SONY

2-886-337-**21(1)**

FD Trinitron

WEGA®

Operating Instructions

KV-21FS120
KV-25FS120

© 2006 by Sony Corporation

Download from Www.Somanuals.com. All Manuals Search And Download.

Download from Www.Somanuals.com. All Manuals Search And Download.

WARNING

To reduce the risk of fire or electric shock, do not expose the TV to rain or moisture.

This symbol is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

This symbol is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

Note to the CATV Installer

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

SAFETY PRECAUTIONS

- ❏ Operate the TV only on 120 V AC.
- ❏ One blade of the power plug is wider than the other for safety purposes and will fit into the power outlet only one way. If you are unable to insert the plug fully into the outlet, contact your dealer.
- ❏ If any liquid or solid object falls into the TV, unplug it and have it checked by qualified personnel before operating it further.

CAUTION

When using TV games, computers, and similar products with your TV, keep the brightness and contrast functions at low settings. If a fixed (non-moving) pattern is left on the screen for long periods of time at a high brightness or contrast setting, the image can be permanently imprinted onto the screen. Continuously watching the same channel can cause the imprint of station logos onto the TV screen. These types of imprints are not covered by your warranty because they are the results of misuse.

To reduce the risk of electric shock, do not use this polarized plug with an extension cord, receptacle, or other outlet unless the blades can be fully inserted to prevent blade exposure.

Pursuant to FCC regulations you are cautioned that any changes or modifications not expressly approved in this manual could void your authority to operate this equipment.

NOTIFICATION

This equipment has been tested and found to comply with the limits for a Class B digital device pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference with radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- ❏ Reorient or relocate the receiving antennas.
- ❏ Increase the separation between the equipment and receiver.
- ❏ Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- ❏ Consult the dealer or an experienced radio/TV technician for help.

Protecting the TV

- ❏ To prevent internal heat build-up, do not block the ventilation openings.
- ❏ Do not install the TV in a hot or humid place, or in a place subject to excessive dust or mechanical vibration.

Note on Caption Vision

This television receiver provides display of television closed captioning in accordance with § 15.119 of the FCC rules. Use of this television for other than private viewing of programs broadcast on UHF or VHF or transmitted by cable companies for the use of the general public may require authorization from the broadcaster-cable company and/or program owner.

Owner's Record

The model and serial numbers are located on the front cover of this manual and at the rear of your TV.

Trademarks and Copyrights

ENERGY STAR

WEGA®, FD Trinitron and Steady Sound are registered trademarks of Sony Corporation.

Download from Www.Somanuals.com. All Manuals Search And Download.

IMPORTANT SAFEGUARDS

For your protection, please read these instructions completely, and keep this manual for future reference. Carefully observe and comply with all warnings, cautions and instructions placed on the set, or described in the operating instructions or service manual.

WARNING

To guard against injury, the following basic safety precautions should be observed in the installation, use, and servicing of the set.

Use

Power Sources

This set should be operated only from the type of power source indicated on the serial/model plate. If you are not sure of the type of electrical power supplied to your home, consult your dealer or local power company. For those sets designed to operate from battery power, refer to the operating instructions.

Grounding or Polarization

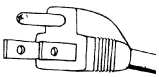
This set may be equipped with a polarized alternating current line plug (a plug having one blade wider than other). This plug will fit into the power outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug still fails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

For the set with a polarized AC power cord plug

This plug will fit into the power outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug still fails to fit, contact your electrician to have a suitable outlet installed. Do not defeat the safety purpose of the polarized plug by forcing it in.

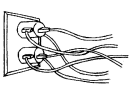
Alternate Warning

For the set with a three-wire grounding type AC plug



This plug will only fit into a grounding-type power outlet. This is a safety feature. If you are unable to insert the plug into the outlet, contact your electrician to have a suitable outlet installed. Do not defeat the safety purpose of the grounding plug.

Overloading



Do not overload wall outlets, extension cords or convenience receptacles beyond their capacity, since this can result in fire or electric shock.
Always turn the set off when it is not to be used. When the set is left unattended and unused for long periods of time, unplug it from the wall outlet as a precaution against the possibility of an internal malfunction that could create a fire hazard.
Do not disconnect the antenna or the power cord during a heavy storm. Lightning may strike while you are holding the cable or cord, causing serious injury. Turn off your TV and wait for the weather to improve.

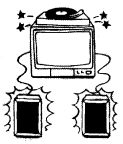
Corrosion

Use of this TV near the seashore may subject the set to excessive salt, corrosion and internal damage and result in deterioration of the TV's performance. If the set will be subjected to these conditions, steps should be taken to reduce the humidity and temperature of the area where the TV is located.

Object and Liquid Entry

Never push objects of any kind into the set through the cabinet slots as they may touch dangerous voltage points or short out parts that could result in a fire or electric shock. Never spill liquid of any kind on the set.

Attachments



Do not use attachments not recommended by the manufacturer, as they may cause hazards.
Do not place any objects, especially heavy objects, on top of the set. The object may fall from the set, causing injury.

Cleaning

Unplug the set from the wall outlet before cleaning or polishing it. Do not use liquid cleaners or aerosol cleaners. Use a cloth lightly dampened with water for cleaning the exterior of the set.

If a snapping or popping sound from a TV set is continuous or frequent while the TV is operating, unplug the TV and consult your dealer or service technician. It is normal for some TV sets to make occasional snapping or popping sounds, particularly when being turned on or off.

Installation

Always use two or more people to lift or move the set. The set is heavy and the bottom surface is flat. Serious injury can result from trying to move the set by yourself alone, or from unsteady handling.
Install the set on a stable, level surface.

Water and Moisture

Do not use power-line operated sets near water — for example, near a bathtub, washbowl, kitchen sink, or laundry tub, in a wet basement, or near a swimming pool, etc.

Accessories

Do not place the set on an unstable cart, stand, tripod, bracket, table, or shelf. The set may fall, causing serious injury to a child or an adult, and serious damage to the set.
Use only a cart or stand recommended by the manufacturer for the specific model of TV. Any mounting of the product should follow the manufacturer's instructions, and should use a mounting accessory recommended by the manufacturer. An appliance and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the appliance and cart combination to overturn.

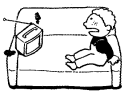
Download from Www.Somanuals.com. All Manuals Search And Download.

Ventilation

The slots and openings in the cabinet and in the back or bottom are provided for necessary ventilation. To ensure reliable operation of the set, and to protect it from overheating, these slots and openings must never be blocked or covered.

- **Never cover the slots and openings with a cloth or other materials.**

- **Never block the slots and openings by placing the set on a bed, sofa, rug or other similar surface.**



- **Never place the set in a confined space, such as a bookcase or built-in cabinet, unless proper ventilation is provided.**

- **Do not place the set near or over a radiator or heat register, or where it is exposed to direct sunlight.**

Power-Cord Protection

Do not allow anything to rest on or roll over the power cord, and do not place the set where the power cord is subject to wear or abuse.

Antennas

Outdoor Antenna Grounding

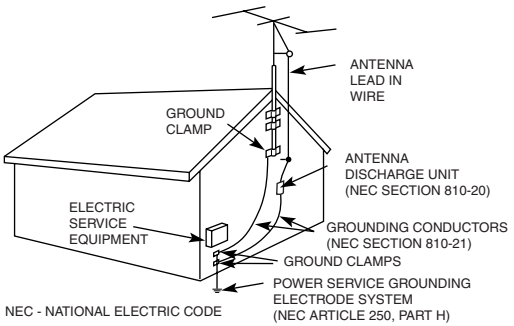
If an outdoor antenna is installed, follow the precautions below. An outdoor antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can come in contact with such power lines or circuits.

WHEN INSTALLING AN OUTDOOR ANTENNA SYSTEM, EXTREME CARE SHOULD BE TAKEN TO KEEP FROM CONTACTING SUCH POWER LINES OR CIRCUITS AS CONTACT WITH THEM IS ALMOST INVARIABLY FATAL.

Be sure the antenna system is grounded so as to provide some protection against voltage surges and built-up static charges. Section 810 of the National Electrical Code (NEC) in USA and Section 54 of the Canadian Electrical Code in Canada provides information with respect to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of grounding conductors, location of antenna discharge unit, connection to grounding electrodes, and requirements for the grounding electrode.

Antenna Grounding According to the NEC

Antenna Grounding According to the National Electrical Code, ANSI/NFPA 70.



Lightning

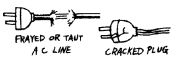
For added protection for this television receiver during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna. This will prevent damage to the receiver due to lightning and power-line surges.

Service

Damage Requiring Service

Unplug the set from the wall outlet and refer servicing to qualified service personnel under the following conditions:

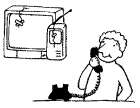
- **When the power cord or plug is damaged or frayed.**



- **If liquid has been spilled into the set or objects have fallen into the product.**

- **If the set has been exposed to rain or water.**

- **If the set has been subject to excessive shock by being dropped, or the cabinet has been damaged.**



- **If the set does not operate normally when following the operating instructions. Adjust only those controls that are specified in the operating instructions. Improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the set to normal operation.**

- **When the set exhibits a distinct change in performance — this indicates a need for service.**

Servicing

Do not attempt to service the set yourself since opening the cabinet may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.

Replacement Parts

When replacement parts are required, be sure the service technician certifies in writing that he has used replacement parts specified by the manufacturer that have the same characteristics as the original parts. Unauthorized substitutions may result in fire, electric shock, or other hazards.

Safety Check

Upon completion of any service or repairs to the set, ask the service technician to perform routine safety checks (as specified by the manufacturer) to determine that the set is in safe operating condition, and to so certify. When the set reaches the end of its useful life, improper disposal could result in a picture tube implosion. Ask a qualified service technician to dispose of the set.

Download from Www.Somanuals.com. All Manuals Search And Download.

Download from Www.Somanuals.com. All Manuals Search And Download.

Contents

Introduction

Introducing the FD Trinitron WEGA Features 1
About this Manual 2
Batteries for the Remote Control 2
Front Panel Menu Controls 2

Using the Remote Control

Remote Control Description 3

Connecting Your TV

TV Rear Panel 5
Basic Connections 6
Connecting Additional Equipment 7

Using Basic Functions

Quick Start to the Menus 16

Using the Menus

How to Access Menus 19
Using the Video Menu 20
Using the Audio Menu 21
Using the Channel Setup Menu 22
Using the Parental Control Menu 24
Parental Control 25
United States: Selecting Custom Rating Options 27
Canada: Selecting Custom Rating Options 29
Using the Timer Menu 30
Using the Setup Menu 31

Other Information

Troubleshooting 33
Specifications 36

Index 37

Download from Www.Somanuals.com. All Manuals Search And Download.

Download from Www.Somanuals.com. All Manuals Search And Download.

Introduction

Congratulations on your purchase of the Sony FD Trinitron WEGA®. Before you begin using this manual, please check the model number located on the rear of your TV or on the front cover of this manual.

Introducing the FD Trinitron WEGA® Features

Some of the features you will enjoy include:

- **FD Trinitron FLAT CRT** — Technologically advanced tube delivers a picture with uncompromising accuracy and outstanding image detail.
- **Surround** — Simulates theater quality sound for stereo programs.
- **16:9 Enhanced** — Provides enhanced picture resolution for widescreen sources such as DVD.
- **YP_BP_R Inputs** — A component video input connection for a superior picture quality.
- **Parental Control (V-Chip)** — A tool to help parents monitor what their children watch on TV by establishing rating limits.
- **Favorite Channels** — Instant access to your favorite channels with the touch of a button.
- **ENERGY STAR®** — A recognized symbol of energy efficiency.
- **Direct MTS** — Allows direct access for changing your Multi-Channel TV Sound: Stereo, Mono, or Auto SAP (Second Audio Program) with the touch of a button.
- **Front Panel Controls** — Allows access to the on-screen menus without the use of a remote control.
- **Front A/V Inputs** — A quick connection for video games, camcorders, stereo/mono equipment, or headphones.
- **Auto Mute** — A friendly feature designed to automatically mute your TV when no signal is received.

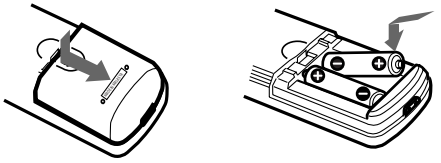
Download from Www.Somanuals.com. All Manuals Search And Download.

About this Manual

This manual provides instructions to help you enjoy your new TV. It shows you how to connect to an antenna or cable, cable box, VCR, DVD, satellite receiver, stereo system, or camcorder. Once you're connected, follow the instructions and use the remote control to access the on-screen menus.

Batteries for the Remote Control

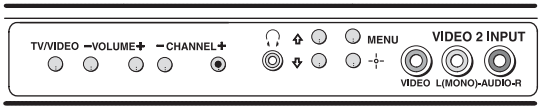
Insert two AA (R6) batteries (supplied) into the remote control using the following illustration as a guide.



✍ Under normal conditions, batteries will last up to six months. If the remote control does not operate properly, the batteries might be worn out.

✍ If you will not be using the remote control for an extended period of time, remove the batteries to avoid possible damage from battery leakage.

Front Panel Menu Controls



The front panel controls allows you to access the menu without the remote control.

- ❏ Press MENU to display the on-screen menu.
- ❏ Use the ⊕ and ⊖ buttons on the front panel instead of the ↑ and ↓ buttons on the remote control.
- ❏ Use the ⊕ button on the front panel instead of the ←, →, and ⊕ buttons on the remote control.
- ❏ Press MENU again when the setting or adjustment is complete.

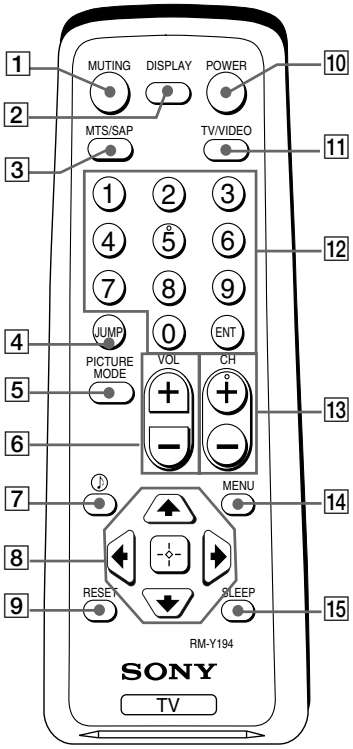
✍ The front panel controls also allows you to change the channels, adjust the volume and change the video inputs.

✍ To navigate the menus with your remote control, see "Using the Menus" on page 19.

Download from Www.Somanuals.com. All Manuals Search And Download.

Using the Remote Control

Remote Control Description



	Button	Description
1	**MUTING**	Instantly turns off the sound. Press again or press VOL + to restore the sound.
2	**DISPLAY**	Press to display the current time (if set) and channel number. Press again to turn DISPLAY off.
3	**MTS/SAP**	Cycles through the Multi-channel TV Sound (MTS) options: Stereo, Mono, and Auto SAP (Second Audio Program).
4	**JUMP**	Press to jump back and forth between two channels. The TV alternates between current channel and the last channel that was selected.
5	**PICTURE MODE**	Cycles through the available Video Mode settings.
6	**VOL (volume)**	Press when you want to adjust the volume.
7	♪	Press for a direct selection of Effect settings (Simulated, Surround, Off).
8		Moves the cursor in the on-screen menus. Press the arrow buttons to move the cursor, then press the center button to select or access an option.
9	**RESET**	Press to return to factory settings while in an on-screen menu.
10	**POWER**	Press when you want to turn the TV on or off.
11	**TV/VIDEO**	Cycles through available video inputs.
12	**0-9 and ENTER**	Change the channels directly. Press 0-9 buttons to select a channel, then press ENTER.
13	**CH (channel)**	Press when you want to change channels.
14	**MENU**	Displays the on-screen menu. Press again to exit the menu at any time.
15	**SLEEP**	Turns the TV off automatically in approximately 15, 30, 45, 60, or 90 minutes. Cancel by pressing until Sleep off appears.

✍ If you lose your remote control, see page 34.

Download from Www.Somanuals.com. All Manuals Search And Download.

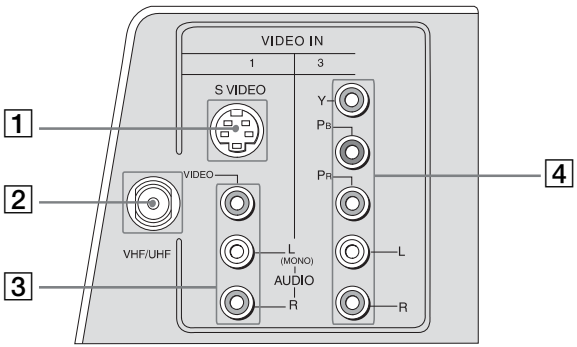
Download from Www.Somanuals.com. All Manuals Search And Download.

Connecting Your TV

Read this section before setting up your TV for the first time. This section covers basic connections in addition to any optional equipment you may be connecting.

TV Rear Panel

✍ The rear panel illustrated in this manual is for KV-25FS120. The rear panel on your TV may not look exactly like those illustrated.



Jack	Description
1 **S VIDEO**	Connects to the S VIDEO OUT jack on your VCR or other video equipment that has S VIDEO. S VIDEO provides better picture quality than the VHF/UHF jacks or the video input jack. S VIDEO does not provide sound; the audio cables must still be connected.

✍ S VIDEO is only for KV-25FS120.

2 **VHF/UHF**	Connects to your VHF/UHF antenna or cable.
3 **Video/Audio L(Mono),R**	Connects to the AUDIO and VIDEO output jacks on your VCR or other video equipment. A second video input jack (VIDEO 2) is located on the front panel of the TV. These AUDIO/VIDEO input jacks provide better picture quality than the VHF/UHF jack.
4 **YP_BP_R/L, R**	Connects to the component video YP_BP_R to AUDIO L and R output jacks on your DVD player or Digital Set-top box.

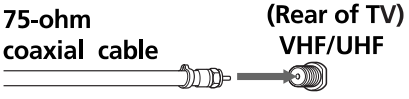
Download from Www.Somanuals.com. All Manuals Search And Download.

Basic Connections

TV with indoor or outdoor antenna, or CATV cable

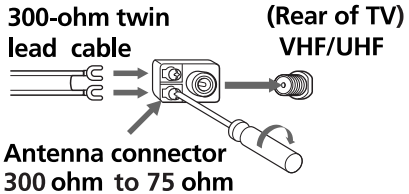
Depending on the cable available in your home, choose one of the connections below:

A **VHF only or VHF/UHF or Cable**



Use this to connect the TV to a cable system or an antenna with a 75-ohms cable.

B **VHF only or UHF only or VHF/UHF**



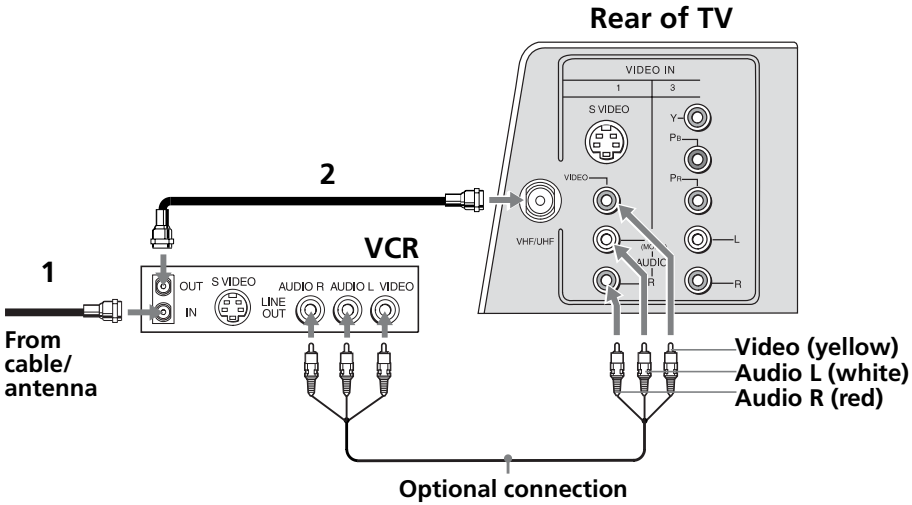
Use this to connect the TV to a dipole antenna, also known as “rabbit ears” antenna.

✍ If you are connecting to an indoor or outdoor antenna, you may need to adjust the orientation of the antenna for best reception.

Download from Www.Somanuals.com. All Manuals Search And Download.

Connecting Additional Equipment

Connecting a TV and VCR



✍ To watch video programs from your VCR, tune your TV to channel 3 or 4 (as set on the rear of your VCR).

1 Connect the coaxial cable from your TV antenna or cable service to the IN jack on your VCR.

2 Connect a coaxial cable (not supplied) from the OUT jack on your VCR to the VHF/UHF jack on the TV.

Optional connection

❏ If your VCR is equipped with video outputs, you can get better picture quality by connecting Audio/Video cables (not supplied) from AUDIO and VIDEO OUT on your VCR to AUDIO/VIDEO IN on your TV.

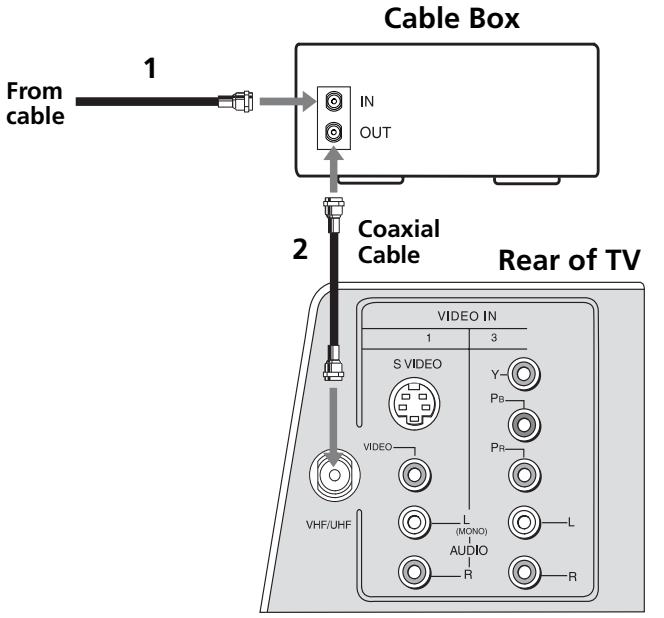
❏ For better picture quality, use S VIDEO instead of the yellow Audio/Video cable. S VIDEO does not provide sound; the audio cables must still be connected.

✍ S VIDEO is only for KV-25FS120 model.

✍ You can use the TV/VIDEO button to switch between the VHF/UHF and VIDEO inputs.

Download from Www.Somanuals.com. All Manuals Search And Download.

Connecting a TV and Cable Box



1 Connect the coaxial cable from your cable service to the IN jack on your cable box.

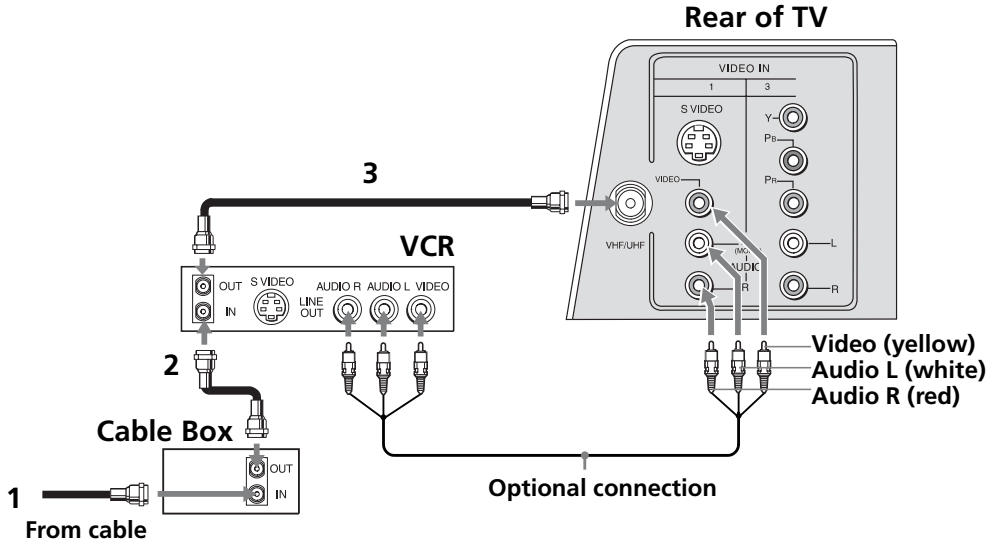
2 Connect a coaxial cable (not supplied) from the OUT jack on your cable box to the VHF/UHF jack on the TV.

Optional Connection

- ❏ To view channels from your cable box, tune your TV to channel 3 or 4 (as set on the rear panel of your cable box) and use the cable box's remote control to change channels.
- ❏ If you will be controlling all channel selection through your cable box, you should consider using the Channel Fix feature by setting your TV to channnel 3 or 4 (see page 22).

Download from Www.Somanuals.com. All Manuals Search And Download.

Connecting a TV, VCR, and Cable Box



1 Connect the coaxial cable from your cable service to the IN jack on your cable box.

2 Connect a coaxial cable (not supplied) from the OUT jack on your cable box to the IN jack on your VCR.

3 Connect a coaxial cable (not supplied) from the OUT jack on your VCR to the VHF/UHF jack on the TV.

✍ If you will be controlling all channel selection through your cable box, you should consider using the Channel Fix feature by setting your TV to channel 3 or 4 (see page 22).

Optional connection

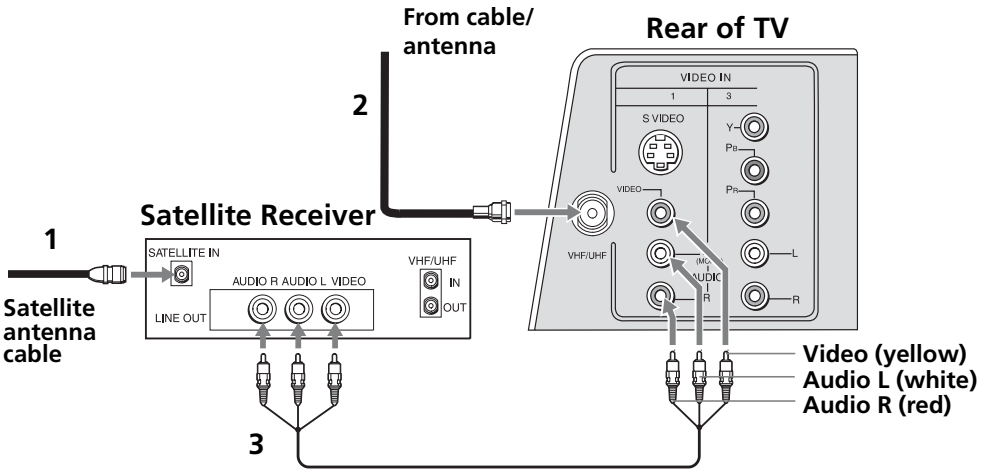
- ❏ If your VCR is equipped with video outputs, you can get better picture quality by connecting Audio/Video cables (not supplied) from Audio and Video OUT on your VCR to Audio/Video IN on your TV.
- ❏ For better picture quality, use S VIDEO instead of the yellow Audio/Video cable. S VIDEO does not provide sound; the audio cables must still be connected.

✍ S VIDEO is only for KV-25FS120 model.

✍ You can use the TV/VIDEO button to switch between the VHF/UHF and VIDEO inputs.

Download from Www.Somanuals.com. All Manuals Search And Download.

Connecting a TV and Satellite Receiver



1 Connect the cable from your satellite antenna to SATELLITE IN on your satellite receiver.

2 Connect the coaxial cable from your cable service or antenna to the VHF/UHF jack on your TV.

3 Using audio/video cables (not supplied), connect AUDIO and VIDEO OUT on your satellite receiver to AUDIO and VIDEO IN on your TV.

✍ To watch video programs from your Satellite receiver, tune your TV to channel 3 or 4.

Optional Connection

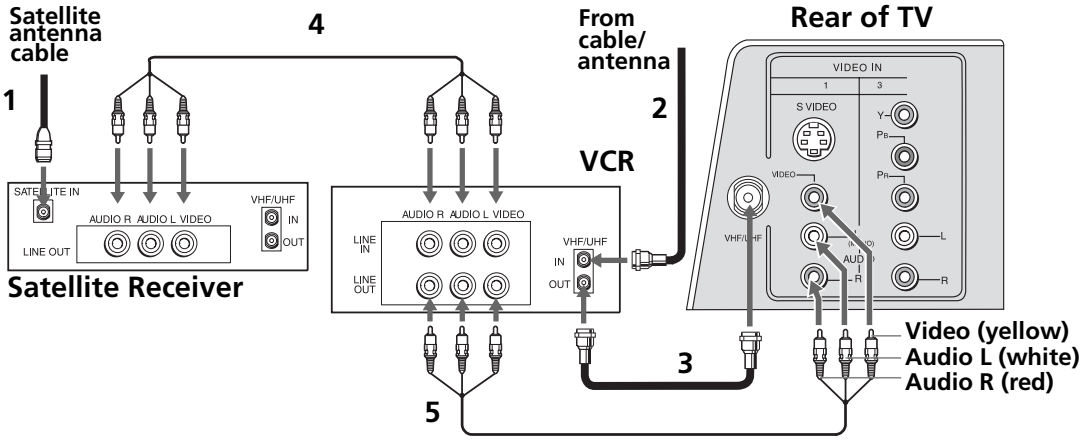
❑ For better picture quality, use S VIDEO instead of the yellow audio/video cable. S VIDEO does not provide sound; the audio cables must still be connected.

✍ S VIDEO is only for KV-25FS120 model.

✍ You can use the TV/VIDEO button to switch between the VHF/UHF and VIDEO inputs.

Download from Www.Somanuals.com. All Manuals Search And Download.

Connecting a TV, Satellite Receiver, and VCR



1 Connect the cable from your satellite antenna to SATELLITE IN on the satellite receiver.

2 Connect the coaxial cable from your cable service or antenna to the IN jack on your VCR.

3 Using a coaxial cable (not supplied), connect the OUT jack on your VCR to the VHF/UHF jack on your TV.

4 Using audio/video cables (not supplied), connect AUDIO and VIDEO OUT on your satellite receiver to AUDIO and VIDEO IN on your VCR.

5 Using audio/video cables (not supplied), connect AUDIO and VIDEO OUT on your VCR to AUDIO and VIDEO IN on your TV.

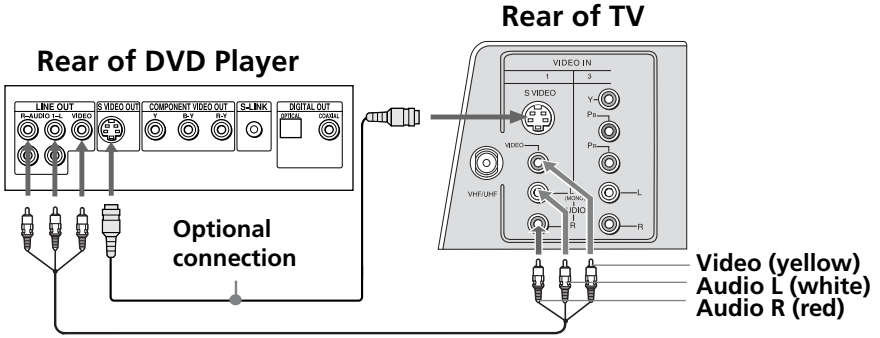
Optional Connection

❏ To view from the satellite receiver or VCR, select the video input to which your satellite receiver or VCR is connected by pressing TV/VIDEO on the remote control.

Download from Www.Somanuals.com. All Manuals Search And Download.

Connecting a DVD Player using Composite Video (Video/Audio L(Mono), R)

Using audio/video cables (not supplied), connect AUDIO/VIDEO OUT on your DVD player to AUDIO/VIDEO IN on your TV.

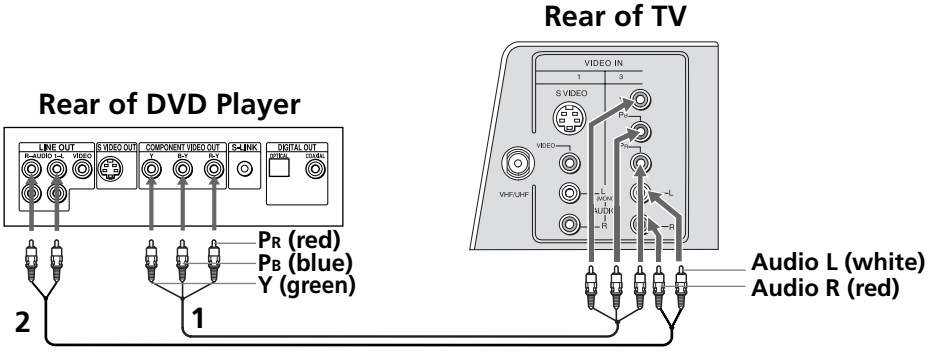


Optional connection

❏ For better picture quality, use S VIDEO instead of the yellow audio/video cable. S-VIDEO does not provide sound, so you still must connect the audio cables.

Connecting a DVD Player using Component Video (YPBPR)

❏ If your DVD player is equipped with component video outputs (YPBPR/L, R), you can improve the picture quality by using component video cables (480i only).



1 Using component video cables (not supplied), connect the YPBPR OUT on your DVD player to YPBPR IN on your TV.

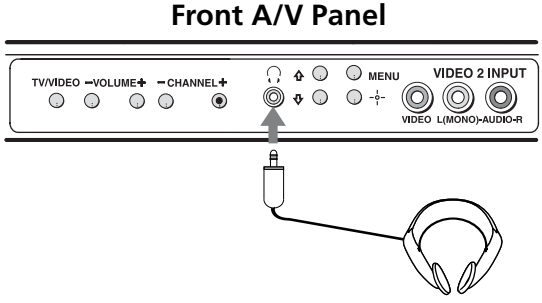
2 Connect AUDIO OUT on your DVD player to AUDIO IN on your TV.

✍ The YPBPR outputs on your DVD player are sometimes labeled Y, CB, and CR or Y, B-Y, and R-Y. If so, connect the cables to like colors.

Download from Www.Somanuals.com. All Manuals Search And Download.

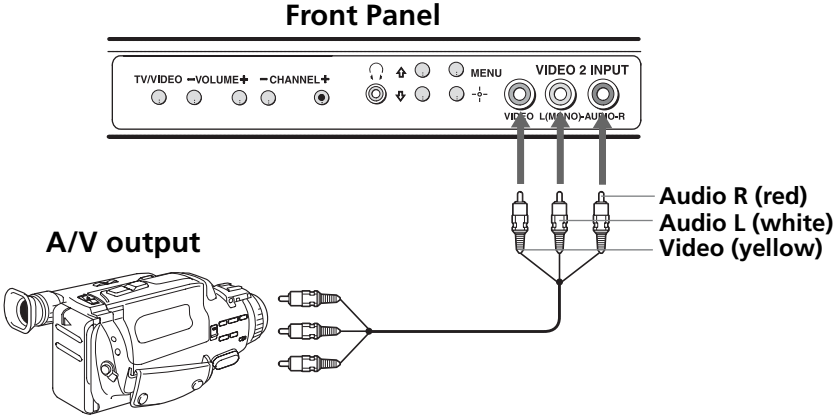
Connecting Headphones

Connect the headphones to the 🎧 jack on the front of your TV. Headphone jack is STEREO.



Connecting a Camcorder

Using audio/video cables (not supplied), connect AUDIO and VIDEO OUT on your camcorder to AUDIO and VIDEO IN on your TV.



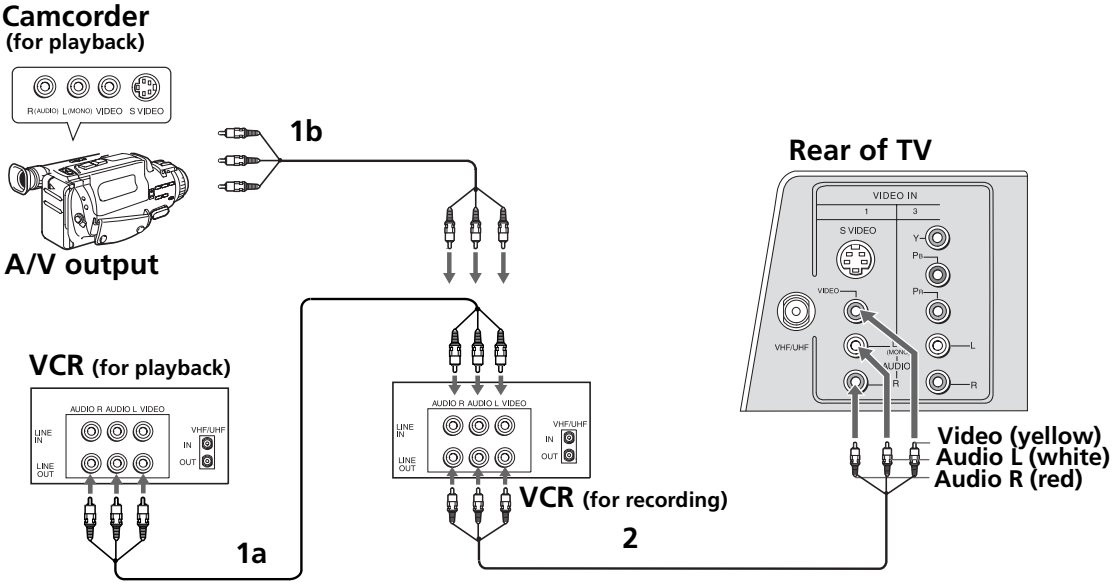
Optional Connection

❑ For better picture quality, use S VIDEO on the rear panel instead of the yellow audio/ video cable. S VIDEO does not provide sound; the audio cables must still be connected.

✍ S VIDEO is only for KV-25FS120 model.

Download from Www.Somanuals.com. All Manuals Search And Download.

Connecting for Video Tape Editing (VCR and Camcorder)



1 For video tape editing connect to the VCR the following sources (VCR or Camcorder):

a) Using audio/video cables (not supplied), connect AUDIO/VIDEO OUT on your first VCR to AUDIO/VIDEO IN on your second VCR

b) Using audio/video cables (not supplied), connect the AUDIO/VIDEO OUT on your Camcorder to the AUDIO/VIDEO IN on your second VCR

2 Using audio/video cables (not supplied), connect AUDIO/VIDEO OUT on the second VCR to the AUDIO/VIDEO IN on your TV.

Download from Www.Somanuals.com. All Manuals Search And Download.

Using Basic Functions

Setting Up the TV

After you have finished connecting your TV, you can use Auto Program to set up your channels. During Auto Program, the TV will automatically search for available channels and program receivable channels.

✍ When you start Auto Program wait until it is finished; otherwise it will skip over channels that are available. Perform Auto Program again to program receivable channels.

1 Press POWER to turn on the TV. The Initial Setup screen appears.

2 Press CH + on the remote control or on the TV front panel to start Auto Program, or press CH – to exit.

✍ The Initial Setup screen appears each time you turn on the TV until you perform Auto Program.

To perform Auto Program again

1 Press MENU.

2 Press → to highlight Channel Menu.

3 Press ↓ to highlight Cable. Press ⊕ to select.

4 Press ↑ or ↓ to highlight On or Off according to how you connected your TV. Press ⊕ to select.

5 Press ↓ to highlight Auto Program. Press ⊕ to search for channels.

6 After Auto Program finishes, press MENU to exit.

To reset the TV to factory settings

1 Turn the TV on.

2 Hold down RESET on the remote control.

3 Press and release the POWER button on the TV front panel. The TV will turn itself off, then back on.

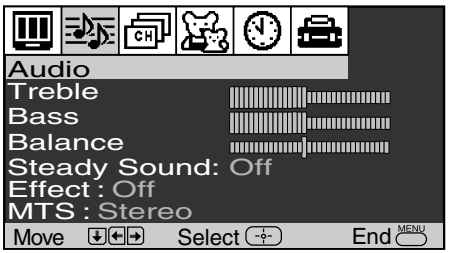
4 Release RESET.

Download from Www.Somanuals.com. All Manuals Search And Download.

Quick Start to the Menus

The following settings are available in your on-screen menus.

✍ The menus illustrated in this manual are for the model KV-25FS120, and your on-screen menus may look different.

Menu	Allows you to
	Make adjustments to your picture settings.
	Change your audio settings.
	Customize your channel settings.

Basic Functions

Download from Www.Somanuals.com. All Manuals Search And Download.

Menu	Allows you to
	Set rating limits on your TV based on a program's rating or content.
	Set the clock on your TV and program scheduled viewing using Timer 1 and Timer 2.
	Select closed captioning options, display the name of the currect program and its remaining time, label video inputs, adjust tilt correction (available only for KV-25FS120), select menu languages, or run a demo of the menus.

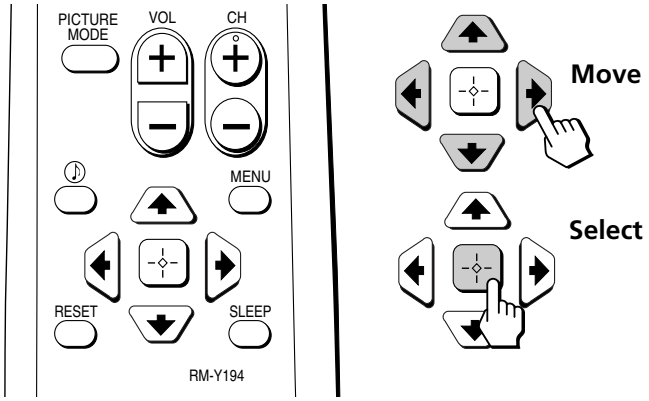
Download from Www.Somanuals.com. All Manuals Search And Download.

Download from Www.Somanuals.com. All Manuals Search And Download.

Using the Menus

This section shows the options available for setting up and adjusting your TV.

Using the Remote Control to Navigate on the On-Screen Menus



To navigate on the on-screen menus, use the "arrow" buttons (↑ , ↓ , ← , →) to move the cursor. Pressing these arrows will cause the cursor to move in the corresponding direction. Pressing center button ⊕ will allow you to select an option.

How to Access Menus

To Access a Menu

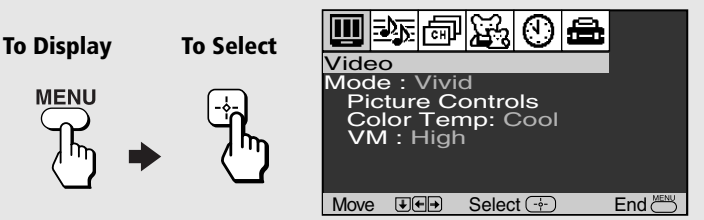
1. Press MENU to display the on-screen menu.
2. Use the ← or → buttons to highlight the desired menu icon. Press ⊕ to select it.
3. Use the ↑ or ↓ buttons to scroll up and down through the features.
4. Follow the instructions on the screen.
5. For instructions on using a specific menu, see the page in this section that talks about that menu.
6. Press MENU to exit the menu.

✍ Press MENU once to display the on-screen menu, and press again to return to normal viewing. If no buttons are pressed, the menu closes automatically after about 90 seconds.

Download from Www.Somanuals.com. All Manuals Search And Download.

Using the Video Menu

To access the Video menu, refer to the following steps:



Picture Controls Menu

Press ↓ to highlight an option, then ⊕.

Mode
Customized picture viewing

Use the ↑ or ↓ buttons to highlight one of the following options, then press ⊕ to select it.

Vivid: Select for enhanced picture contrast and sharpness.
Standard: Select for a standard picture.
Movie: Select for a finely detailed picture.
Pro: Select for natural picture and sharpness.

✍ Press PICTURE MODE on the remote control for direct access to the picture modes (Vivid, Standard, Movie, Pro).

Picture Control

With the Picture Controls menu open, press ↑ or ↓ to select one of the following option:

Picture: Press ← to decrease the contrast. Press → to increase contrast.
Brightness: Press ← to darken the picture. Press → to brighten the picture.
Color: Press ← to decrease color saturation. Press → to increase color saturation.
Hue: Press ← to increase the red tones. Press → to increase the green tones.
Sharpness: Press ← to soften the picture. Press → to sharpen the picture.

Color Temp.
White color tint adjustment

Use the ↑ or ↓ buttons to select from one of the following options:

Cool: Gives the white colors a blue tint.
Neutral: Gives the white colors a neutral tint.
Warm: Gives the white colors a red tint.

VM
Velocity Modulation

Sharpens picture definition to give objects a sharp clean edge (available only for KV-25FS120). Use the ↑ or ↓ buttons to select from one of the following options: **Off**, **High**, **Low**.

Download from Www.Somanuals.com. All Manuals Search And Download.

Using the Audio Menu

To access the Audio menu, refer to the following steps:

Press ↓ to highlight an option, then ⊕.

Treble	Press ← to decrease the higher pitched sounds. Press → to increase the higher pitched sounds.
Bass	Press ← to decrease the lower pitched sounds. Press → to increase the lower pitched sounds.
Balance	Press ← to emphasize the left speaker. Press → to emphasize the right speaker.
Steady Sound	Use the ↑ or ↓ buttons to highlight one of the following options, then press ⊕ to select it. **On:** Select to stabilize the volume when changing the channels. **Off:** Select to turn Steady Sound Off.
Effect	Use the ↑ or ↓ buttons to highlight one of the following options, then press ⊕ to select it. **Simulated:** Simulates theater quality sound for mono programs. **Surround:** Simulates theater quality sound for stereo programs. **Off:** Provides normal stereo or mono reception.

✍ Press ♪ to directly select Effect settings (Simulated, Surround, Off).

MTS *Multi-Channel TV Sound*	Use the ↑ or ↓ buttons to highlight one of the following options, then press ⊕ to select it. **Stereo:** Select when viewing a broadcast in stereo. **Auto SAP:** Select to have the TV automatically switch to a Second Audio Program (SAP) when a signal is received. **Mono:** Select to reduce noise in areas of poor reception.

✍ Press MTS/SAP to directly select MTS settings (Stereo, Auto SAP, Mono).

✍ If your TV is set to Auto SAP, some programs may be muted or distorted. If your TV does not output sound, change your Audio MTS setting to Stereo or Mono.

Download from Www.Somanuals.com. All Manuals Search And Download.

Using the Channel Setup Menu

To access the Channel Setup menu, refer to the following steps:

To Display **To Highlight** **To Select**

Press ↓ to highlight an option, then ⊕.

Favorite Channels
Quick access to favorite channels

Press → to open the Favorite Channels menu:

1. Use the ↑ or ↓ buttons to select the position (1-5) where you want to set a favorite channel, then press ⊕.
2. Using the ↑ or ↓ button, select the desired channel.
3. Press ⊕ to change to the channel selected.
4. Press ← to return to the Channel Setup menu or press MENU to exit.

✍ To use Favorite Channels: Exit all menus and press ⊕. Press ↑ or ↓ to move the cursor to the desired channel number and press ⊕.

Cable

On: Select if you are receiving cable channels with a CATV cable.

Off: Select if you are using a TV antenna.

✍ After changing your cable settings, you will need to perform Auto Program. When Channel Fix is set, you will not be able to use your Cable settings.

Channel Fix

2-6: Select when you want to control all channel selection through a cable box or VCR. Select the appropriate channel (usually 3 or 4) and use the cable box's or VCR's remote control for channel selection.

Video 1: Select from available video inputs when you have connected video equipment (e.g. satellite receiver) and you want your TV fixed to it.

Off: Channel Fix is not set.

✍ You cannot use Favorite Channels, Channels Skip/Add, or Channel Cable with Channel Fix is set.

Auto Program

Press → to perform Auto Program.
The TV will scan through all available channels and program receivable channels.

Menus

Download from Www.Somanuals.com. All Manuals Search And Download.

Channel Skip/Add

Use this feature after you run Auto Program to skip unwanted channels or add new ones. Press ➡ to open the Channel Skip/Add menu:

1. Use the ⬆ or ⬇ buttons to select the position of the desired channel, then press ⊕.
2. Use the ⬆ or ⬇ buttons to select Skip or Add, then press ⊕.
3. Press ⬅ to return to the Channel Setup menu or press MENU to exit.

✍ Pressing CH+ or CH- will skip over channels that have been skipped. You can still use the ⓪-⑨ buttons to directly tune to skipped channels.

Channel Label

Label up to 40 channels with their call letters

Press ➡ to open the Channel Label menu:

1. Press ⊕, then press ⬆ or ⬇ until you reach the desired channel number. Press ⊕ to activate the channel.
2. Press ⊕, then use the ⬆ or ⬇ button to display the first call letter or number of the caption, then press ⊕ to select it. When finished, press ⊕ to activate.

Download from Www.Somanuals.com. All Manuals Search And Download.

Using the Parental Control Menu

To access the Parental Control menu, refer to the following steps:

Press ↓ to highlight an option; then press ⊕.

In the Parental Control menu, you will be asked to set a 4-digit password for any further access into Parental Control.

1 Press ⊕, then use the 0-9 buttons to enter a 4-digit password.

✍ Keep this manual in a safe place. If you forget your password, see page 33.

2 Confirm your password by entering it again.

Once your password is set correctly, the next Parental Control menu appears. For future access to this menu, use your password. A password is needed every time you want to access Parental Control menu.

Download from Www.Somanuals.com. All Manuals Search And Download.

Parental Control

Setting the Rating

You can change the Rating by selecting one of the Lock options.

1 With **Lock** highlighted, press ⊕.

If you are not familiar with the Parental Guidelines rating system, use one of the following preselected categories to simplify the rating selections: Child, Youth, Young Adult.

2 Use the ↑ or ↓ buttons to select the desired rating, then press ⊕.

Rating	TV will allow a maximum rating of
Child	TV-Y, TV-G, G (U.S. models only), G (Canadian models only)
Youth	TV-PG, PG (U.S. models only), PG (Canadian models only)
Young Adult	TV-14, PG-13 (U.S. models only), 14+ (Canadian models only)
Custom	Select to set more restrictive ratings (see next section)
Off	No rating limit

Changing your Password

1 Use the ↑ or ↓ button to move the cursor to Change Password and press ⊕.

2 Follow steps 1 and 2 for "Using the Parental Control Menu" on page 24.

Information for Parents

To view a program that exceeds the TV rating

❑ Press ENT, then use the 0-9 buttons to enter your password.

✍ Entering your password to view a blocked program will temporarily turn Lock to Off. To reactivate your Lock settings, turn the TV off. When you turn the TV on, your Lock settings are restored.

Download from Www.Somanuals.com. All Manuals Search And Download.

Using the Custom Menu

Before setting Custom ratings, see pages 24-25, “Overview of the Ratings,” for a description of the available rating systems.

Follow the instructions on the screen to make your custom settings. Select the country desired for your TV’s rating limit. See page 27 for U.S. models and page 29 for Canadian models for more information.

✍ Once you have blocked a rating or content, all higher ratings or content will be automatically blocked.

Download from Www.Somanuals.com. All Manuals Search And Download.

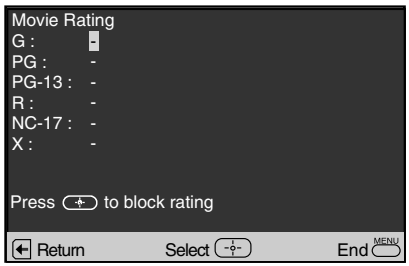
United States: Selecting Custom Rating Options

For the United States, the Custom Rating menu includes the following options: Movie Rating, TV Rating and Unrated. (For Canada, see page 29.)

Movie Rating

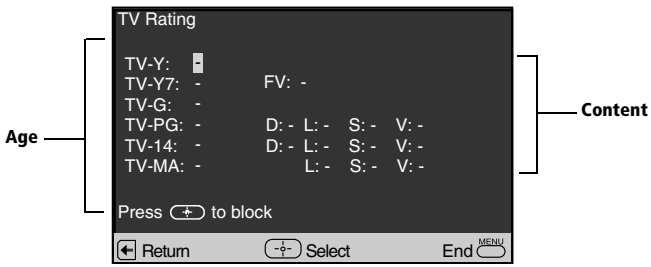
This system defines the rating levels of movies shown in theaters and on prime cable channels.

Rating	Defined as
G	General audience
PG	Parental guidance suggested
PG-13	Parents strongly cautioned
R	Restricted
NC-17	No one 17 and under admitted
X	Adult audience only



TV Rating

The TV rating is divided into two groups: age-based and content-based.



Download from Www.Somanuals.com. All Manuals Search And Download.

Age	Defined as
TV-Y	All children
TV-Y7	Directed to older children
TV-G	General audience
TV-PG	Parental guidance suggested
TV-14	Parents strongly cautioned
TV-MA	Mature audience only

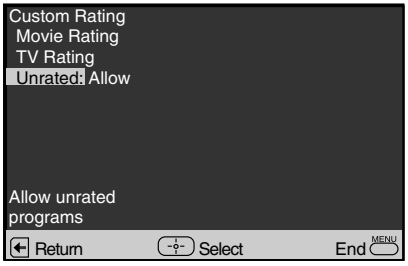
Content	Defined as
FV	Fantasy violence
D	Suggestive dialogue
L	Strong language
S	Sexual situations
V	Violence

✍ The content ratings will increase depending on the level of the age-based rating. For example, a program with a TV-PG V (Violence) rating may contain moderate violence, while a TV-14 V (Violence) rating may contain intense violence.

Unrated

You have the option of blocking TV programs or movies that are not rated.

Allow	Allows all unrated programs
Block	Blocks all unrated programs



✍ If you choose to block unrated TV programs, please be aware that the following programs may be blocked: emergency broadcasts, political programs, pro, news, public service announcements, religious programs, and weather.

Download from Www.Somanuals.com. All Manuals Search And Download.

Canada: Selecting Custom Rating Options

For Canada, the Custom Rating menu includes the following options: English Rating, French Rating, and U.S.A. Rating.

English Rating

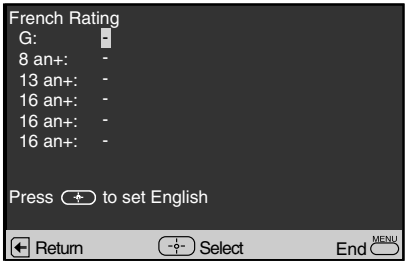
These ratings are for Canadian programs that are broadcast in English.

Rating	Defined as
C	Children
C8+	Children 8 years and older
G	General programming
PG	Parental guidance
14+	Viewers 14 and older
18+	Adult programming

French Rating

These ratings are for Canadian programs that are broadcast in French.

Rating	Defined as
G	General
8 ans+	Not recommended for younger children
13 ans+	Not recommended for children under age 13
16 ans+	Not recommended for ages under 16
18 ans+	This program is restricted to adults



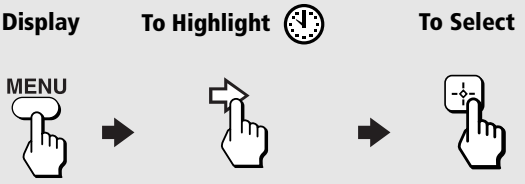
U.S.A. Rating

For programs from the United States, see "TV Rating" on page 27.

Download from Www.Somanuals.com. All Manuals Search And Download.

Using the Timer Menu

To access the Timer menu, refer to the following steps:



Press ↓ to highlight an option, then press ⊕.

Current Time Set your TV to the current day and time.

Press → to open Current Time menu:

1 Use the ↑ or ↓ button to enter the day and time, then press ⊕.

2 Press MENU to exit the menu.

✍ You must set the Current Time before you can use Timer 1 and Timer 2.

Timer 1 and Timer 2
Scheduled viewing

Use your timers settings to program your TV by day, time, duration and channel. The timer's duration is maximum of 6 hours. When the channel is fixed, it is not necessary to set the channel.

With the menu open, set cursor on Timer 1 or Timer 2:

1 Press ↑ or ↓ to select Timer 1 or Timer 2, then press ⊕.

2 Press ↑ or ↓ to enter the desired day, time, duration and channel, then press ⊕. The Timer status should be On when the Timer has been set.

3 Press MENU to exit the menu.

✍ You can set the Timer to On, Off, or Set. Once the timer is set, you can turn it On or Off without having to go through the settings. When you set Timer 1 or Timer 2, a red light on the front panel of your TV will turn on.

✍ When you perform Auto Program, Timer 1 and Timer 2 settings will be cleared. Also, in the event of any loss of power, Current Time and Timer 1 and Timer 2 settings will be cleared.

Download from Www.Somanuals.com. All Manuals Search And Download.

Using the Setup Menu

To access the Setup menu, refer to the following steps:

Press ↓ to highlight an option, then press ⊕.

Caption Vision *Closed-Captioning*	Allows you to select from three closed caption modes (for programs that are broadcast with closed caption). Press ↑ or ↓ to select one of the following options: **CC1, 2, 3, 4:** Displays printed dialogue and sound effects of a program. **Text1, 2, 3, 4:** Displays network/station information. **Off:** Caption Vision is not activated.
Info Banner	Displays the name of the current program and its remaining time (if available) when you change the channel or press the DISPLAY button. Use the ↑ or ↓ buttons to highlight one of the following options: **On, Off**. Then press ⊕.
Video Label *Label connected equipment*	Allows you to label the audio/video components you connected to the TV: VHS, DVD, etc. When you press TV/VIDEO to switch inputs, the Video Label will display on-screen. Press → to open the Video Label menu: **1** Press ↑ or ↓ to access the input you want to label and press ⊕. **2** Press ↑ or ↓ to choose a label and press ⊕.
Tilt Correction	Press → to open Tilt Correction: Press ↑ or ↓ to correct any tilt of the picture from –5 to +5, then press ⊕ to activate and return to the Setup menu. (Available only for KV-25FS120).
Language	Display all menus in the language of your choice. Use the ↑ or ↓ buttons to select desired language and press ⊕.
16:9 Enhanced	Provides enhanced picture resolution for wide-screen sources such as DVD. This is only available when the TV is in Video mode.

Download from Www.Somanuals.com. All Manuals Search And Download.

Download from Www.Somanuals.com. All Manuals Search And Download.

Other Information

Troubleshooting

If you have a problem with your TV, try the suggestions below. If the problem persists, see "Contacting Sony" at the end of this section.

General

Problem	Possible Remedies
I want to reset the TV to the factory settings	❑ Turn on the TV. While holding down the RESET button on the remote control, press POWER button on the TV front panel. The TV will turn itself off, then back on again. Release the RESET button.
The TV is dirty	❑ Clean the TV with a soft dry cloth. Never use strong solvents such as thinner or benzine, which might damage the finish of the cabinet.
I lost the parental control password	❑ In the password screen, enter the following master password: 4357. After using the master password, you must create a new password. You cannot use the master to unlock currently blocked channels.
There is a black box on the screen	❑ You have selected a text option in the Setup menu (page 31) and no text is available. To turn off this feature, select Off in the Caption Vision option. If you were trying to select closed captioning, select CC1-4 instead of Text1-4.
There was a blackout or power outage, and now the TV won't turn on and the timer LED is flashing	❑ Press the POWER button on your remote control or on the TV front panel.
Digital cable box does not work	❑ Be sure that you have not connected the digital cable box to the TV's jack. This jack is not compatible with digital cable boxes. ❑ If you are connecting a VCR and digital cable box using a splitter, as described in pages 9, you must use a special bi-directional splitter that is designed to work with your digital cable box.

Download from Www.Somanuals.com. All Manuals Search And Download.

Remote Control

Problem	Possible Remedies
I cannot operate the remote control	❏ Check the orientation of the batteries. ❏ Batteries could be weak. Replace them (page 2). ❏ Move the TV three to four feet away from fluorescent lights.
I cannot change channels with the remote control	❏ Make sure you have not inadvertently switched your TV from the channel 3 or 4 setting if you are using another device to change channels.
I lost the remote control	❏ You can use the front panel controls to access your menus, change channels, adjust the volume, or change video inputs (page 2). Contact your nearest Sony Dealer to order a replacement, please call our Sony Direct Accessory and Part Center at 1-800-488-7669 (U.S. residents only).

Video

Problem	Possible Remedies
No picture, no sound	❏ Make sure the power cord is plugged in. ❏ If a red light is flashing on the front of your TV for more than a few minutes, disconnect and reconnect the power cord. If the problem continues, call your local service center. ❏ Check the TV/VIDEO setting: when watching TV, set it to TV; when watching video equipment, set it to VIDEO 1, 2 or 3 (page 3). ❏ Try another channel to rule out station trouble.
Poor or no picture, good sound	❏ Adjust the **Picture** setting in the Video menu (page 20). ❏ Adjust the **Brightness** setting in the Video menu (page 20). ❏ Check the antenna and/or cable connections (page 6).
No color	❏ Adjust the **Color** setting in the Video menu (page 20).
Only snow appears on the screen	❏ Check the **Cable** setting in the Channel menu (page 22). ❏ Check the antenna and/or cable connections (page 6). ❏ Make sure the channel selected is currently broadcasting.
Dotted lines or stripes	❏ Adjust the antenna. ❏ Move the TV away from other electronic equipment. Some electronic equipment creates electrical noise, which can interfere with TV reception.
Double images or ghosts	❏ Check your outdoor antenna or call your cable service.

Download from Www.Somanuals.com. All Manuals Search And Download.

Audio

Problem	Possible Remedies
Good picture, no sound	❏ Press MUTING so that Muting disappears from the screen (page 3). ❏ Check your Audio settings. Your TV may be set to Auto SAP in the MTS feature (page 21). ❏ Adjust your TV's volume.
Low or no audio (TV and Cable box)	❏ Some cables boxes have volume level controls. Check and see if your cable box or cable box remote has a volume control.

Channels

Problem	Possible Remedies
I cannot receive higher number channels (UHF) when using an antenna	❏ Make sure **Cable** is set to Off in the Channel menu (page 22). ❏ Perform Auto Program to add channels that are not presently in the memory (page 15).
Cable stations don't seem to work	❏ Make sure **Cable** is set to On in the Channel menu (page 22). ❏ Perform Auto Program to add channels that are not presently in the memory (page 15).

Contacting Sony

If you have additional questions, service needs, or technical assistance related to the use of your Sony TV, please visit our website:

http:/www.sony.com/TVsupport

Download from Www.Somanuals.com. All Manuals Search And Download.

Specifications

For all models (except as noted)

Television system	American TV standard/NTSC
Channel coverage	VHF: 2-13/UHF: 14-69/CATV: 1-125
Antenna	75-ohm external antenna terminal for VHF/UHF
Picture tube	FD Trinitron® tube
Power requirements	120V, 60 Hz
Supplied Accessories	Size AA (R6) batteries (2) Remote Control RM-Y194 (1) Dipole antenna (1) EAC-65 U/V mixer (1)
Optional Accessories	Connecting cables VMC-810S/820S, VMC-720M, YC-YC-15V/30V, RK74A EAC-66 U/V mixer
KV-21FS120	
Screen size	Visible screen size: 20 inches (507 mm) measured diagonally Actual screen size: 21 inches (533.4 mm) measured diagonally
Inputs	1 video, 1 audio (front) 1 video, 1 audio (back) 1 YP_BP_R, 1 audio (back) 1 RF (back)
Outputs	1 headphone jack (front)
Speaker output	10 W x 2
Power Consumption	140 W in use Less than 1 W in standby
Dimensions (W/H/D)	631 x 468 x 490.5 mm ($24\frac{7}{8}$ x $18\frac{3}{8}$ x $19\frac{1}{4}$ in.)
Mass	25.2 kg (55 lbs. 9 oz.)
KV-25FS120	
Screen size	Visible screen size: 24 inches (598 mm) measured diagonally Actual screen size: 25 inches (635 mm) measured diagonally
Inputs	1 video, 1 audio (back) 1 video, 1 audio (front) 1 YP_BP_R, 1 audio (back) 1 S VIDEO (back) 1 RF (back)
Outputs	1 headphone jack (front)
Speaker output	10 W x 2
Power Consumption	165 W in use Less than 1 W in standby
Dimensions (W/H/D)	718 x 526.5 x 480 mm ($28\frac{1}{4}$ x $20\frac{3}{4}$ x $18\frac{7}{8}$ in.)
Mass	32.8 kg (72 lbs. 5 oz.)

Design and specifications are subject to change without notice.

Download from Www.Somanuals.com. All Manuals Search And Download.

Index

16:9 Enhanced 31

A

Auto Program 15, 22
Auto SAP 21

B

Batteries Installation 2
Brightness 20

C

Cable 22
Caption Vision 31
Channel Fix 22
Channel Label 23
Channel Setup Menu 22
Channel Skip/Add 23
Color 20
Connections
- Cable and antenna 6
- Connecting a Camcorder 13
- Connecting a DVD Player 12
- Connecting Headphones 13
- Connecting Your TV 5
- Connecting a TV and Satellite Receiver 10
- Connecting a TV and VCR 7
- Connecting a TV, Satellite Receiver, and VCR 11
- Connecting a TV, VCR, and Cable Box 9

Current Time 30

F

Favorite Channels 22
Front A/V Panel (see TV Front Panel) 2

H

Hue 20

L

Language 31

M

Menus 19
- Audio 21
- Channel Setup 22
- Parental Control 24
- Setup Menu 31
- Timer 30
- Video 20

MTS
- Auto SAP 21
- Mono 21
- Stereo 21

P

Parental Control 24
Parental Control Menu 24
Picture 20
Picture Control 20
Picture Controls
- Brightness 20
- Color 20
- Hue 20
- Picture 20
- Sharpness 20

R

Ratings
- English Rating 29
- French Rating 29
- Movie Rating 27
- TV Rating 27
- U.S.A. Rating 29
- Unrated 28

Remote Control 3

S

Setup Menu 31
Specifications 36
Stereo 21

T

Tilt Correction 31
Timer 1 and Timer 2 30
Timer Menu 30
Troubleshooting 33
TV Features 1
TV Front Panel 2
TV Rating 27
TV Rear Panel 5

V

Video Label 31
Video Menu 20
VM 20

Download from Www.Somanuals.com. All Manuals Search And Download.

Download from Www.Somanuals.com. All Manuals Search And Download.

Download from Www.Somanuals.com. All Manuals Search And Download.

Sony Corporation
http://www.sony.net

Printed in U.S.A.

Download from Www.Somanuals.com. All Manuals Search And Download.

Free Manuals Download Website

http://myh66.com

http://usermanuals.us

http://www.somanuals.com

http://www.4manuals.cc

http://www.manual-lib.com

http://www.404manual.com

http://www.luxmanual.com

http://aubethermostatmanual.com

Golf course search by state

http://golfingnear.com

Email search by domain

http://emailbydomain.com

Auto manuals search

http://auto.somanuals.com

TV manuals search

http://tv.somanuals.com