

SERVICE DIVISION

400 Valley Road, Suite 201 Mount Arlington, NJ 07856 TEL: 1-800-SAMSUNG (1-800-726-7864)

www.samsungusa.com



LTN1565 LTN1765

TFT-LCD TELEVISION

Owner's Instructions





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



This symbol indicates high voltage is present inside. It is dangerous to make any kind of contact with any inside part of this product.



This symbol alerts you that important literature concerning operation and maintenance has been included with this product.

Note to CATV system installer: This reminder is provided to call CATV system installer's attention to Article 820-40 of the National Electrical Code (Section 54 of Canadian Electrical Code, Part I), 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.

Caution: FCC/CSA regulations state that any unauthorized changes or modifications to this equipment may void the user's authority to operate it.

Caution: To prevent electric shock, match the wide blade of plug to the wide slot, and fully insert the plug.

Attention: pour eviter les chocs electriques, introduire la lame le plus large de la fiche dans la borne correspondante de la prise et pousser jusqu'au fond.

Important: One Federal Court has held that unauthorized recording of copyrighted TV programs is an infringement of U.S. copyright laws.

Certain Canadian programs may also be copyrighted and any unauthorized recording in whole or in part may be in violation of these rights.

To prevent damage which may result in fire or electric shock hazard, do not expose this appliance to rain or moisture.

Thank You for Choosing Samsung

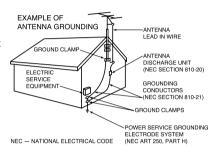
Thank you for choosing Samsung! Your new Samsung TV represents the latest in television technology. We designed it with easy-to-use on-screen menus and closed captioning capabilities, making it one of the best products in its class. We are proud to offer you a product that will provide convenient, dependable service and enjoyment for years to come.

Important Safety Information

Always be careful when using your TV receiver. To reduce the risk of fire, electrical shock, and other injuries, keep these safety precautions in mind when installing, using, and maintaining your machine.

- · Read all safety and operating instructions before operating your TV.
- Keep the safety and operating instructions for future reference.
- Heed all warnings on the TV receiver and in the operating instructions.
- Follow all operating and use instructions.
- Unplug the TV receiver from the wall outlet before cleaning. Use a damp cloth; do not use liquid or aerosol cleaners.
- Never add any attachments and/or equipment without approval of the manufacturer.
 Such additions can increase the risk of fire, electric shock, or other personal injury.
- Do not use the TV receiver where contact with or immersion in water is a possibility, such as near bath tubs, sinks, washing machines, swimming pools, etc.
- Do not place the TV on an unstable cart, stand, tripod, bracket, or table where it can fall. A falling TV can cause serious injury to a child or adult, and serious damage to the appliance. Use only with a cart, stand, tripod, bracket, or table recommended by the manufacturer or sold with the TV. Follow the manufacturer's instructions when mounting the unit, and use a mounting accessory recommended by the manufacturer. Move the TV and cart with care. Quick stops, excessive force, and uneven surfaces can make the unit and cart unsteady and likely to overturn.
- Provide ventilation for the TV receiver. The unit is designed with slots in
 the cabinet for ventilation to protect it from overheating. Do not block these openings with any object,
 and do not place the TV receiver on a bed, sofa, rug, or other similar surface. Do not place it near a
 radiator or heat register. If you place the TV receiver on a rack or bookcase, ensure that there is
 adequate ventilation and that you've followed the manufacturer's instructions for mounting.
- Operate your TV receiver only from the type of power source indicated on the marking label. If you are not sure of the type of power supplied to your home, consult your appliance dealer or local power company.
- Use only a grounded or polarized outlet. For your safety, this TV is equipped with a polarized
 alternating current line plug having one blade wider than the other. This plug will fit into the power
 outlet only one way. If you are unable to insert the plug fully into the outlet, try reversing the plug.
 If the plug still does not fit, contact your electrician to replace your outlet.
- Protect the power cord. Power supply cords should be routed so that they won't be walked on or
 pinched by objects placed on or against them. Pay particular attention to cords at plugs, convenience
 receptacles, and the point where they exit from the unit.

- Unplug the TV from the wall outlet and disconnect the antenna or cable system during a lightning storm or when left unattended and unused for long periods of time. This will prevent damage to the unit due to lightning and power-line surges.
- Avoid overhead power lines. An outside antenna system should not be placed in the vicinity of
 overhead power lines or other electric light or power circuits or where it can fall into such power
 lines or circuits. When installing an outside antenna system, be extremely careful to keep from
 touching the power lines or circuits. Contact with such lines can be fatal.
- Do not overload the wall outlet or extension cords. Overloading can result in fire or electric shock.
- Do not insert anything through the openings in the unit, where they can touch dangerous voltage points or damage parts. Never spill liquid of any kind on the TV.
- Ground outdoor antennas. If an outside antenna or cable system is connected to the TV, be sure the antenna or cable system is grounded so as to provide some protection against voltage surges and built-up static charges. Section 810 of the National Electrical Code, ANSI/NFPA No.70-1984, provides information about 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.



- Do not attempt to service the TV yourself. Refer all servicing to qualified service personnel. Unplug the unit from the wall outlet and refer servicing to qualified service personnel under the following conditions:
 - when the power-supply cord or plug is damaged
 - if liquid has been spilled on the unit or if objects have fallen into the unit
 - if the TV has been exposed to rain or water
 - if the TV does not operate normally by following the operating instructions
 - if the TV has been dropped or the cabinet has been damaged
 - when the TV exhibits a distinct change in performance
- If you make adjustments yourself, adjust only those controls that are covered by the operating instructions. Adjusting other controls may result in damage and will often require extensive work by a qualified technician to restore the TV to normal.
- When replacement parts are required, be sure the service technician uses replacement parts specified
 by the manufacturer or those that have the same characteristics as the original part.
 Unauthorized substitutions may result in additional damage to the unit.
- Upon completion of any service or repairs to this TV, ask the service technician to perform safety checks to determine that the TV is in a safe operating condition.
- Keep all power adaptors apart. Possible fire hazard.
- Keep the power adaptor away from any other heater. Possible fire hazard.
- Remove and discard the plastic cover from the power adaptor before use.
 Possible fire hazard.
- · Always keep the power adaptor in a well-ventilated area.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference that may cause undesired operation.

This television receiver provides display of television closed captioning in accordance with §15.119 of the FCC rules.

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Chapter 1

YOUR NEW TV

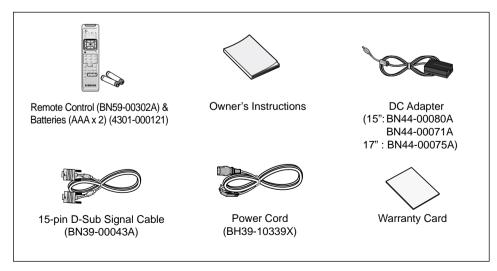
List of Features

Your TV was designed with the latest technology. This TV is a high-performance unit that includes the following special features:

- Easy-to-use remote control
- Easy-to-use on-screen menu system
- Adjustable picture and sound settings that can be stored in the TV's memory
- Automatic channel tuning for up to 181 channels
- A special filter to reduce or eliminate reception problems
- Fine tuning control for the sharpest picture possible
- A built-in multi-channel sound decoder for stereo and bilingual listening
- Built-in, dual channel speakers
- A special sleep timer
- Headphone jack for private listening

Accessories

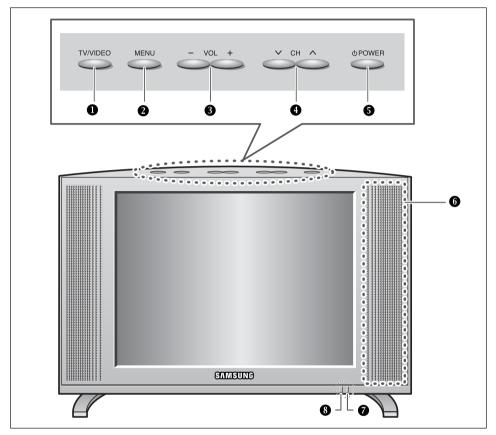
Please make sure the following items are included with your LCD TV. If any items are missing, contact your dealer.



Familiarizing Yourself with The TV

Top Panel Buttons

The buttons on the top panel control your TV's basic features, including the on-screen menu. To use the more advanced features, you must use the remote control.



- TV/VIDEO
 - Press to display all of the available video sources.
- **2** MENU

Press to see an on-screen menu of your TV's features.

6 - VOL +

Press to increase or decrease the volume. Also used to select items on the on-screen menu.

A V CH ^

Press to increase or decrease the channel number.
Also press to highlight various items on the on-screen menu.

6 DOWER

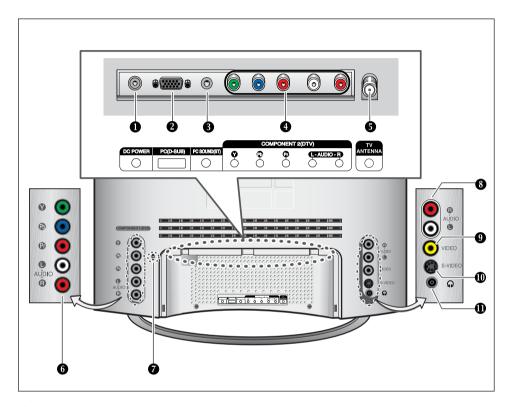
Press to turn the TV on and off.

- **6** SPEAKER
- **POWER INDICATOR**Lights up when you turn the power off.
- REMOTE CONTROL SENSOR Aim the remote control towards this spot on the TV.

Rear Panel Jacks

Use the rear panel jacks to connect an A/V component, such as a VCR or a DVD player.

For more information on connecting equipment, see pages 2.1 - 2.8.



POWER INPUT CONNECTOR

2 PC VIDEO INPUT

Connect to the video output port on your PC.

6 PC AUDIO INPUT

Connect to the audio-output jacks on your PC.

4 COMPONENT 2(DTV)

Connect a component video/audio from a Set-Top Box.

5 TV ANTENNA

Connect to an antenna or to a cable TV system.

6 COMPONENT 1(DVD)

Connect a component video/audio from a DVD player.

9 KENSINGTON LOCK

(See page A.1)

3 AUDIO INPUT

Connect audio signal(L/R) from a camcorder or VCR.

9 VIDEO INPUT

Connect a video signal from a camcorder or VCR.

10 SUPER VIDEO INPUT

Connect an S-Video signal from a camcorder or VCR.

1 HEADPHONE

Connect a set of external headphones to this jack for private listening.

Remote Control

You can use the remote control up to about 23 feet from the TV When using the remote, always point it directly at the TV.

- 1 Power (Page 3.1) Turns the TV on and off.
- **2 TV/VIDEO** (Page 3.11) Press to display all of the available video sources.
- **3 P.STD** (Page 3.8) Adjust the TV picture by selecting one of the preset factory settings (or select your personal, customized picture settings).
- **PC** (Page 5.1) Press to switch to the PC mode.
- Displays the main on-screen

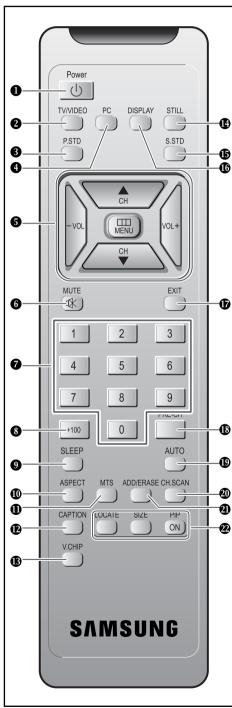
menu.

- VOL / VOL +

Press to increase or decrease the volume. (Also used to make selections on the on-screen menus.)

CH ▲ / CH ▼ (Channel Up/Down) Press CH▲ or CH▼ to change channels. (Also used to highlight selections on the on-screen menus.)

- **6 MUTE** (Page 3.6) Press to temporarily cut off the sound.
- NUMBER BUTTONS Press to select channels directly on the TV.
- **3 +100** (Page 3.5) Press to select channels over 100. For example, to select channel 121, press "+100," then press "2" and "1."
- 9 SLEEP (Page 4.6) Press to select a preset time interval for automatic shutoff.
- **MASPECT** (Page 4.3) Press to change the screen size.
- MTS (Page 4.4) (Multichannel Television Stereo) Press to choose stereo, mono or Separate Audio Program (SAP broadcast).
- Press to set caption on/off.
- **(B)** V.CHIP (Page 4.10~4.14) Press to set up and activate the parental locks.
- STILL (Page 4.3) Press to stop the action during a particular scene. Press again to resume normal video.



- S.STD (Page 3.10) Adjust the TV sound by selecting one of the preset factory settings (or select your personal, customized sound settings).
- **DISPLAY** (Page 3.1) Press to display the current channel and the audio-video settings.
- Press the menu to exit.
 When the PIP is active, press the Exit button to turn PIP off.
- PRE-CH (Page 3.5) Tunes to the previous channel.
- AUTO (Page 5.8) Press to self-adjust to the incoming video signal. The values of fine, coarse and position are adjusted automatically. (It does work only in PC mode.) It works only in PC full- screen mode. It does not work when the PIP is active.
- ② CH.SCAN (Page 3.3) Press to memorize (scan) the available channels.
- ADD/ERASE (Page 3.5) Press to add or erase channels in the TV's memory. It works only in PC full- screen mode. It does not work when the PIP is active.

2 PIP CONTROLS

(Page 4.8~4.9)

LOCATE

Press to move the PIP window to any of the four corners of the TV screen.

Press to make the PIP window double, large or small.

PIP ON

SIZE

Activates picture in picture window directly in PC mode.

It is available in PC mode only It does not work on other screen.

Push PIP ON button to switch the PIP source: PC + ant -> PC + Video -> PC + S-Video.

If the PIP is active, the sound of PC mode is switched to the sound of the PIP screen.

To turn PIP off, press the Exit button.

Chapter 2

INSTALLATION

Connecting VHF and UHF Antennas

If your antenna has a set of leads that look like this, see "Antennas with 300-ohm Flat Twin Leads," below.



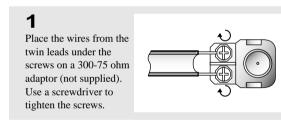
If your antenna has one lead that looks like this, see "Antennas with 75-ohm Round Leads," on page 2.2.

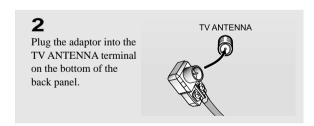


If you have two antennas, see "Separate VHF and UHF Antennas," on page 2.2.

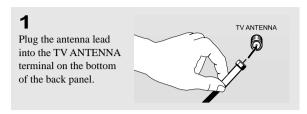
Antennas with 300-ohm Flat Twin Leads

If you are using an off-air antenna (such as a roof antenna or "rabbit ears") that has 300-ohm twin flat leads, follow the directions below.



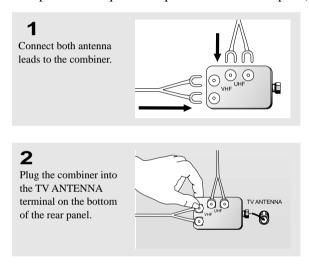


Antennas with 75-ohm Round Leads



Separate VHF and UHF Antennas

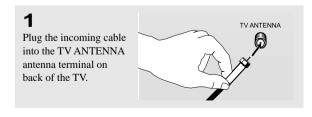
If you have two separate antennas for your TV (one VHF and one UHF), you must combine the two antenna signals before connecting the antennas to the TV. This procedure requires an optional combiner-adaptor (available at most electronics shops).



Connecting Cable TV

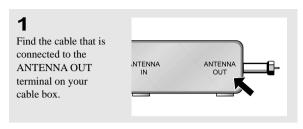
To connect to a cable TV system, follow the instructions below.

Cable without a Cable Box

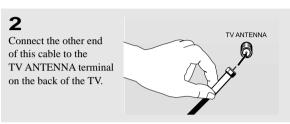


■ Because this TV is cable-ready, you do not need a cable box to view unscrambled cable channels.

Connecting to a Cable Box that Descrambles All Channels

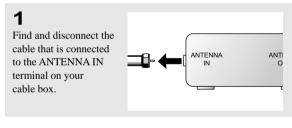


This terminal might be labeled "ANT OUT," "VHF OUT," or simply, "OUT.".

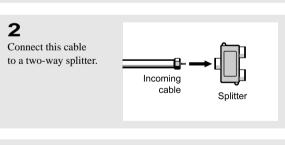


Connecting to a Cable Box that Descrambles Some Channels

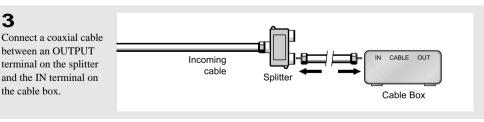
If your cable box descrambles only some channels (such as premium channels), follow the instructions below. You will need a two-way splitter, an RF (A/B) switch, and four lengths of coaxial cable. (These items are available at most electronics stores.)

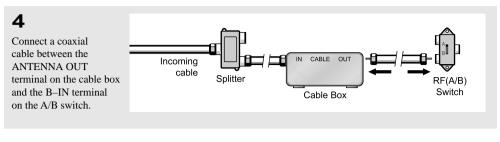


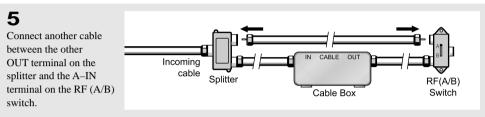
This terminal might be labeled "ANT IN," "VHF IN," or simply, "IN.".

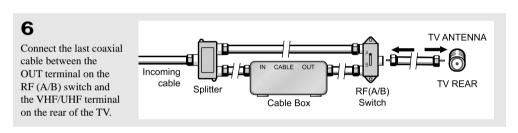


3





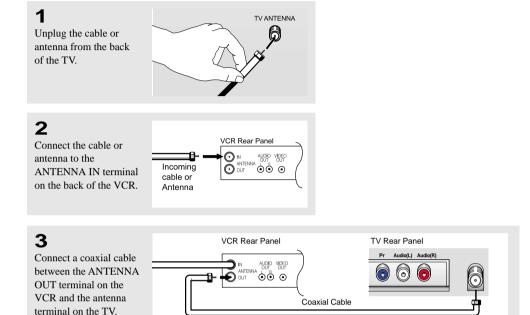




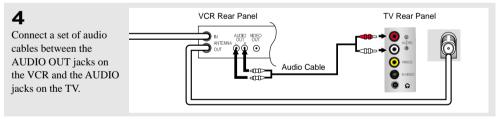
After you've made this connection, set the A/B switch to the "A" position for normal viewing. Set the A/B switch to the "B" position to view scrambled channels. (When you set the A/B switch to "B," you will need to tune your TV to the cable box's output channel, which is usually channel 3 or 4.)

Connecting a VCR

These instructions assume that you have already connected your TV to an antenna or a cable TV system (according to the instructions on pages 2.1-2.3). Skip step 1 if you have not yet connected to an antenna or a cable system.

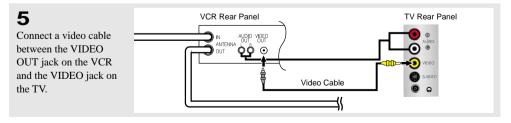


A coaxial cable is usually included with a VCR. (If not, check your local electronics store).



If you have a "mono" (non-stereo) VCR, use the Y-connector (not supplied) to hook up to the left and right audio input jacks of the TV.

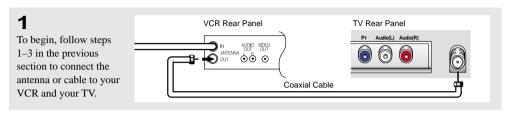
If your VCR is stereo, you must connect two cables.

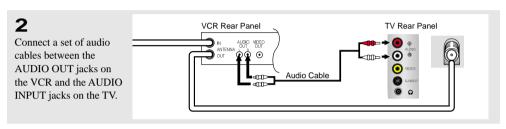


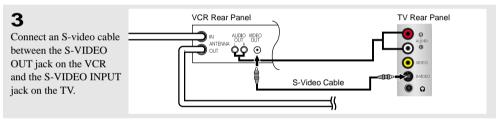
Follow the instructions in "Viewing a VCR or Camcorder Tape" to view your VCR tape.

Connecting an S-VHS VCR

Your Samsung TV can be connected to an S-Video signal from an S-VHS VCR. (This connection delivers a better picture as compared to a standard VHS VCR.)



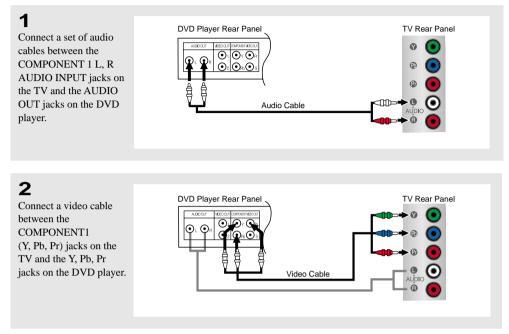




An S-Video cable is usually included with an S-VHS VCR. (If not, check your local electronics store.)

Connecting a DVD Player

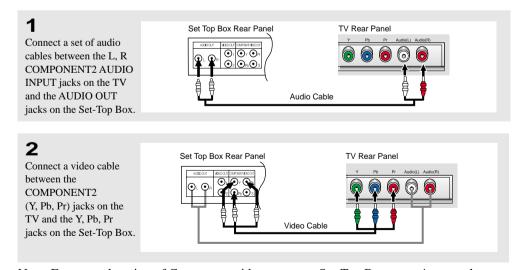
The rear panel jacks on your TV make it easy to connect a DVD player to your TV.



Note: For an explanation of Component video, see your DVD player owner's manual.

Connecting a Digital TV Set-Top Box

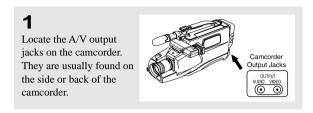
The connections for a typical set-top box are shown below.

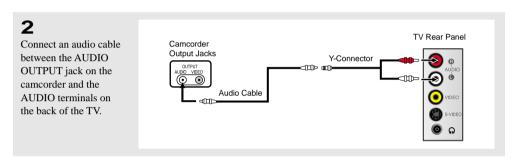


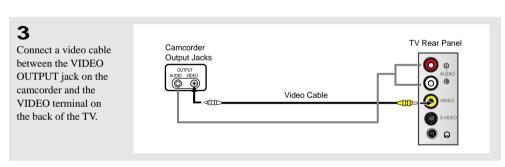
Note: For an explanation of Component video, see your Set-Top Box owner's manual.

Connecting a Camcorder

The jacks on your TV make it easy to connect a camcorder. They allow you to view the camcorder tapes without using a VCR.







The audio-video cables shown here are usually included with a Camcorder. (If not, check your local electronics store.) If your camcorder is stereo, you need to connect a set of two cables.

Installing Batteries in the Remote Control



2Install two AAA size batteries.



■ Make sure to match the "+" and "—" ends of the batteries with the diagram inside the compartment.



Remove the batteries and store them in a cool, dry place if you won't be using the remote control for a long time.

The remote control can be used up to about 23 feet from the TV.

(Assuming typical TV usage, the batteries last for about one year.)

Chapter 3

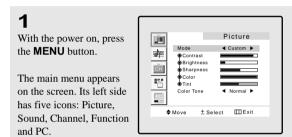
OPERATION

Turning the TV On and Off

Press the **Power** button on the remote control. You can also use the Power button on the top panel.

Viewing the Menus and On-Screen Displays

Viewing the Menus



The on-screen menus disappear from the screen after about thirty seconds.

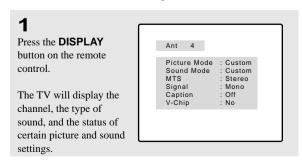
2
Use the CH▲ and CH▼ buttons to select one of the 5 icons.
Then press VOL+ to access the icon's sub-menu.

3
Press the MENU button to exit the menu.

▼ You can also use the Menu, CHANNEL, and VOLUME buttons on the control panel of the TV to make selections.

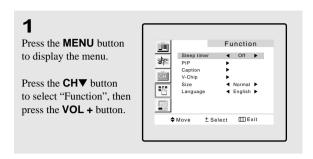
Viewing the Display

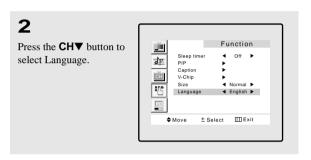
The display identifies the current channel and the status of certain audio-video settings.



■ The on-screen displays disappear after about ten seconds.

Selecting a Menu Language





3
Press the VOL + button to select the appropriate language:
English, Español, Français or Português.

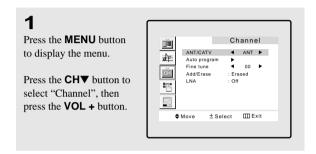
4
Press the MENU button to exit the menu.

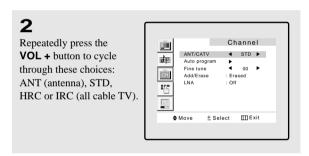
Memorizing the Channels

Your TV can memorize and store all of the available channels for both "off-air" (antenna) and cable channels. After the available channels are memorized, use the CH▲ and CH▼ buttons to scan through the channels. This eliminates the need to change channels by entering the channel digits. There are three steps for memorizing channels: selecting a broadcast source, memorizing the channels (automatic) and adding and deleting channels (manual).

Selecting the Video Signal-source

Before your television can begin memorizing the available channels, you must specify the type of signal source that is connected to the TV (i.e., an antenna or a cable system).





Note: STD, HRC and IRC identify various types of cable TV systems. Contact your local cable company to identify the type of cable system that exists in your particular area.

At this point the signal source has been selected. Proceed to "Storing Channels in Memory" (next page).

OPERATION

Storing Channels in Memory (Automatic Method)

Channel

▶ 00 **▶**

Off

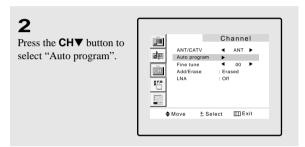
± Select

◀ STD ▶

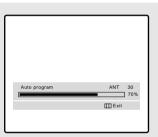
Ⅲ Exit

First, select the correct signal source (ANT, STD, HRC, IRC). See steps 1~2 on previous page. Press the MENU button.

Press the **CH▼** button to select "Channel", then press the **VOL +** button.



3Press the **VOL +** button.
The TV will begin memorizing all of the available channels.



4

After all the available channels are stored, the Auto program menu reappears. Press the $\bf MENU$ button to exit the menu.

■ The TV automatically cycles through all of the available channels and stores them in memory. This takes about one to two minutes.

Press **VOL**+ at any time to interrupt the memorization process and return to the CHANNEL menu.

Adding and Erasing Channels (Manual Method)

1

Use the number buttons to directly select the channel that will be added or erased.

2

Press the ADD/ERASE button.

Repeatedly pressing this button will alternate between "Added" and "Erased."

You can view any channel (including an erased channel) by using the number buttons on the remote control.

Changing Channels

Using the Channel Buttons

1

Press the $CH \triangle$ or $CH \nabla$ buttons to change channels.

When you press the CH▲ or CH▼ buttons, the TV changes channels in sequence. You will see all the channels that the TV has memorized. (The TV must have memorized at least three channels.) You will not see channels that were either erased or not memorized.

Directly Accessing Channels

Use the number buttons to quickly tune to any channel.

1

Press the number buttons to go directly to a channel.

For example, to select channel 27, press "2," then "7." The TV will change channels when you press the second number.

When you use the number buttons, you can directly select channels that were either erased or not memorized.

To select a channel over 100, press the +100 button. (For channel 122, press "+100," then "2," then "2.")

To change to single-digit channels (0–9) faster, press "0" before the single digit. (For channel "4," press "0," then "4.")

Using the Pre-CH Button to select the Previous Channel

1

Press the **PRE-CH** button.

The TV will switch to the last channel viewed.

To quickly switch between two channels that are far apart, tune to one channel, then use the number button to select the second channel.

Then, use the PRE-CH button to quickly alternate between them.

Adjusting the Volume

1

Press the - **VOL** or **VOL** + buttons to increase or decrease the volume.

Using Mute

At any time, you can temporarily cut off the sound using the Mute button.

1

Press **MUTE** and the sound cuts off.

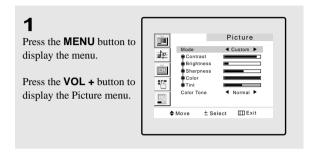
The icon "K" (Mute) will appear in the lower-right corner of the screen.

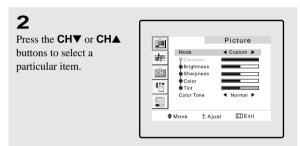
2

To turn mute off, press the MUTE button again, or simply press either the - VOL or VOL + button.

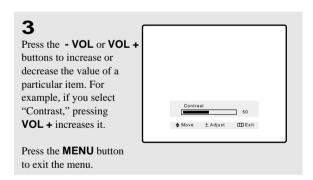
Customizing the Picture

You can use the on-screen menus to change the contrast, brightness, sharpness, color, tint and color tone according to personal preference. (Alternatively, you can use one of the "automatic" settings. See next page.)





■ When Color Tone is selected, you can choose between "Normal", "Warm 1, 2", or "Cool 2,1" according to personal preference.

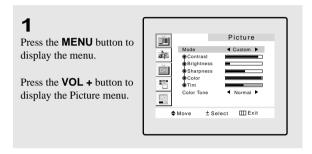


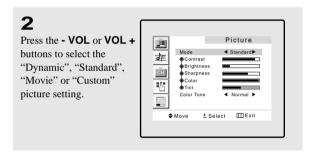
Note: When in Component 1 or Component 2 mode, only Contrast, Brightness and Color can be operated.

Using Automatic Picture Settings

Your TV has four automatic picture settings ("Dynamic", "Standard", "Movie" and "Custom") that are preset at the factory. You can activate either Dynamic, Standard or Movie by pressing P.STD (or by making a selection from the menu). Or, you can select "Custom" which automatically recalls your personalized picture settings.

Note: This function operates only in the TV, Video and S-Video modes.





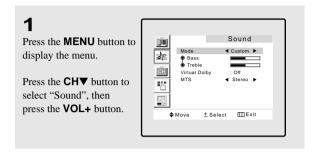
Alternate method:

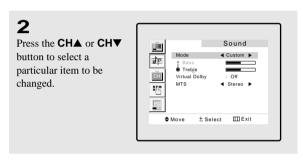
Simply press the **P.STD** button on the remote control to select one of the standard picture settings.

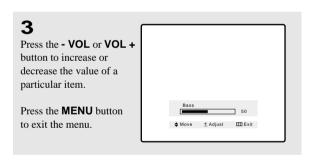
- Choose *Dynamic* for viewing the TV during the day or when there is brightlight in the room.
- Choose Standard for the standard factory settings.
- Choose *Movie* when viewing the movie.
- Choose Custom if you want to adjust the settings accordings to personal preference (see "Customizing the Picture, page 3.7).

Customizing the Sound

The sound settings can be adjusted to suit your personal preference. (Alternatively, you can use one of the "automatic" settings. See next page.)

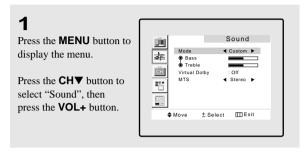


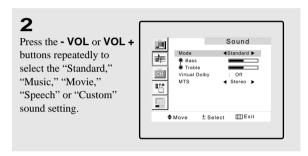




Using Automatic Sound Settings

Your TV has four automatic sound settings ("Standard," "Music," "Movie" and "Speech") that are preset at the factory. You can activate any of them by pressing the S.STD button (or by making a selection from the on-screen menu).





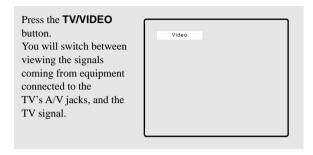
Alternate method:

Simply press the the ${\bf S.STD}$ button on the remote control to select one of the standard sound settings.

- Choose Standard for the standard factory settings.
- Choose *Music* when watching music videos or concerts.
- Choose Movie when watching movies.
- Choose *Speech* when watching a show that is mostly dialogue (i.e., news).
- Choose Custom to recall your personalized settings.

Viewing an External Signal Source

You must select the appropriate mode in order to view the external signal on the TV.

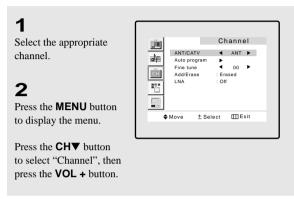


Chapter 4

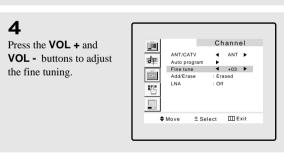
SPECIAL FEATURES

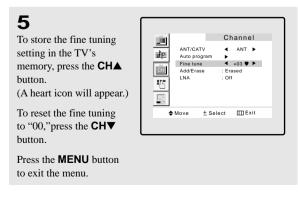
Fine Tuning Channels

Use fine tuning to manually adjust a particular channel for optimal reception.





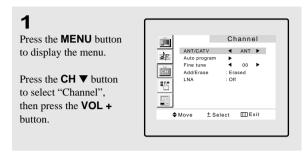


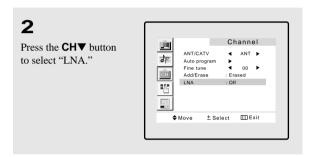


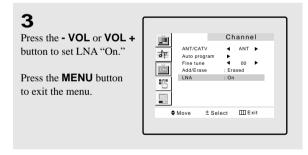
After you adjust the fine tuning, the "heart icon" will appear when you press Display while watching this channel.

LNA (Low Noise Amplifier)

If the TV is operating in a weak-signal area, sometimes the LNA function can improve the reception (a low-noise preamplifier boosts the incoming signal).



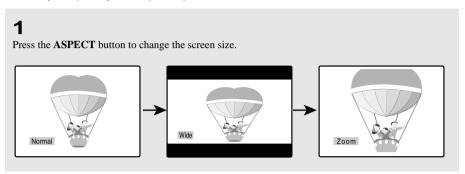




✓ Pressing - VOL or VOL + will alternate between "On" and "Off."

Changing the Screen Size

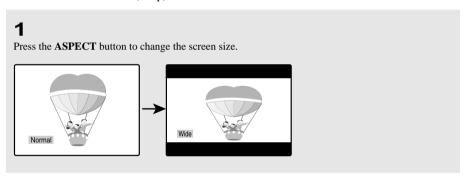
For 480i(DVD, DTV) and TV, Video, S-Video



- Normal: Sets the picture to 4:3 normal mode.

 This is a standard TV screen size.
- Wide: Sets the picture to 16:9 wide mode.
- Zoom: Magnifies the size of the picture on screen.

For the DTV and the DVD(480p)



- Normal: Sets the picture to 4:3 normal mode.

 This is a standard TV screen size.
- Wide: Sets the picture to 16:9 wide mode.

Freezing the Picture

1

Press the STILL button to freeze the main picture.

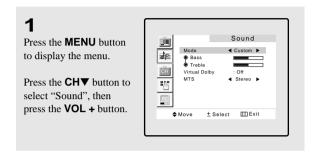
- Not available if V-Chip is turned on.
- Normal sound will still be heard.

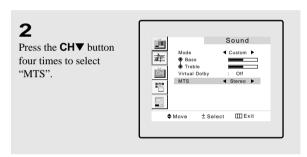
Press again to cancel.

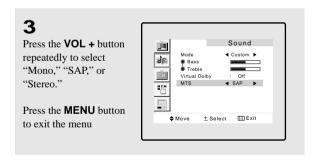
Special Sound Options

Choosing a Multi-Channel Sound (MTS) Soundtrack

Depending on the particular program being broadcast, you can listen to stereo, mono, or a Separate Audio Program. (SAP audio is usually a foreign-language translation. Sometimes SAP has unrelated information like news or weather.)







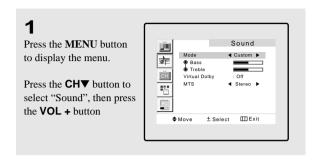
■ The text at the bottom of the menu tells you if the incoming audio is stereo, SAP, or mono.

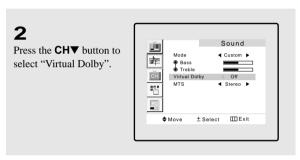
- Choose *Stereo* for channels that are broadcasting in stereo.
- Choose Mono for channels that are broadcasting in mono, or if you are having difficulty receiving a stereo signal.
- Choose *SAP* to listen to the Separate Audio Program, which is usually a foreign-language translation.

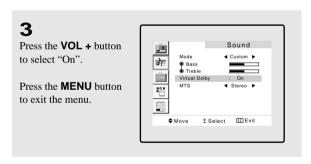
You can also change the MTS setting by pressing the "MTS" button on the remote control. (When you change channels, MTS is set to "Stereo" automatically. To listen in 'SAP' or 'Mono,' change the MTS setting.)

Virtual Dolby

This feature allows the TV's L/R speakers to provide a home Theater-like Virtual Dolby effect. The center and surround sounds are mixed into the L/R speakers.

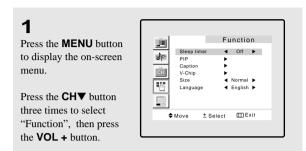




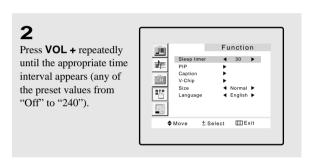


Setting the Sleep Timer

The sleep timer automatically shuts off the TV after a preset time (from 10 to 240 minutes).



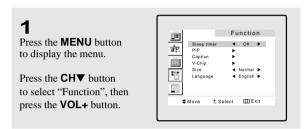
 Quick way to access the Sleep timer: Simply press the SLEEP button on the remote control.

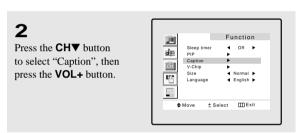


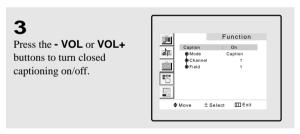
Viewing Closed Captions

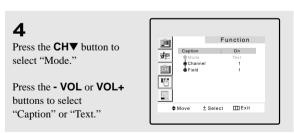
Your TV decodes and displays the closed captions that are broadcast with certain TV shows. These captions are usually subtitles for the hearing impaired or foreign-language translations. All VCRs record the closed caption signal from television programs, so home-recorded video tapes also provide closed captions. Most pre-recorded commercial video tapes provide closed captions as well. Check for the closed caption symbol in your television schedule and on the tape's packaging: CC.

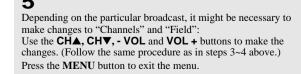
Note: The Caption feature does not work with DVD or DTV signals.











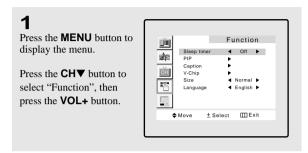
◆ Different channels and fields display different information: Field 2 carries additional information that supplements the information in Field 1.

(For example, Channel 1 may have subtitles in English, while Channel 2 has subtitles in Spanish.)

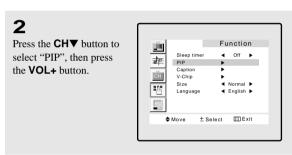
Viewing Picture-in-Picture

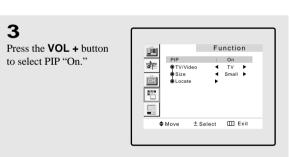
You can use the PIP feature to simultaneously watch two video sources. Note: PIP function operates only in the PC mode.

Activating Picture-in-Picture



 Quick way to access PIP: Simply press PIP ON button on the remote control.

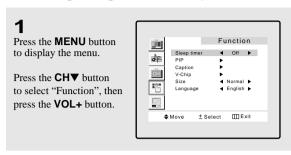




■ If you turn the TV off while watching and turn it on again, the PIP window will disappear.



Selecting a Signal Source (External A/V) for PIP



Press the CH▼ button to select "PIP", then press the VOL+ button.



3Press the **CH**▼ button to select "TV/Video".



Press the - VOL or VOL + button repeatedly to cycle through all of the available signal sources: "TV", "Video", "S-Video".

Press the **MENU** button to exit the menu.



Changing the Location of the PIP Window

When you press the **LOCATE** button repeatedly, the PIP window moves from corner to corner on the TV screen.

Changing the Size of the PIP Window

Press the **SIZE** button to alternate between a small, medium and large PIP window.

Using the V-Chip

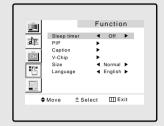
The V-Chip feature automatically locks out programming that is deemed inappropriate for children. The user must first enter a PIN (personal ID number) before any of the V-Chip restrictions can be set up or changed.

Setting Up Your Personal ID Number (PIN)

1

Press the **MENU** button to display the menu.

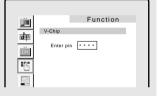
Press the CH▼ button to select "Function", then press the VOL + button.



 Quick way to access the V.CHIP menu: Simply press the V.CHIP button on the remote control.

2

Press the **CH**▼ button to select "V-chip", then press the **VOL+** button.



The "Enter Pin" screen will appear. Enter your 4-digit PIN number. Note: The default PIN number for a new TV set is "**0-0-0-0."**

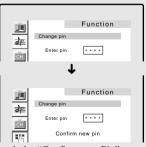
3

After entering a valid PIN number, the "V-chip" screen will appear. Press the CH▼ button to select "Change Pin."



4

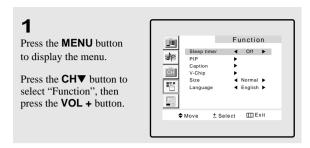
Press the **VOL+** button. The Change pin screen will appear. Choose any 4-digits for your PIN and enter them.

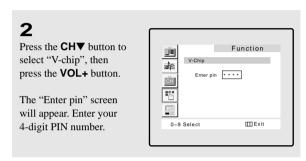


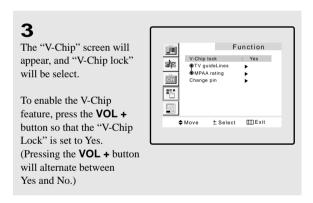
As soon as the 4 digits are entered, the "Confirm new Pin" screen appears. Re-enter the same 4 digits. When the Confirm screen disappears, your PIN has been memorized. Press the **MENU** button to exit the menu.

■ If you forget the PIN, press the EXIT button on the top panel while 5 seconds which resets the pin to 0-0-0-0.

How to Enable/Disable the V-Chip

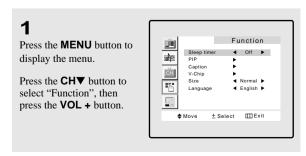






How to Set up Restrictions Using the "TV guidelines"

First, set up a personal identification number (PIN), and enable the V-Chip. (See previous section.) Parental restrictions can be set up using either of two methods: The TV guidelines or the MPAA rating.



SPECIAL FEATURES

2

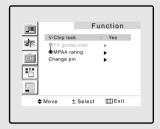
Press the **CH▼** button to select "V-chip", then press the **VOL+** button.

The "Enter pin" screen will appear. Enter your 4-digit PIN number.



3

Press the **CH▼** button, to select "TV Guidelines", then press the **VOL+** button.



4

The "TV guidelines" screen will appear. Press the the CH▲, CH▼ buttons to select one of the six age-based categories:
TV-Y Young children

TV-Y Young children
TV-Y7 Children 7 and over

General audience

TV-PG Parental guidance TV-14 Viewers 14 and over TV-MA Mature audience

■ Note: These categories consist of two separate groups:

TV-Y and TV-Y7 (young children through age 7), and TV-G through TV-MA (everybody else).

The restrictions for these two groups work independently: If a household includes very young children as well as young adults, the TV guidelines must be set up separately for each age group. (See next step.)

5

TV-G

At this point, one of the TV-Ratings is selected.

Press the **VOL+** button: Depending on your existing setup, a letter "U" or "B" will start blinking. (U= Unblocked, B= Blocked)

While the "U" or "B" is blinking, press the **CH**▲ or **CH**▼ buttons to block or unblock the category.

Press the **MENU** button once to save the TV guidelines. A TV-Rating will be highlighted, and no letters will blink. To menu this screen, press the **MENU** again. To select a different TV-Rating, press the **CH** or **CH** buttons and then repeat the process.

Note 1: The TV-Y7, TV-PG, TV-14 and TV-MA have additional options. See the next step to change any of the following sub-ratings:

FV: Fantasy violence

D: Sexual suggestive dialog

L : Adult language S : **S**exual situation

V: Violence

Note 2: The V-Chip will automatically block certain categories that are "more restrictive." For example, if you block "TV-Y" category, then TV-Y7 will automatically be blocked. Similarly, if you block the TV-G category, then all the categories in the "young adult" group will be blocked (TV-G, TV-PG, TV-14 and TV-MA). The sub-ratings (D, L, S, V) work together similarly. (See next section.)

SPECIAL FEATURES

6

How to set the FV, D, L, S and V sub-ratings.

First, highlight one of these TV-Ratings: TV-Y7, TV-PG, TV-14 or TV-MA (See Step 4, on previous page). Next, while the TV-Rating is selected, repeatedly press the **VOL+** button. This will cycle through the available sub-ratings (FV,L, S, D or V).

A blinking letter ("U" or "B") will be displayed for each sub-rating. While the "U" or "B" is blinking, press the CH▲ or CH▼ buttons to change the sub-rating.

Press **MENU** once to save the TV guidelines. A TV-Rating will be selected, and no letters will blink. To menu this screen, press the **MENU** button again. To select a different TV-Rating, press the **CH**▲ or **CH**▼ buttons and then repeat the process.

Note: The V-chip will automatically block certain categories that are "More restrictive".

For example, if you block "L" sub-rating in TV-PG, then the "L" sub-ratings in TV-14 and TV-MA will automatically be blocked.

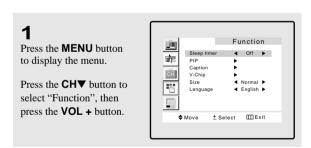
7

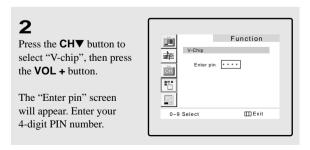
Press the **MENU** button to clear all the screens.

(Or proceed to the next section, and set up additional restrictions based on the MPAA codes).

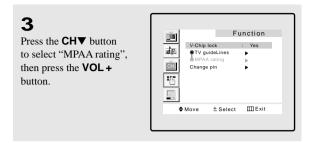
How to Set up Restrictions using the MPAA Ratings: G, PG, PG-13, R, NC-17, X

The MPAA rating system uses the Motion Picture Association of America (MPAA) system, and its main application is for movies. (Eventually, movie videocassettes will be encoded with MPAA ratings.) When the V-Chip lock is on, the TV will automatically block any programs that are coded with objectionable ratings (either MPAA or TV-Ratings).





SPECIAL FEATURES



Function Repeatedly press the CH▼ B/U button to select a particular 1 MPAA category. PG PG-13 (When a category is NC-17 selected, its color changes to blue.) Pressing the CH▼ NR ▶ U U: Unblocked button will cycle through **≜** Move + Select ITT Exit the MPAA categories:

General audience (no restrictions).
 PG Parental guidance suggested.
 PG-13 (Parents strongly cautioned).
 R R (Restricted. Children under 17 should be accompanied by an adult).
 NC-17 No children under age 17.
 X X (Adults only).
 NR Not rated.

While a particular category is highlighted, press the **VOL+** button to activate it. A blinking letter ("U" or "B") will be displayed. Press the **CH**▲ or **CH**▼ buttons to select "U" or "B".

Press the **MENU** button three times to save the settings and to clear all screens.

Note: The V-Chip will automatically block any category that is "more restrictive." For example, if you block the "PG-13" category, then "R," "NC-17," and "X" will automatically be blocked also.

How to Reset the TV after the V-Chip Blocks a Channel ("Emergency Escape")

If the TV is tuned to a restricted channel, the V-Chip will block it. The screen will go blank and the following message will appear: "Excessive rating."

To resume normal viewing, tune to a different channel using the number buttons. Under certain conditions (depending on the rating of the local TV programs) the V-Chip might lock out all the channels. In this case, use the V-Chip button for an "emergency escape":

Press the V.chip button on the remote control. Enter your PIN number, and press the **VOL +** button to temporarily disable the V-Chip Lock.

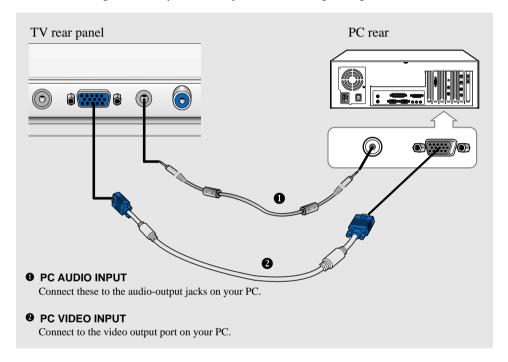
Chapter 5

PC DISPLAY

Using Your TV as a Computer (PC) Display

How to Connect Your PC to the TV

Note: This figure shows the Standard Connector-jack panel. The actual configuration on your TV may be different, depending on the model.



How to Set up Your PC display

"Auto" allows the TV to self-adjust to the incoming video signal. The values of fine, coarse and position are adjusted automatically. Press the PC button on the remote control to select the PC mode

1Press the **AUTO** button on the remote control. (refer to pages 5.8).

How to Set up Your PC Software (Windows 2000)

The Windows display-settings for a typical computer are shown below. However, the actual screens on your PC will probably look different, depending upon your particular version of Windows and your particular video card. Even if your actual screens look different, the same, basic set-up information will apply in most cases. (If not, contact your computer manufacturer or Samsung Dealer.)



First, click on "Settings" on the Windows start menu.

While "Settings" is highlighted, move the cursor so that "Control Panel" is highlighted.

When the control panel screen appears, click on "Display" and a display dialog-box will appear.

Navigate to the "settings" tab on the display dialog-box.





The two key variables that apply the TV-PC interface are "resolution" and "colors." The correct settings for these two variables are:

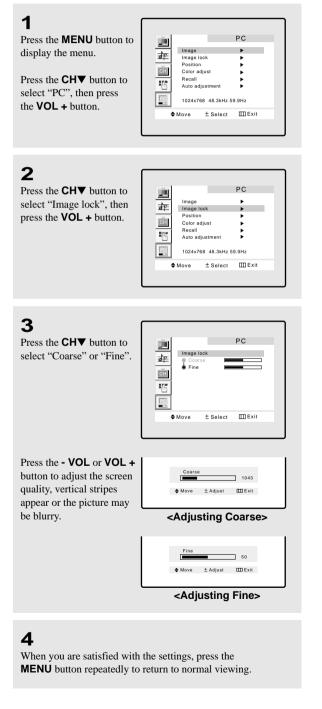
* Size (sometimes called "resolution"): 15" - 1024 x 768 pixels 17" - 1280 x 1024 pixels.

If a vertical-frequency option exists on your display settings dialog box, the correct value is "60" or "60 Hz." Otherwise, just click "OK" and exit the dialog box.

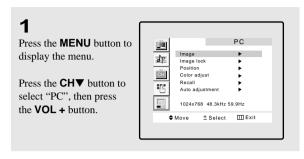


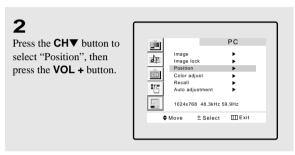
Adjusting the Screen Quality

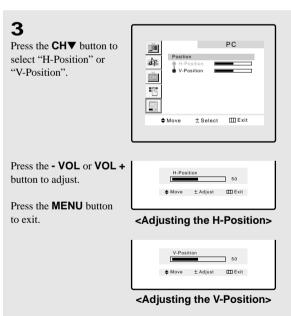
The purpose of picture quality adjustment is to remove or reduce picture noise. If the noise is not removed by fine tuning alone, then do the frequency adjustments to the utmost and fine tune again. After the noise has been reduced, re-adjust the picture so that it is aligned on the center of screen.



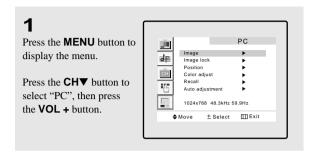
Changing the Screen Position

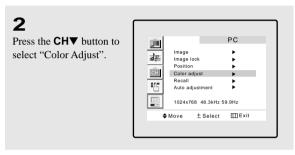


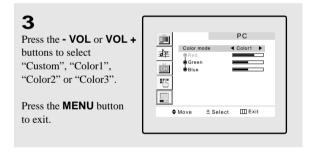




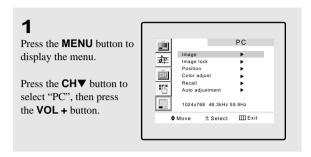
Changing the Screen Color Standard

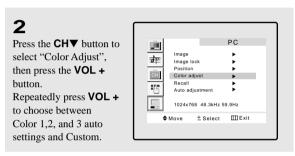


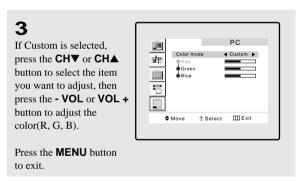




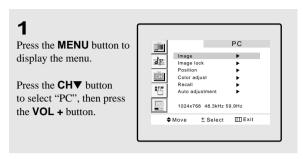
Adjusting the Screen Color Settings

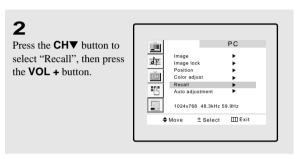


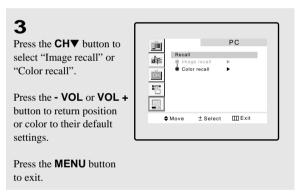




To Initialize the Screen Position or Color Settings

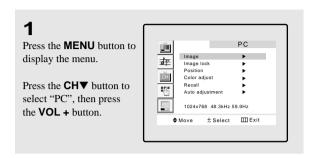


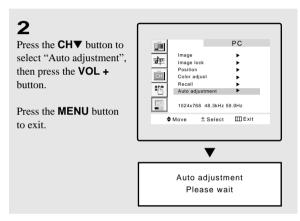




Adjusting the PC Screen Automatically

Press the PC button on the remote control to select the PC mode.





■ The Screen quality and position are automatically adjusted, and the screen returns original view about a few seconds later.

Chapter 6

TROUBLESHOOTING

If the TV seems to have a problem, first try this list of possible problems and solutions. If none of these troubleshooting tips apply, call your nearest Samsung authorized service center.

Identifying Problems

A	Try another channel. Adjust the antenna. Check all wire connections.	
C	Check all wire connections.	
Poor sound quality. T	Try another channel.	
A	Adjust the antenna.	
No picture or sound.	Try another channel.	
P	Press the TV/VIDEO button.	
N	Make sure the TV is plugged in.	
C	Check the antenna connections.	
No color, wrong colors or N	Make sure the program is broadcast in color.	
tints.	Adjust the picture settings.	
It	If the set is moved or turned in a different direction,	
tl	he power should be OFF for at least 30 minutes.	
A	Adjust the antenna.	
Picture rolls vertically.	Check all wire connections.	
The TV operates erratically.	Unplug the TV for 30 seconds, then try operating it again.	
The TV won't turn on.	Make sure the wall outlet is working.	
Blurred or snowy picture,	Check the direction, location and connections of	
distorted sound y	your antenna.	
Т	This interference is often due to the use of	
a	n indoor antenna.	
Remote control malfunctions R	Replace the remote control batteries.	
C	Clean the upper edge of the remote control	
(1	transmission window).	
C	Check the battery terminals.	
'Check Signal Cable"	Ensure that the signal cable is firmly connected	
message.	o the PC sources.	
E	Ensure that the PC sources are turned on.	

TROUBLESHOOTING

Problem	Possible Solution		
"Not Supported Mode!"	Check the maximum resolution and the frequency of		
message.	the video Adapter.		
	Compare these values with the data in the		
	Display Modes Timing Chart.		
The image is too light or too	Adjust the Brightness and	Contrast.	
dark.	Adjust the Fine function.		
Horizontal bars appear to	Adjust the Coarse function	n and then adjust the	
flicker, jitter or shimmer on	Fine function.		
the image.			
Vertical bars appear to flicker,	The TV is using its power management system.		
jitter or shimmer on the image.	Move the computer's mouse or press a key on the		
	keyboard.		
Screen is black and power	Check that the display resolution and frequency from		
indicator light blinks steadily.	your PC or video board is an available mode for your		
	TV. On your computer check: Control Panel, Display,		
	Settings.		
Image is not stable and may	If the setting is not correct, use your computer utility		
appear to vibrate.	program to change the display settings.		
	NOTE: Your TV supports	s multiscan display functions	
	within the following frequency domain:		
	 Horizontal frequency: 	15": 30 kHz ~ 69 kHz	
		17": 30 kHz ~ 81 kHz	
	 Vertical frequency: 	56 Hz ~ 75 Hz	
	• Maximum refresh rate:	15" : 1024 x 768 @ 75Hz	
		17" : 1280 x 1024 @ 75Hz	
Image is not centered on the	Adjust the horizontal and	vertical position.	
screen.			

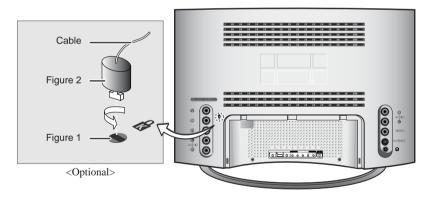
Retractable Stand

Note: The maximum tilt angle is 10 degrees in the backward direction.

Please do not tilt the TV outside the specified range. Using excessive force to tilt the TV may cause permanent damage to the mechanical part of the stand.



Using the Anti-Theft Kensington Lock



The Kensington lock is a device used to physically fix the system when using it in a public place. The locking device has to be purchased separately. The appearance and locking method may differ from the illustration depending on the manufacturer. Please refer to the manual provided with the Kensington lock for proper use.

1

Insert the locking device into the Kensington slot on the LCD TV(figure 1), and turn it in the locking direction(figure 2).

2

Connect the Kensington lock cable.

3

Fix the Kensington lock to a desk or a heavy stationary object.

Pin Assignments

Pin D-Sub Connection

PIN	Separate H/V	Composite H/V
1	Red	Red
2	Green	Green
3	Blue	Blue
4	GND	GND
5	GND (DDC Return)	GND (DDC Return)
6	GND-Red	GND-Red
7	GND-Green	GND-Green
8	GND-Blue	GND-Blue
9	No Connection	No Connection
10	GND-Sync/Self Test	GND-Sync/Self Test
11	GND	GND
12	DDC-SDA	DDC-SDA
13	H_Sync	H/V_Sync
14	V_Sync	Not used
15	DDC-SCL	DDC-SCL

Display Modes

If the signal from the system equals the standard signal mode, the screen is adjusted automatically. If the signal from the system doesn't equal the standard signal mode, adjust the mode by referring to your Videocard user guide; otherwise there may be no video. For the display modes listed below, the screen image has been optimized during manufacture.

Preset timing modes

Mode	Resolution	Horizontal Frequency (kHz)	Vertical Frequency (Hz)	Pixel Clock Frequency (MHz)	Sync Polarity (H/V)
	720 x 400	31.469	70.087	28.322	-/+
VGA	640 x 480	31.469	59.940	25.175	-/-
	640 x 480	37.500	75.000	31.500	-/-
SVGA	800 x 600	46.875	75.000	49.500	+/+
XGA	1024 x 768	48.363	60.004	65.000	-/-
	1024 x 768	60.023	75.029	78.750	+/+
SXGA (LTN1765 only)	1280 x 1024	63.981	60.020	108.000	+,-/+,-
	1280 x 1024	79.976	75.025	135.000	+/+

NTSC Broadcasting Systems

Color System	Sound System	Stereo System	Channel System	Countries
NTSC		A2	US	Korea
	М	*BTSC (SAP)	US	USA, Canada, Chile,
				Venezuela, Cuba, Colombia,
				Jamaica, Mexico, Panama,
				Peru, Philippines, Puerto-Rico,
				Taiwan
		EIAJ	Japan	Japan

^{*} Note: This Model is set up for BTSC (SAP).

Cleaning and Maintaining Your TV

With proper care, your TV unit will give you many years of service. Please follow these guidelines to get the maximum performance from your TV.

Placement

- Do not place the TV near extremely hot, cold, humid or dusty places.
- Do not place the TV near appliances with electric motors that create magnetic fields, such as vacuum cleaners.
- Keep the ventilation openings clear; do not place the TV on a soft surface, such as cloth or paper.
- Place the TV in a vertical position only.

Liquids

Do not handle liquids near or on the TV.
 Liquids that spill into it can cause serious damage.

Cabinet

- Never open the cabinet or touch the parts inside.
- Wipe your TV with a clean, dry cloth. Never use water, cleaning fluids, wax, or chemicals.
- Do not put heavy objects on top of the cabinet.

Temperature

 If your TV is suddenly moved from a cold to a warm place, unplug the power cord, and allow at least two hours for moisture that may have formed inside the unit to dry completely.

Using Your TV in Another Country

If you plan to take your TV with you to a foreign country, please be aware of the different television systems that are in use around the world. A TV designed for one system may not work properly with another system due to differences in the TV channel frequencies.

Maintenance of Your LCD TV/Monitor

WARNING: To avoid risk of electric shock, do not disassemble the TV cabinet.

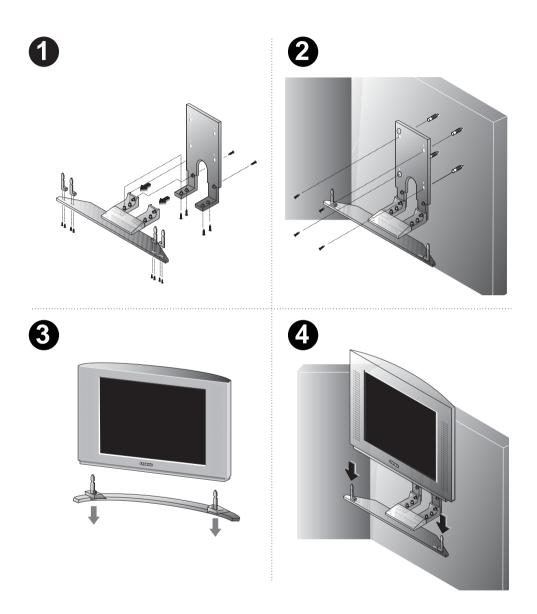
Users cannot service the TV.

User maintenance is restricted to cleaning as explained below:

Unplug the monitor from the power outlet before cleaning.

- To clean your flat panel display screen, lightly dampen a soft, clean cloth with water or mild detergent.
 If possible, use a special screen cleaning tissue or solution suitable for the antistatic coating.
- To clean the monitor cabinet, use a cloth lightly dampened with a mild detergent.
- Never use flammable cleaning material to clean your LCD TV or any other electrical apparatus.

Installing the Wall Mount Kit (Sold separately)



Specifications

		LTN1565	LTN1765
	Size	15.0" Diagonal	17." Diagonal
Panel	Display Size	304.1 (H) X 228.1 (V)mm	337.92 (H) X 270.336 (V)mm
	Type	a-si TFT active matrix	a-si TFT active matrix
	Pixel Pitch	0.297 (H) X 0.297 (V)mm	0.264 (H) X 0.264 (V)mm
	Viewing Angle	140/125 (Horizontal/Vertical)	140/110 (Horizontal/Vertical)
*Frequency	Horizontal	30~69 kHz	30~81 kHz
	Vertical	56~75 Hz	56~75 Hz (~XGA)/60~75 Hz (SXGA
	Display Color	16,777,216 color	16,777,216 color
Display	Optimum Mode	1024 X 768 @ 60 Hz	1280 X 1024 @ 60 Hz
Resolution	Maximum Mode	1024 X 768 @ 75 Hz	1280 X 1024 @ 75 Hz
Input Signal	Sync.	H/V Separate, TTL, P. or N.	H/V Separate, TTL, P. or N.
	Video signal	0.7 Vp-p @ 75 ohm	0.7 Vp-p @ 75 ohm
Video	Color system	NTSC	NTSC
	Video system	CVBS, S-VHS, RGB	CVBS, S-VHS, RGB
Component	Video In	1.0 Vp-p @ 75 ohm	1.0 Vp-p @ 75 ohm
	Audio In	500 mVrms	500 mVrms
Power Supply	Input	AC 100~240 V, 50/60 Hz	AC 100~240 V, 50/60 Hz
	Output	14V/3A	14V/3.5A
Power	Maximum	48W	58 W
Consumption	Power Saving	< 3 W	< 3 W
Dimensions/	Unit (WxDxH):	18.1 x 3.4 x 12.0 inches/8.6 lbs	20.2 x 3.5 x 13.8 inches/11.0 lbs
Weight	TV body	(461 x 87.6 x 305.5 mm/3.9 kg)	(514.6 x 89.0 x 351.1 mm/5.0 kg)
	With stand	18.1 x 7.2 x 12.8 inches/13.6 lbs	20.2 x 7.1 x 14.6 inches/16.9 lbs
		(461 x 182.2 x 325.1 mm/6.2 kg)	(514.6 x 180.9 x 371.3 mm/7.7 kg)
Environmental	Operating Temperature	50 °F to 104 °F (10 °C to 40 °C)	50 °F to 104 °F (10 °C to 40 °C)
Considerations	Operating Humidity	10 % to 80 %	10 % to 80 %
	Storage Temperature	-13 °F to 113 °F (-25 °C to 45 °C)	-13 °F to 113 °F (-25 °C to 45 °C)
	Storage Humidity	5% to 95%	5% to 95%
Audio	Audio Input 1	RCA Jack Red(R) White(L), 0.5Vrms (-9dB)	RCA Jack Red(R) White(L), 0.5Vrms (-9dB)
Characteristics	Audio Input 2	3.5ø Stereo Jack, 0.5Vrms (-9dB)	3.5ø Stereo Jack, 0.5Vrms (-9dB)
	DVD	RCA Jack Red(R) White(L), 0.5Vrms (-9dB)	RCA Jack Red(R) White(L), 0.5Vrms (-9dB)
	DTV	RCA Jack Red(R) White(L), 0.5Vrms (-9dB)	RCA Jack Red(R) White(L), 0.5Vrms (-9dB)
	Headphone out	Max. 10mW Output (3.5ø Stereo Jack 32)	Max. 10mW Output (3.5ø Stereo Jack 32)
	Frequency	RF: 80 Hz ~ 15 kHz (at- 3 dB)	RF: 80 Hz ~ 15 kHz (at- 3 dB)
	Response	A/V: 80 Hz ~ 20 kHz (at - 3 dB)	A/V: 80 Hz ~ 20 kHz (at - 3 dB)

^{*} Referring to Preset timing modes, page A.3.

FCC Information

User Instructions

The Federal Communications Commission Radio Frequency Interference Statement includes the following warning:

NOTE: 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 to radio communications. However, there is no guarantee that interference will not occur in a particular installation .

If this equipment does cause harmful interference to radio or television receptions, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

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

User Information

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. If necessary, consult your dealer or an experienced radio/television technician for additional suggestions. You may find the booklet called How to Identify and Resolve Radio/TV Interference Problems helpful. This booklet was prepared by the Federal Communications Commission. It is available from the U.S. Government Printing Office, Washington, DC 20402, Stock Number 004-000-00345-4.

The party responsible for product compliance: SAMSUNG ELECTRONICS CO., LTD America QA Lab of Samsung 3351 Michelson Drive, Suite #290, Irvine, CA92612 USA Tel) 949-975-7310 Fax) 949-922-8301

Warning

User must use shielded signal interface cables to maintain FCC compliance for the product. Provided with this monitor is a detachable power supply cord with IEC320 style terminations. It may be suitable for connection to any UL Listed personal computer with similar configuration. Before making the connection, make sure the voltage rating of the computer convenience outlet is the same as the monitor and that the ampere rating of the computer convenience outlet is equal to or exceeds the monitor voltage rating.

For 120 Volt applications, use only UL Listed detachable power cord with NEMA configuration 5-15P type (parallel blades) plug cap. For 240 Volt applications use only UL Listed Detachable power supply cord with NEMA configuration 6015P type (tandem blades) plug cap.

IC Compliance Notice

This Class B digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations of ICES-003.

Cet appareil Numérique de classe B respecte toutes les exigences du Règlemont NMB-03 sur les équipements produisant des interférences au Canada.

Notice de Conformité IC

Cet appareil numérique de classe B respecte toutes les exigences du Règlement ICES-003 sur les équipements produisant des interférences au Canada.

VCCI

This is a Class B product based on the standard of the Voluntary Control Council for Interference by Information Technology Equipment (VCCI). If this is used near a radio or television receiver in a domestic environment, it may cause radio interference. Install and use the equipment according to the instruction manual.