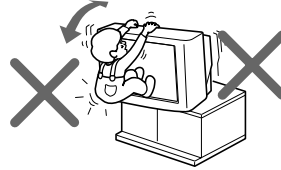
KV-XF34
KV-XF29

WARNING

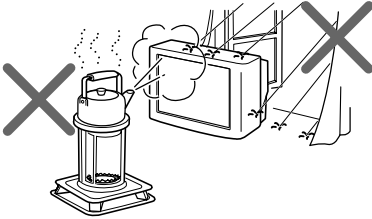
- Dangerously high voltages are present inside the TV.
- Operate the TV only between 110 – 220 V AC.



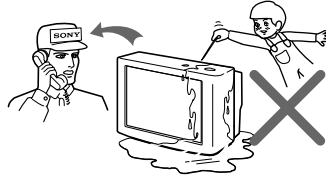
For your own safety, do not touch any part of the TV, the power cord and the antenna cable during lightning storms.



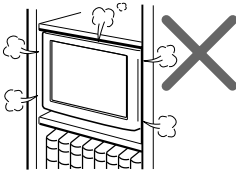
Install the TV in a stable position. Do not allow children to climb onto it.



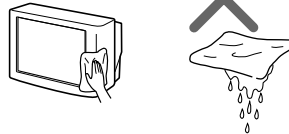
To prevent fire or shock hazard, do not expose the TV to rain or moisture.



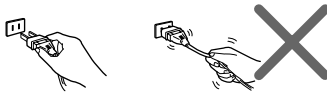
Do not operate the TV if any liquid or solid object falls into it. Have it checked immediately by qualified personnel only.



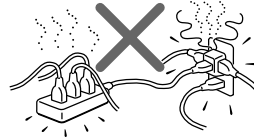
Do not install the TV in a confined space, such as a bookcase or built-in cabinet. Do not block the ventilation openings of the TV.



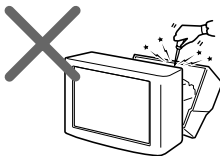
Clean the TV with a dry and soft cloth. Do not use benzine, thinner, or any other chemicals to clean the TV. Do not scratch the picture tube.



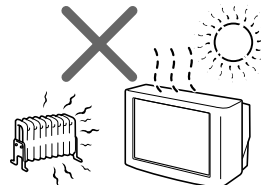
Pull the power cord out by the plug. Do not pull the power cord itself. Disconnect the TV if you are not going to use it for several days.



Do not plug in too many appliances to the same power socket. Do not damage the power cord.



Do not open the cabinet and the rear cover of the TV. Refer servicing to qualified personnel.



Do not install the TV in hot, humid or excessively dusty places.

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Using Your New TV





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The features you will enjoy include:

- "FAVORITE CH" for quick and easy channel selection (page 13)
- "PICTURE MODE"/"SOUND MODE"/"SURROUND" for customizing your TV (pages 12, 16)
- "PIP" for watching two programs at the same time (page 14)

Your TV also offers the following setup features:

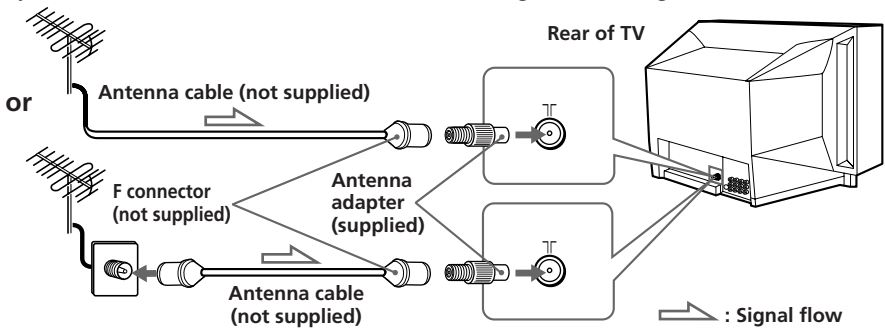
- Menu language options – English/Korean (page 10)
- "CHILD LOCK" for preventing children from watching certain programs (page 24)
- "PIC ROTATION" for picture position adjustment (page 25)

Getting Started

Step 1

Connect the antenna

If you wish to connect a VCR, see the "Connecting a VCR" diagram below.

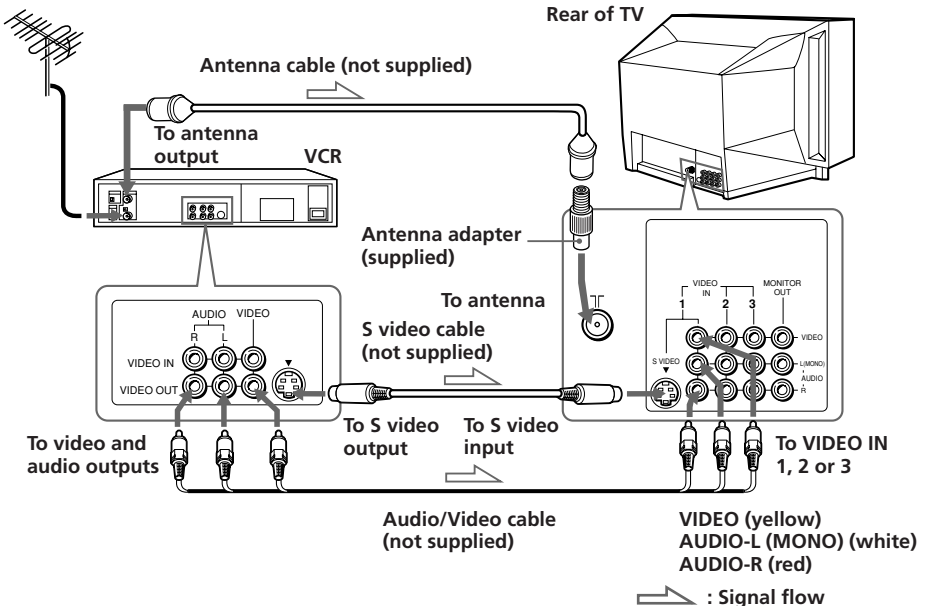


CAUTION

Do not connect the power cord until you have completed making all other connections; otherwise a minimum leakage current might flow through the antenna and other terminals to ground.

Connecting a VCR

To play a video tape, press VIDEO (see page 10).

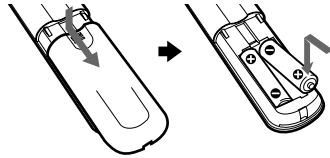


Notes

- If you connect a monaural VCR, connect the yellow plug to VIDEO (the yellow jack) and the black plug to AUDIO-L (MONO) (the white jack).
- If you connect a VCR to the ㄗ (antenna) terminal, preset the signal output from the VCR to the program number 0 on the TV.
- When both S VIDEO and VIDEO IN 1 input are connected, the S VIDEO input is automatically selected. To view the video input to VIDEO IN 1, disconnect the S video cable.
- When no signal is input to the connected video equipment, the TV screen becomes blue.

Step 2

Insert the batteries into the remote

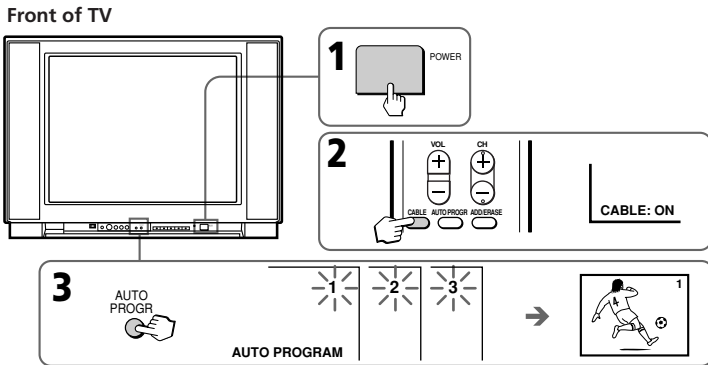


Note

- Do not use old batteries nor use different types of batteries together.

Step 3

Preset the channels automatically



Notes

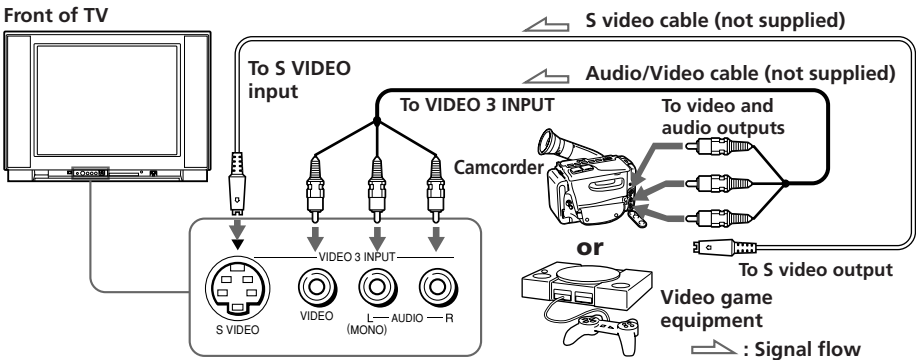
- To stop the automatic channel presetting, press MENU.
- If your TV has preset an unwanted channel or cannot preset a particular channel, then preset your TV manually (see page 8).
- The AUTO PROGR button on the remote works as the AUTO PROGR button on the TV.

Connecting optional components

You can connect optional audio/video components, such as a VCR, multi disc player, camcorder, video game or stereo system.

To watch the picture of the connected equipment, see page 10.

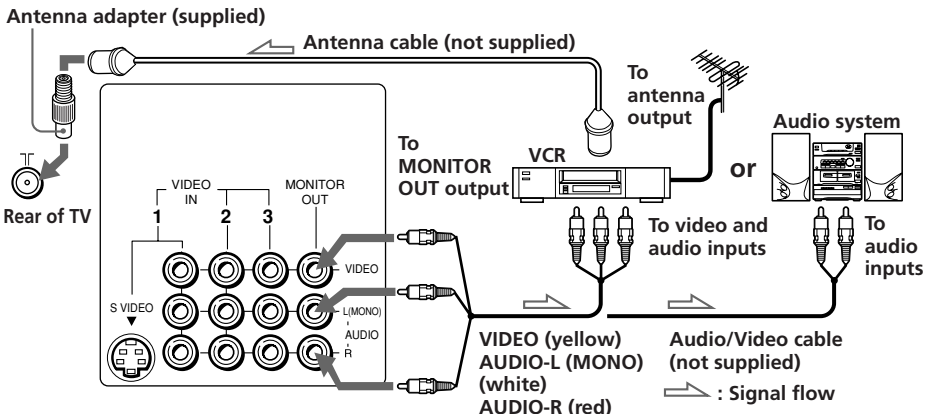
Connecting a camcorder/video game equipment using the VIDEO IN input jacks



Note

- When both S VIDEO input and VIDEO 3 INPUT input are connected, the S VIDEO input is automatically selected. To view the video input to VIDEO 3 INPUT, disconnect the S video cable.

Connecting audio/video equipment using the MONITOR OUT output jacks



Note

- If you connect a monaural VCR, connect the yellow plug to VIDEO (the yellow jack) and the black plug to AUDIO-L (MONO) (the white jack).

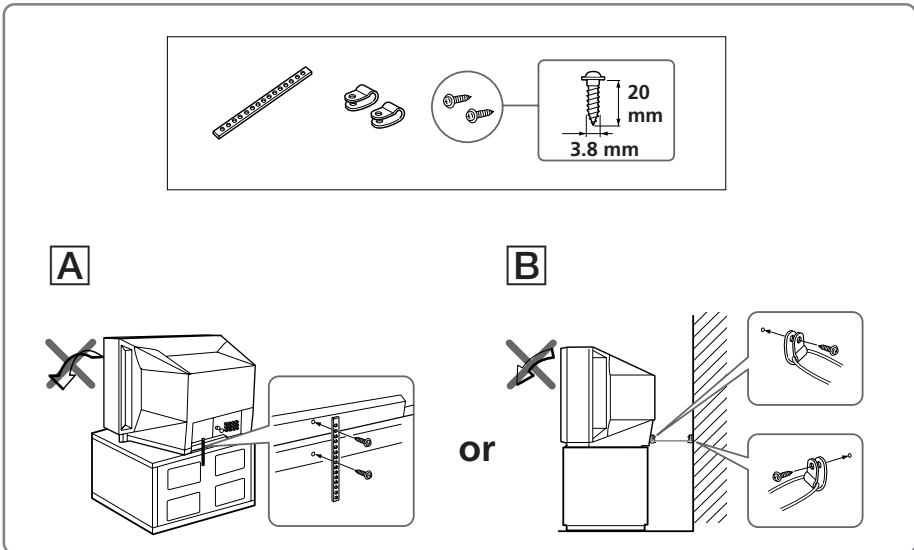
Securing the TV

To prevent the TV from falling, secure the TV using one of the following methods:

- A** With the supplied screws, attach the stabilizer band to the TV stand and to the rear of the TV using the provided hole.

or

- B** Pass a cord or chain through the clamps to secure the TV against a wall or pillar.

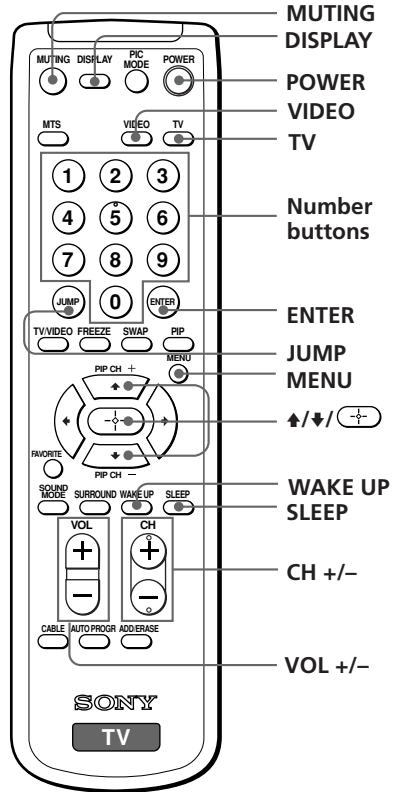
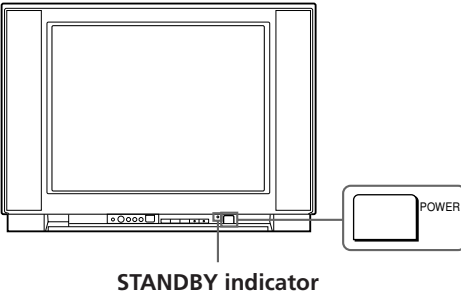


Note

- Use only the supplied screws. Use of other screws may damage the TV.

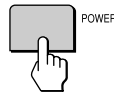
Watching the TV

This section explains functions and operations used while watching TV. Most operations can be done using the remote.

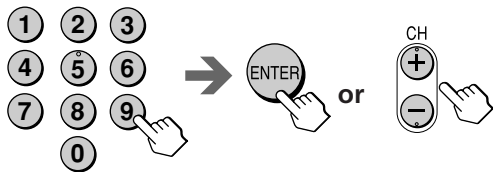


- 1 Press **POWER** on the TV to turn on the TV.

When the TV is in the standby mode (the **STANDBY** indicator on the TV is lit red), press **POWER** on the remote or **CHANNEL +/-** on the TV.



- 2 To select the TV program, press the number buttons and then press **ENTER**, or press **CH +/-**.



continued

Watching the TV (continued)

Additional tasks

To	Do this
Turn off temporarily	Press POWER on the remote. The STANDBY indicator on the TV lights up red.
Turn off completely	Press POWER on the TV.
Adjust the volume	Press VOL +/-.
Mute the sound	Press MUTING.
Watch the video input (VCR, camcorder, etc.)	Press VIDEO to select "VIDEO 1", "VIDEO 2" or "VIDEO 3". To return to the TV program, press TV.
Jump back to the previous channel	Press JUMP.
Display the on-screen information*	Press DISPLAY.

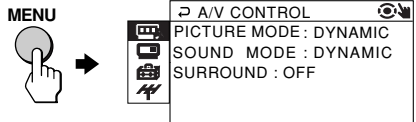
* Some picture/sound settings, and either the program number or video mode are displayed. The on-screen display for the picture/sound settings disappears after about 3 seconds.

Changing the menu language

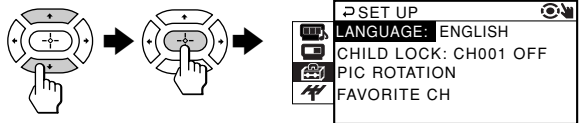
You can change the menu language as well as the on-screen language.

For details on how to use the menu, see "How to use the menu" on page 19.

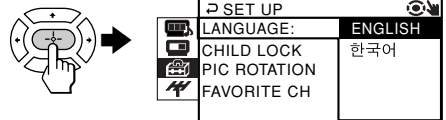
1 Press MENU.



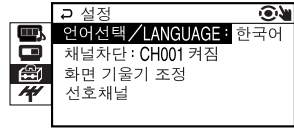
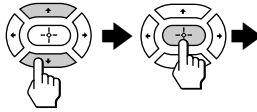
2 Press or to select , then press .



3 Make sure "LANGUAGE" is selected, then press .



- 4** Press **▲** or **▼** to select the desired language (e.g., “한국어”), then press **+**.



The selected menu language appears.

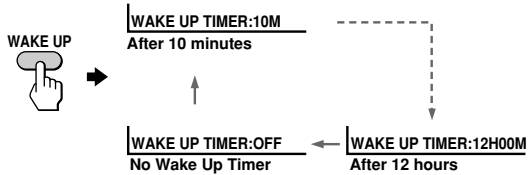
To return to the normal screen

Press **MENU**.

Setting the Wake Up timer

- 1** Press **WAKE UP** until the desired period of time appears.

The Wake Up timer starts immediately after you have set it.



- 2** Select the TV program or video mode you want to wake up to.

- 3** Press **POWER**, or set the Sleep timer if you want the TV to turn off automatically. The **WAKE UP** indicator on the TV lights up orange.

To cancel the Wake Up timer

Press **WAKE UP** until “**WAKE UP TIMER: OFF**” appears or turn off the TV’s main power.

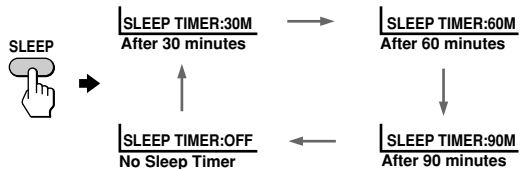
Notes

- The Wake Up timer starts immediately after the on-screen display disappears.
- If no buttons or controls are pressed for more than two hours after the TV is turned on using the Wake Up timer, the TV automatically goes into the standby mode. To continue watching the TV, press any button or control on the TV or the remote.

Setting the Sleep timer

Press **SLEEP** until the desired period of time appears.

The Sleep timer starts immediately after you have set it.

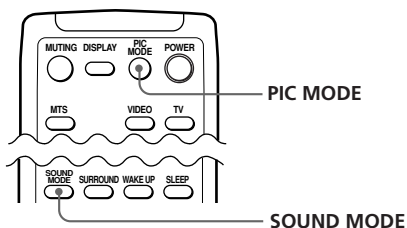


To cancel the Sleep timer

Press **SLEEP** until “**SLEEP TIMER: OFF**” appears or turn the TV off.

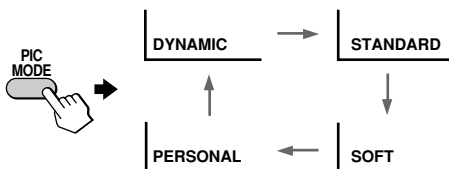
Selecting the picture and sound modes

You can select picture and sound modes and adjust the setting to your preference in "PERSONAL" option.



Selecting the picture mode

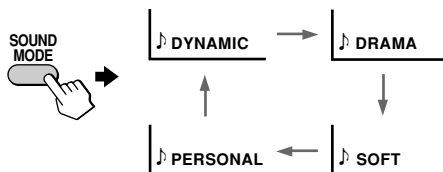
Press PIC MODE repeatedly until you get the desired picture mode.



Select	To
"DYNAMIC"	receive high contrast pictures.
"STANDARD"	receive normal pictures.
"SOFT"	receive mild pictures.
"PERSONAL"	receive the last adjusted picture setting from the "ADJUST" option in the "A/V CONTROL" menu (see page 21).

Selecting the sound mode

Press SOUND MODE repeatedly until you get the desired sound mode.



Select	To
"DYNAMIC"	listen to dynamic and clear sound that emphasizes the low and high tones.
"DRAMA"	listen to sound that emphasizes voice and high tones.
"SOFT"	receive soft sound.
"PERSONAL"	receive the last adjusted sound setting from the "ADJUST" option in the "A/V CONTROL" menu (see page 21).

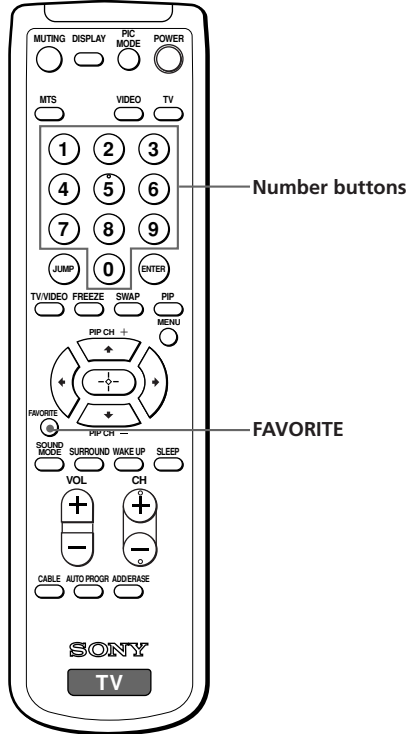
Tip

- You can also set the picture and sound modes using the menu (see "Changing the "A/V CONTROL" setting" on page 20).

Viewing your favorite channels

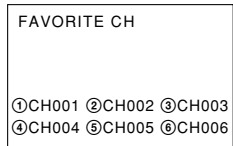
— “FAVORITE CH”

You can display and select six of your favorite channels directly from your TV screen.

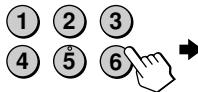


Selecting a favorite channel

1 Press FAVORITE.



2 Press the number button from 1 to 6 to select the desired channel.



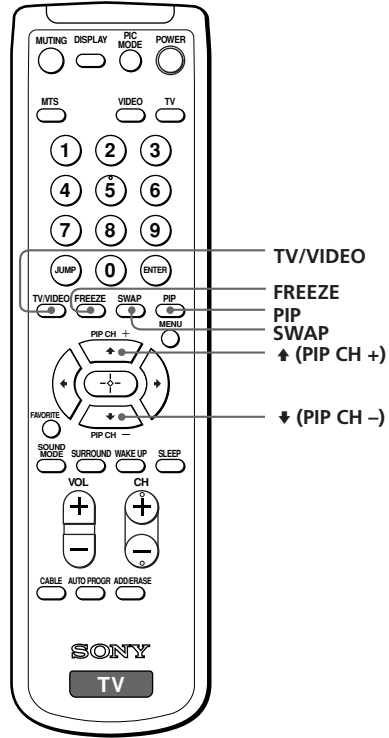
Tip

- To program your favorite channels, see “Programming your favorite channels” on page 23.

Watching two programs at the same time

— “PIP”

With the Picture-in-Picture (PIP) feature, you can display a different TV program or video directly within the main picture.




Displaying the PIP screen

Press PIP.



Additional PIP tasks

To	Press
change a TV program in the PIP screen	▲ (PIP CH +) or ▼ (PIP CH -).
change a video input in the PIP screen	TV/VIDEO.
swap pictures between the main and PIP screens	SWAP. 
freeze the PIP screen	FREEZE. To unfreeze the screen, press the button again.

To return to the normal screen

Press PIP.

Tips

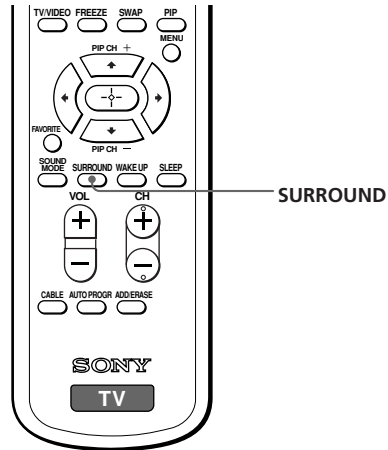
- You can also display the PIP screen using the menu (see “Changing the “PIP” setting” on page 22).
- You can change the position of the PIP screen (see “Changing the “PIP” setting” on page 22).

Note

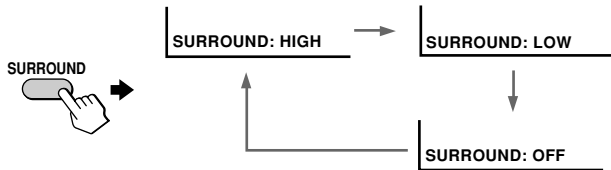
- When you display a video input on the PIP screen at a faster/slower speed, the picture may be disrupted depending on the VCR type.

Listening with surround sound

The surround feature enables you to enjoy the sound effects of a concert hall or movie theater.



Press SURROUND repeatedly until you receive the desired surround sound.



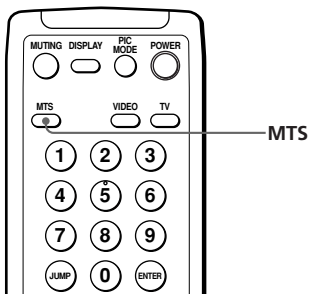
Select	To
“HIGH”	listen to sound that spreads out over a large area, giving the feeling of being at a concert hall.
“LOW”	listen to the sound that gives the feeling of being at a live concert.
“OFF”	turn off the surround sound.

The surround of your TV is categorized as TruSurround.

TruSurround™ is a trademark of SRS Labs, Inc. SRS and the SRS symbol are registered trademarks of SRS Labs, Inc. in the United States and selected foreign countries. SRS and TruSurround are incorporated under license from SRS Labs, Inc. and are protected under United States Patent Nos. 4,748,669 and 4,841,572 with numerous additional issued and pending foreign patents.

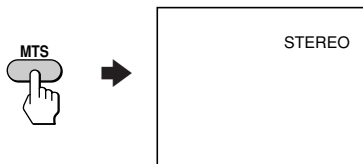
Enjoying stereo or bilingual programs

You can enjoy stereo sound or bilingual programs of Korean stereo system.



Press MTS repeatedly until you receive the sound you want.

The on-screen display changes to show the selected sound and the STEREO indicator on the TV lights up red when receiving stereo or bilingual programs.



When receiving Korean stereo or bilingual programs

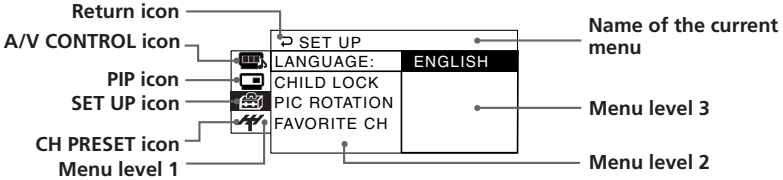
Broadcasting	On-screen display (Selected sound)
Korean stereo	
Korean bilingual	





Notes

- If the stereo signal is very weak, the STEREO broadcast sound may become noisy. To reduce the noise, select "MONO".
- You cannot receive a stereo broadcast signal when the TV is in the "MONO" setting.

Introducing the menu system

The MENU button lets you open a menu and change the settings of your TV. The following is an overview of the menu system.

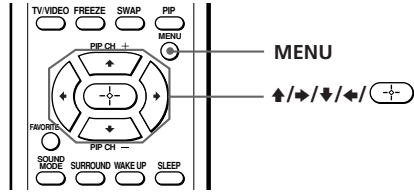


Level 1	Level 2	Level 3/Function
"A/V CONTROL" 	"PICTURE MODE"	Select the picture mode. "DYNAMIC" → "STANDARD" → "SOFT" → "PERSONAL" → "ADJUST"
	"ADJUST"	Adjust the "PERSONAL" option. "PICTURE" → "COLOR" → "BRIGHT" → "HUE" → "SHARP"
	"SOUND MODE"	Select the sound mode. "DYNAMIC" → "DRAMA" → "SOFT" → "PERSONAL" → "ADJUST"
	"ADJUST"	Adjust the "PERSONAL" option. "BASS" → "TREBLE" → "BALANCE" → "BBE"*
"PIP" 	"PIP POSITION"	Change the position of the sub screen.
	"PIP"	Display a sub screen within the main picture.
	"SWAP"	Swap the pictures between the main and sub screens.
"SET UP" 	"LANGUAGE"	Change the menu language. "ENGLISH" - "한국어" (Korean)
	"CHILD LOCK"	Lock out specific channels.
	"PIC ROTATION"	Rotate the picture.
	"FAVORITE CH"	Set favorite channels.
"CH PRESET" 	"AUTO PROGRAM"	Preset channels automatically.
	"CABLE"	Select "ON" if you want to watch cable TV.
	"ADD/ERASE"	Add or erase channels.
	"SENS"	If the TV signal is too strong and the picture is distorted, you can adjust the TV reception sensitivity.

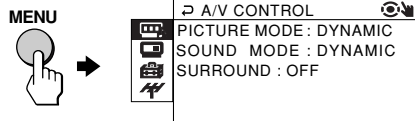
* The BBE is manufactured by Sony Corporation under license from BBE Sound, Inc. It is covered by U.S. Patent No. 4,638,258 and No. 4,482,866. The word "BBE" and the BBE symbol are the trademarks of BBE Sound, Inc.

How to use the menu

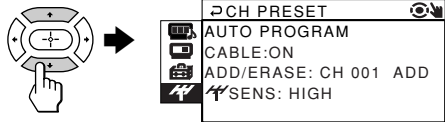
You can use the buttons on the remote and on the TV as well to display the menu and adjust the settings.



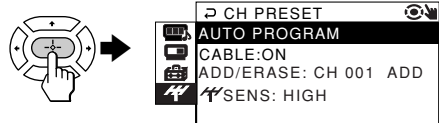
1 Press MENU to display the menu.



2 Press ↑ or ↓ to select the desired item.



3 Press (+/-) to confirm your option and go to the next menu level.



Other menu operations

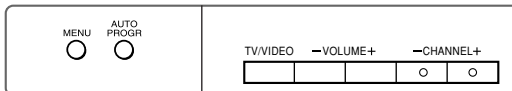
To	Press
Adjust the setting value	↑/← or ↓/→.
Move to the next/previous menu level*	→ or ←.
Cancel the menu	MENU

* To return from Menu Level 2 to Level 1, press ↑ or ↓ to select the return icon (↶), then press (+/-).

Tips

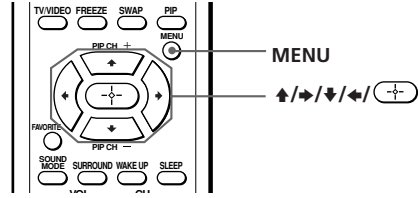
- If more than 60 seconds elapse between entries, the menu screen automatically disappears.
- You can also use the buttons on the TV for menu operations. VOLUME +/- work as ↑/↓ on the remote and TV/VIDEO works as (+/-) on the remote.

Front of TV





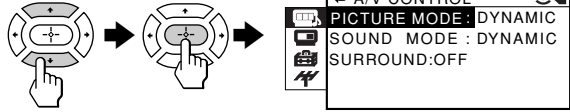
Changing the "A/V CONTROL" setting


The "A/V CONTROL" menu allows you to adjust the picture and sound settings.

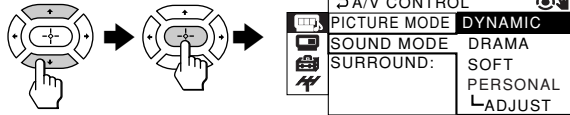



1 Press MENU.

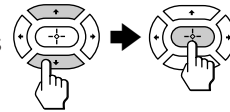
2 Press \uparrow or \downarrow to select , then press .



3 Press \uparrow or \downarrow to select either "PICTURE MODE", "SOUND MODE" or "SURROUND", then press .



4 Press \uparrow or \downarrow to select the desired option, then press .



For	Select
"PICTURE MODE"	either "DYNAMIC", "STANDARD", "SOFT", "PERSONAL"*, or "ADJUST".
"SOUND MODE"	either "DYNAMIC", "DRAMA", "SOFT", "PERSONAL"*, or "ADJUST".
"SURROUND"	either "HIGH", "LOW", or "OFF".

* When the "PERSONAL" mode is selected, the last adjusted picture and sound settings from the "ADJUST" option are received (see page 21).


Tip

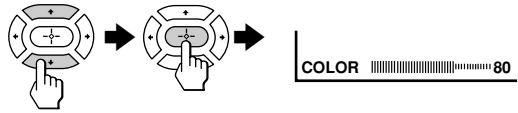
- For details on the options under "PICTURE MODE"/"SOUND MODE" and "SURROUND", see page 21 and 16 respectively.


To return to the normal screen

Press MENU.

Adjusting the "ADJUST" options under "PICTURE MODE"

- 1** Press \uparrow or \downarrow to select the desired item (e.g., "COLOR"), then press .




- 2** Adjust the value according to the following table, then press .

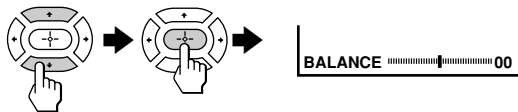
For	Press \downarrow/\leftarrow to	Press \uparrow/\rightarrow to
"PICTURE"	decrease picture contrast	increase picture contrast
"COLOR"	decrease color intensity	increase color intensity
"BRIGHT"	darken the picture	brighten the picture
"HUE"	increase red picture tones	increase green picture tones
"SHARP"	soften the picture	sharpen the picture


- 3** Repeat the above steps to adjust other items.

The adjusted settings will be received when you select "PERSONAL".

Adjusting the "ADJUST" options under "SOUND MODE"

- 1** Press \uparrow or \downarrow to select the desired item (e.g., "BALANCE"), then press .



- 2** Adjust the value according to the following table, then press .

For	Press \downarrow/\leftarrow to	Press \uparrow/\rightarrow to
"BASS"	decrease the bass	increase the bass
"TREBLE"	decrease the treble	increase the treble
"BALANCE"	increase the left speaker's volume	increase the right speaker's volume
"BBE"	select "HIGH" for higher enhancement of sound clarity; select "LOW" for lower enhancement of sound clarity; select "OFF" to turn off the BBE sound	

- 3** Repeat the above steps to adjust other items.

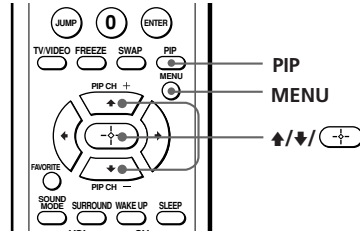
The adjusted settings will be received when you select "PERSONAL".

Tip



- For details on the menu system and how to use the menu, refer to "Introducing the menu system" on page 18 and "How to use the menu" on page 19.

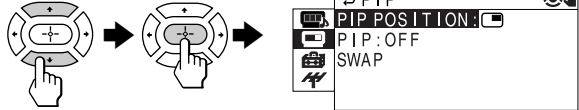
Changing the "PIP" setting


With the Picture-In-Picture (PIP) feature, you can display a sub screen within the main picture of different TV programs or video inputs.

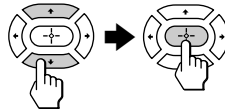





1 Press MENU.

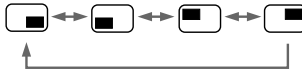
2 Press \uparrow or \downarrow to select , then press .



3 Press \uparrow or \downarrow to select the desired option (see the table below), then press .



Select	To
"PIP POSITION"	change the position of the PIP screen. Press \uparrow or \downarrow to select the desired position, then press  .
"PIP"	display a sub screen within the main picture. Press \uparrow or \downarrow to select "ON", then press  To cancel, press PIP or select "OFF", then press  .
"SWAP"	exchange program between main screen and sub-screen.



To return to the normal screen

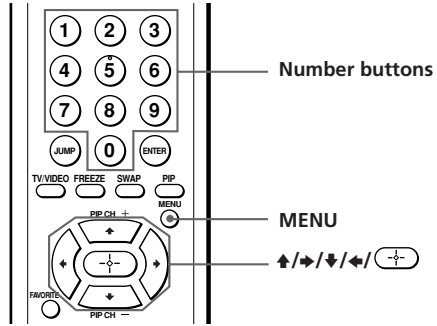
Press MENU.

Tip


- For details on the menu system and how to use the menu, refer to "Introducing the menu system" on page 18 and "How to use the menu" on page 19.

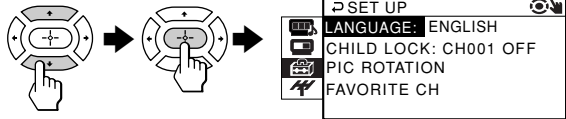
Changing the "SET UP" setting

The "SET UP" menu allows you to: change the menu language, block channels, adjust the picture position, and program your favorite channels.

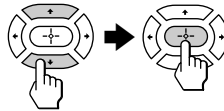


1 Press MENU.

2 Press \uparrow or \downarrow to select , then press \leftarrow .



3 Press \uparrow or \downarrow to select the desired option, then press \leftarrow .



Select	To
"LANGUAGE"	Change the menu language (see page 10).
"CHILD LOCK"	Prevent children from watching certain channels (see page 24).
"PIC ROTATION"	Adjust the picture position when it is not aligned with the TV screen. Press \uparrow or \rightarrow to adjust the position clockwise, then press \leftarrow . Press \downarrow or \leftarrow to adjust the position counterclockwise, then press \rightarrow .
"FAVORITE CH"	Program channels for direct selection (see page 25).




To return to the normal screen

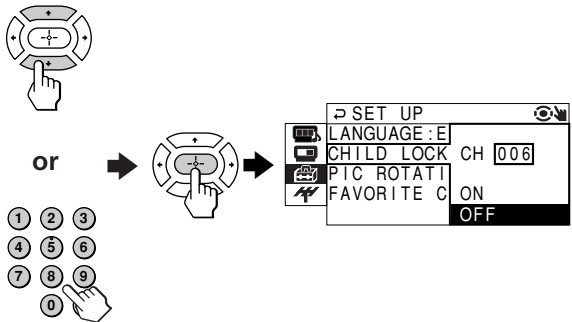
Press MENU.


continued


Changing the "SET UP" setting (continued)

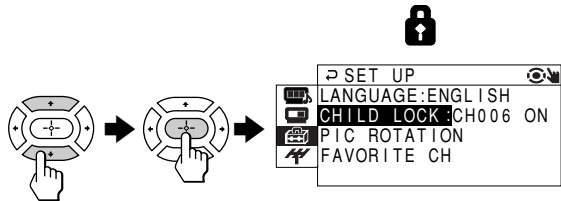
Blocking channels ("CHILD LOCK")

- 1** After selecting "CHILD LOCK", either press **↑** or **↓**, or press the number buttons (or CH +/-) to select the desired channel (e.g. CH 006), then press .

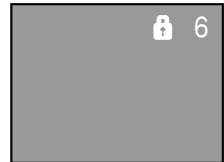


- 2** Press **↑** or **↓** to select "ON", then press . To unlock the channel, select "OFF".

The lock symbol () appears on the screen when "ON" is selected.



If a locked channel is selected, the lock symbol appears on the screen.



- 3** Repeat steps 1 and 2 to lock other channels.

To return to the normal screen

Press MENU.

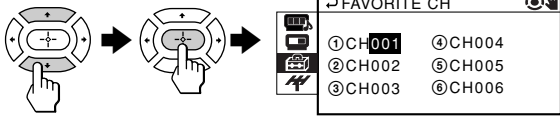
Note

- If you preset the channels automatically again, all the locked channels will be unlocked (see page 26).

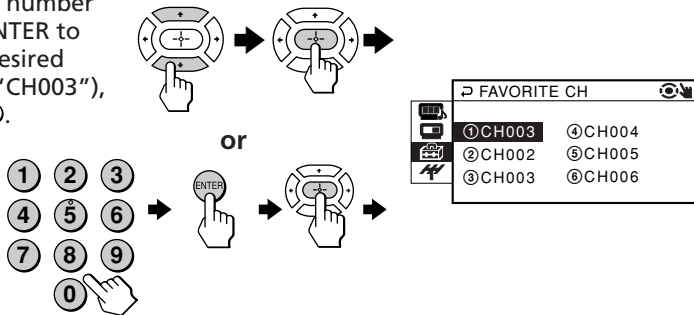
Programming your favorite channels

The "FAVORITE CH" feature enables you to program up to six channels for direct selections.

- 1** Press \uparrow or \downarrow to select "FAVORITE CH", then press \oplus twice.



- 2** Press \uparrow or \downarrow , or number buttons and ENTER to program the desired channel (e.g., "CH003"), then press \oplus .



- 3** To continue programming other favorite channels, press \uparrow or \downarrow and then press \oplus . After that, repeat step 2.

To return to the normal screen

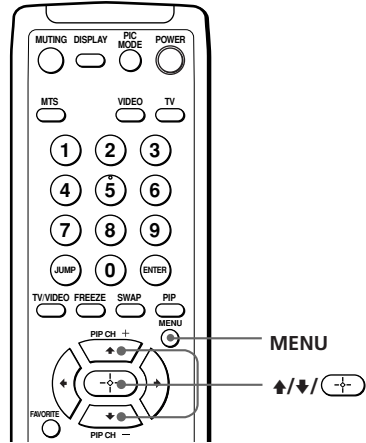
Press MENU.

Tip



- For details on the menu system and how to use the menu, refer to "Introducing the menu system" on page 18 and "How to use the menu" on page 19.

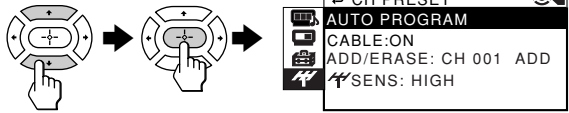
Changing the Channel Preset ("CH PRESET") setting


The "CH PRESET" menu allows you to preset channels automatically, receive cable TV programs and add or erase channels.

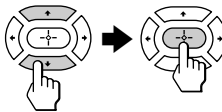


1 Press MENU.

2 Press ↑ or ↓ to select , then press .



3 Press ↑ or ↓ to select the desired option, then press .



Select	To
"AUTO PROGRAM"	preset channels automatically.
"CABLE"	receive cable TV programs.
"ADD/ERASE"	add or erase channels.
"SENS"	adjust the TV reception sensitivity.

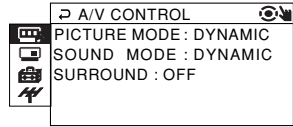
To return to the normal screen

Press MENU.

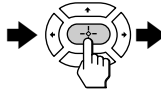
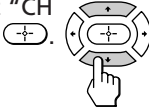
Using "CABLE ON" or "OFF" feature

- 1** Press MENU to display the menu.

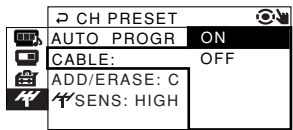
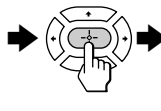
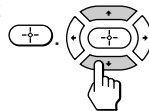
MENU



- 2** Press \uparrow or \downarrow to select "CH PRESET", then press \leftarrow .



- 3** Press \uparrow or \downarrow to select "CABLE", then press \leftarrow .



- 4** Press \uparrow or \downarrow to select "ON" or "OFF", then press \leftarrow .

- (1) If you select "CABLE : ON", you will receive cable TV program.
If there is no cable TV programs, you will receive VHF or UHF broadcast channel.
- (2) If you select "CABLE : OFF", you will receive VHF or UHF broadcast channels only.

To return to the normal screen

Press MENU.

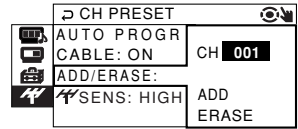
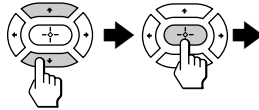
continued

Changing the Channel Preset ("CH PRESET") setting (continued)

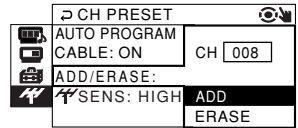
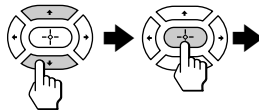
Presetting channels manually

1 You can preset each channel manually from the "CH PRESET" menu.

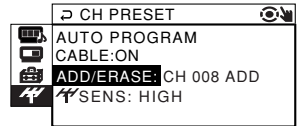
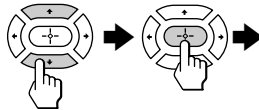
(1) Press **↑** or **↓** to select "ADD/ERASE", then press **↵**.



(2) Press **↑** or **↓** until the program number you want to add or erase (e.g., program number 008) appears on the menu, then press **↵**.



(3) Press **↑** or **↓** to select either "ADD" or "ERASE", then press **↵**.

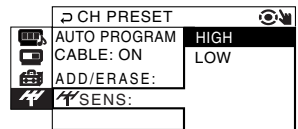
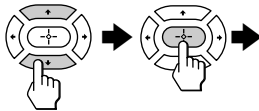


Tip

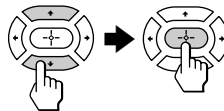
- You can also select the program number with the CH +/- or number buttons.

2 If the TV signal is too strong and the picture is distorted, you can adjust the TV reception sensitivity.

(1) Press **↑** or **↓** to select "SENS", then press **↵**.



(2) Press **↑** or **↓** to select "LOW", then press **↵**.



To return to the normal screen

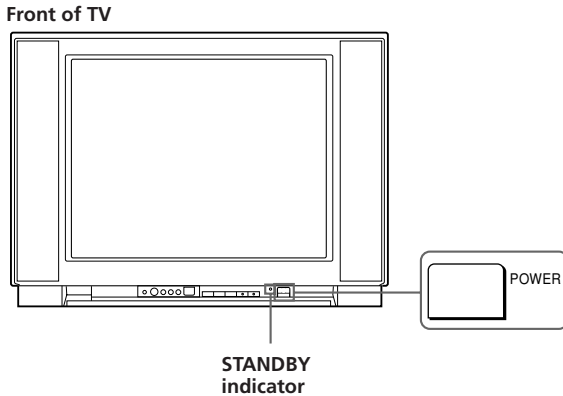
Press **MENU**.

Notes

- The TV reception sensitivity ("SENS") setting is memorized for each program number.
- If you preset the channels automatically again, all the locked channels will be unlocked (see page 24).

Self-diagnosis function

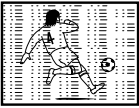







Your TV is equipped with a self-diagnosis function. If there is a problem with your TV, the STANDBY indicator flashes red. The number of times the STANDBY indicator flashes indicates the possible causes.







- 1** Check that the STANDBY indicator flashes red a number of times between 3-seconds intervals.
- 2** Count the number of times the STANDBY indicator flashes.
- 3** Press POWER to turn off your TV.
- 4** Inform your nearest Sony service center about the number of times the STANDBY indicator flashes.
Be sure to note the model name and serial number located on the rear of your TV.

Troubleshooting


If you find any problem while viewing your TV, please check the following guide. If any problem persists, contact your Sony dealer .

Symptom	Possible cause	Solutions	Page
Snowy picture 	<ul style="list-style-type: none"> The connection is loose or the cable is damaged. Channel presetting is inappropriate or incomplete. 	<ul style="list-style-type: none"> Check the antenna cable and connection on the TV, VCR and on the wall. Preset the channel again. 	<p>4</p> <p>8</p>
Noisy sound 	<ul style="list-style-type: none"> The antenna type is inappropriate. The antenna direction needs adjustment. Signal transmission is low. 	<ul style="list-style-type: none"> Check the antenna type (VHF/UHF). Contact a Sony dealer for advice. Adjust the antenna direction. Contact a Sony dealer for advice. Try using a booster. 	<p>–</p> <p>–</p> <p>–</p>
Distorted picture 	<ul style="list-style-type: none"> Broadcast signals are too strong. 	<ul style="list-style-type: none"> Display the “CH PRESET” menu and select “SENS: LOW”. Turn off or disconnect the booster if it is in use. 	<p>28</p> <p>–</p>
Noisy sound 			
No picture 	<ul style="list-style-type: none"> The power cord, antenna or VCR is not connected. The TV is not turned on. 	<ul style="list-style-type: none"> Check the power cord, antenna and the VCR connections. Press POWER on the remote. Press POWER on the TV to turn off the TV about five seconds, then turn it on again. 	<p>4</p> <p>10</p> <p>9</p>
No sound 			
Good picture 	<ul style="list-style-type: none"> The volume level is too low. The sound is muted. Broadcast signal has a transmission problem. 	<ul style="list-style-type: none"> Press VOL + or VOLUME + to increase the volume level. Press MUTING to cancel the muting. Press MTS until a better sound is heard. 	<p>9</p> <p>10</p> <p>17</p>
No sound 			

Symptom	Possible cause	Solutions	Page
Dotted lines or stripes 	<ul style="list-style-type: none"> There is local interference from cars, neon signs, hair dryers, power generators, etc. 	<ul style="list-style-type: none"> Do not use a hair dryer or other equipment near the TV. Adjust the antenna direction for minimum interference. Contact a Sony dealer for advice. 	<p>–</p> <p>–</p>
Double images or "ghosts" 	<ul style="list-style-type: none"> Broadcast signals are reflected by nearby mountains or buildings. 	<ul style="list-style-type: none"> Use a highly directional antenna. 	–
	<ul style="list-style-type: none"> The antenna direction needs adjustment. 	<ul style="list-style-type: none"> Adjust the antenna direction. Contact a Sony dealer for advice. 	–
	<ul style="list-style-type: none"> Use of a booster is inappropriate. 	<ul style="list-style-type: none"> Turn off or disconnect the booster if it is in use. 	–
No color 	<ul style="list-style-type: none"> The color level setting is too low. 	<ul style="list-style-type: none"> Display the "A/V CONTROL" menu and select "ADJUST" of "PICTURE MODE", then adjust the "COLOR" level. 	21
	<ul style="list-style-type: none"> The antenna direction needs adjustment. 	<ul style="list-style-type: none"> Adjust the antenna direction. Contact a Sony dealer for advice. 	–
Abnormal color patches 	<ul style="list-style-type: none"> The magnetic disturbance from external speakers or other equipment, or the direction of the earth's magnetic field may affect the TV. 	<ul style="list-style-type: none"> Locate external speakers or other electrical equipment away from the TV. Do not move the TV while the TV is turned on. Press POWER on the TV to turn off the TV for about five minutes, then turn it on again. 	–
TV cannot receive stereo broadcast signal.	<ul style="list-style-type: none"> The stereo reception setting is inappropriate. 	<ul style="list-style-type: none"> Press MTS until "STEREO" appears on the screen. 	17
Stereo broadcast sound switches on and off or is distorted. OR The sound switches between monaural and stereo frequently.	<ul style="list-style-type: none"> The connection is loose or the cable is damaged. 	<ul style="list-style-type: none"> Check the antenna cable and connection on the TV, VCR and on the wall. 	4
	<ul style="list-style-type: none"> The antenna direction needs adjustment. 	<ul style="list-style-type: none"> Adjust the antenna direction. Contact a Sony dealer for advice. 	–
	<ul style="list-style-type: none"> The broadcast signal has a transmission problem. 	<ul style="list-style-type: none"> Press MTS until a better sound is heard. 	17

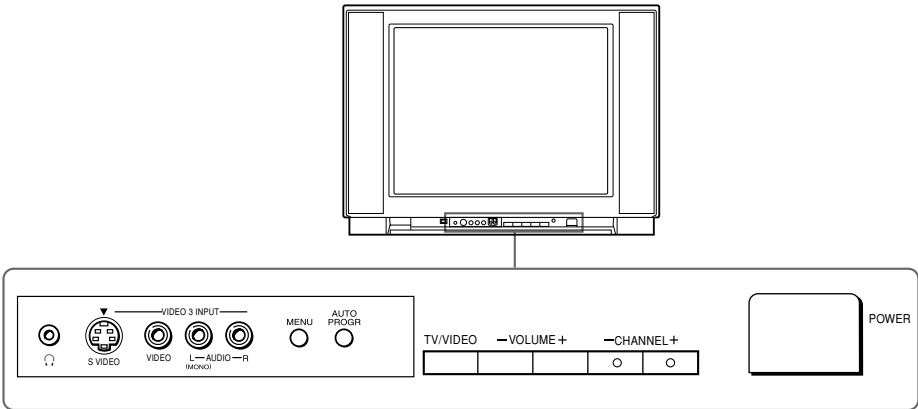
continued

Troubleshooting (continued)

Symptom	Possible cause	Solutions	Page
Picture slant 	<ul style="list-style-type: none"> The magnetic disturbance from external speakers or other equipment, or the direction of the earth's magnetic field may affect the TV. 	<ul style="list-style-type: none"> Locate external speakers or other electrical equipment away from the TV. Display the "SET UP" menu and adjust "PIC ROTATION" so that the picture is aligned to the TV screen. 	– 25
The STANDBY indicator on your TV flashes red a number of times between 3-seconds intervals.	<ul style="list-style-type: none"> Your TV may need service. 	<ul style="list-style-type: none"> Contact your nearest Sony service center. 	27
TV cabinet creaks.	<ul style="list-style-type: none"> Changes in room temperature sometimes make the TV cabinet expand or contract, making a noise. This does not indicate a malfunction. 	—	–
A small "boom" sound is heard when the TV is turned on.	<ul style="list-style-type: none"> The TV's demagnetizing function is working. This does not indicate a malfunction. 	—	–

Identifying parts and controls

Front panel



Button	Function	Page
AUTO PROGR	Preset channels automatically.	5
POWER	Turn off completely or turn on the TV.	9
CHANNEL +/-	Select program number.	9
VOLUME +/-	Adjust volume.	10
TV/VIDEO	Select TV or video input.	10
MENU	Display the menu.	19
🎧	Headphone jack.	-

Note

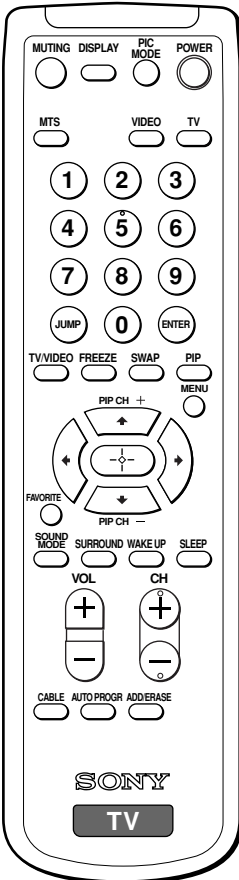
- The TV/VIDEO, CHANNEL +/-, and VOLUME +/- buttons on the TV works as the VIDEO, CH+/-, and VOL +/- buttons respectively on the remote.

continued

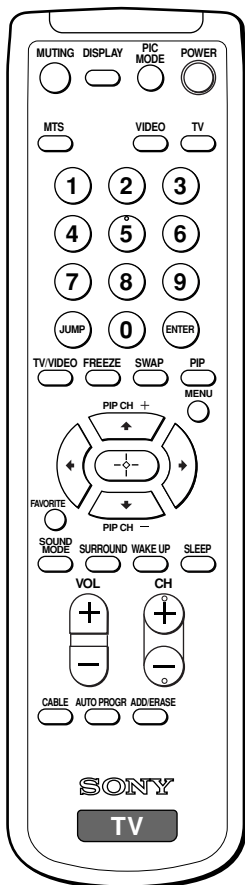
Identifying parts and controls (continued)

Remote Control

If you prefer Korean labels, you may detach the back of the supplied sticker and attach it to your remote.



Button	Function	Page
CABLE	Receive cable TV programs.	5
AUTO PROGR	Preset channels automatically.	5
ADD/ERASE	Add or erase channels.	8
POWER	Turn off temporarily or turn on the TV.	9
CH +/-	Select program number.	9
0 - 9	Input numbers.	9
ENTER	Confirm input number.	9
DISPLAY	Display on-screen information.	10
MUTING	Mute the sound.	10
TV	Display the TV program.	10
VIDEO	Select TV or video input.	10
VOL +/-	Adjust volume.	10
JUMP	Jump to previous channel.	10
Timer operations		
WAKE UP	Set TV to turn on automatically.	11
SLEEP	Set TV to turn off automatically.	11
SOUND MODE	Select sound mode.	12
PIC MODE	Select picture mode.	12
Favorite Channel operations		
FAVORITE	Display favorite channels.	13
1 - 6	Select desired channel.	13



Button	Function	Page
PIP operations		
PIP	Display the PIP screen.	14
↑ (PIP CH +), ↓ (PIP CH -)	Change program in PIP picture.	15
TV/VIDEO	Select video input for PIP picture.	15
SWAP	Swap main and PIP picture.	15
FREEZE	Freeze PIP screen.	15
SURROUND	Select surround mode.	16
Stereo/bilingual operations		
MTS	Select stereo/bilingual mode.	17
Menu operations		
MENU	Display the menu.	19
↑, ↓, ←, →, [ENTER]	Select, adjust and confirm selected items.	19

Specifications

	KV-XF29K94	KV-XF34K94	Note
Power requirements	110 - 220 V AC, 60 Hz		
Power consumption (W)	Indicated on the rear of the TV		
Television system	M		
Color system	NTSC3.58		
Stereo/Bilingual system	Korean stereo		
Channel coverage	VHF : 2 to 13 UHF : 14 to 69 CATV : 1 to 125		
⏏ (Antenna)	75-ohm external terminal		
Audio output	8W + 8W		
Number of terminal Video	Input: 4* Output: 1 Phono jacks; 1 Vp-p, 75 ohms		* Three input lines available.
Audio	Input: 4* Output: 1 Phono jacks; 500 mVrms		* Three input lines available.
S Video	Input: 2 Y: 1 Vp-p, 75 ohms, unbalanced, sync negative C: 0.286 Vp-p, 75 ohms		
🎧 (Headphone)	Output: 1 Stereo minijack		
Picture tube	29 in.	34 in.	
Tube size (cm)	72	86	Measured diagonally
Screen size (cm)	68	80	Measured diagonally
Dimensions (w/h/d,mm)	794 × 573 × 517	915 × 670 × 584	
Mass (kg)	50	81	

Design and specifications are subject to change without notice.