

CT-14H4/CT-14V10MJ CT-15K9MJ/CT-15K10MJ CT-17N11MJ/CT-20H4 CT-20V10MJ

COLOR TELEVISION



Owner's Instructions

Warning! Important Safety 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.

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 receiver represents the latest in television technology. It has easy-to-use, on-screen menus and closed-captioning capabilities, making this TV one of the best products in its class. This product will provide convenient, dependable service and enjoyment for years to come.

Important Safety Information

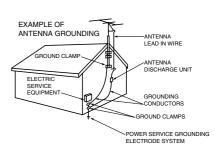
To reduce the risk of fire, electrical shock, and other injuries, keep these safety precautions in mind when installing, using, and maintaining your machine.

- Read all safety and operating instructions before operating the TV receiver.
- Retain the safety and operating instructions for future reference.
- Heed all warnings on the TV receiver and in the operating instructions.
- Follow all operating 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 may cause 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 receiver on an unstable cart, stand, tripod, bracket, or table. The TV receiver may fall, causing injury to people and/or damage to the TV. Use only with a cart, stand, tripod, bracket, or table not recommended by the manufacturer or sold with the TV receiver.
- Follow the manufacturer's instructions when mounting the unit, and use a mounting accessory recommended by the manufacturer. Move the TV receiver and its cart with care. Quick stops, excessive force, and uneven surfaces may cause the unit and cart to over-



- 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 will not be walked on or pinched by items placed on or against them. Pay particular attention to cord placement at plugs, convenience receptacles, and at the point where they exit from the unit.
- Unplug the TV receiver 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.
- 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. Avoid overhead power lines: When installing an outside antenna system, be extremely careful to keep from touching the power lines or circuits. Contact with such lines might be fatal.
- Do not overload the wall outlet or extension cords. Overloading can result in fire or electric shock.
- Do not insert foreign objects through openings in the unit, as they may touch dangerous voltages or cause damage. Never spill liquid of any kind on the TV receiver.
- Ground outdoor antennas. If an outside antenna or cable system is connected to the TV receiver, be sure the antenna or cable system is grounded so as to provide some protection against voltage surges and built-up static charges. Read 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.



- Do not attempt to service the TV receiver 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 TV
 - If the TV receiver has been exposed to rain or water
 - If the TV receiver does not operate normally by following the operating instructions
 - If the TV receiver has been dropped or the cabinet has been damaged
 - When the TV receiver exhibits a distinct degradation 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 receiver 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 receiver, ask the service technician to perform safety checks to determine that the TV receiver is in a safe operating condition.

Contents

Chapter	1: Your New TV	. 7
-	List of Features	
	Familiarizing Yourself with The TV	8
	Front Panel Buttons	
	Side Panel Jacks	
	Rear Panel Jacks	
	Remote Control.	10
Chapter	· 2: Installation	11
-	Connecting VHF and UHF Antennas	
	Antennas with 300-ohm Flat Twin Leads	11
	Antennas with 75-ohm Round Leads	
	Separate VHF and UHF Antennas	
	Connecting Cable TV	
	Cable without a Cable Box	
	Connecting to a Cable Box that Descrambles	
	All Channels	13
	Connecting to a Cable Box that Descrambles	
	some Channels	
	Connecting a VCR.	
	Connecting a Camcorder	17
	Installing Batteries in the Remote Control	10
Chapter	· 3: Operation	19
•	Turning the TV On and Off	
	Viewing the Menus and On-Screen Displays	
	Viewing the Menus	
	Viewing the Display	19
	Selecting a Menu Language	
	Memorizing the Channels	
	Selecting the Video Signal-source	
	Storing Channels in Memory (Automatic Method)	
	Adding and Erasing Channels (Manual Method)	
	Changing Channels	
	Using the Channel Buttons	
	Directly Accessing Channels	
	Using the PRE-CH Button to select the Previous Channel	
	Adjusting the Volume	
	Using Mute	
	Setting the Clock	
	Using Automatic Picture Settings	
	Auto Volume	
	Viewing a VCR or Camcorder Tape	29

Contents

Chapt	ter 4: Special Features	30
	Fine Tuning Channels	30
	Changing the Screen Size	31
	Using the Surf Feature	32
	Setting the On/Off Timer	33
	Setting the Sleep Timer	34
	Viewing Closed Captions	35
Chapt	ter 5: Troubleshooting Identifying Problems	
Apper	ndix	37
	Cleaning and Maintaining Your TV	37
	Using Your TV in Another Country	37
	Specifications	37

Chapter One

Your New TV

List of Features

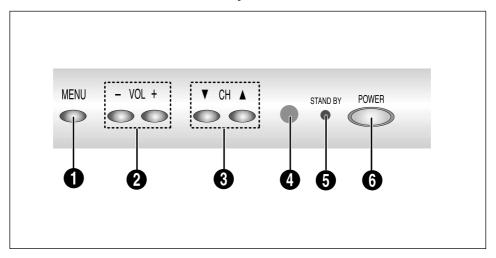
Your TV was designed with the latest technology. This TV is a high-performance unit that includes the following special features:

- Easy-to-use remote control
- Easy-to-use on-screen menu system
- Automatic timer to turn the TV on and off
- Adjustable picture setting 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
- Tri-lingual on-screen displays (English, Spanish, and French)
- A special sleep timer

Familiarizing Yourself with The TV

Front Panel Buttons

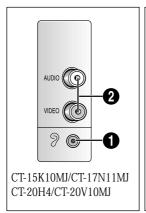
The buttons on the front panel control your TV's basic features, including the on-screen menu. To use the more advanced features, you must use the remote control.

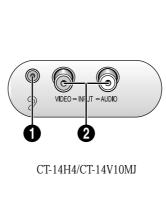


- MENU
 - Press to see an on-screen menu of your TV's features.
- VOL , + Press to increase or decrease the volume. Also used to select items on the on-screen menu.
- 3 CH ▼ and CH ▲ Press to change channels. Also press to select various items on the on-screen menu.
- Remote Control Sensor
 - Aim the remote control towards this spot on the TV.
- **5 STAND BY**Lights up when you turn the power off.
- 6 POWER
 Press to turn the TV on and off.

Side Panel Jacks

You can use the side panel jacks to connect an A/V component that is used only occasionally, such as a camcorder or video game. (For information on connecting equipment, see pages 11 - 17.)





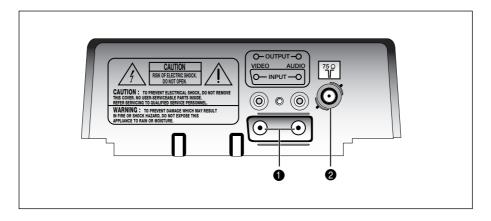
- EARPHONE jack
 Connect a set of external earphones
 to this jack for private listening.
- VIDEO and AUDIO input jacks Use this jacks to connect a camcorder or a video game.

Note: There is no side panel jacks in the CT-15K9MJ model.

Rear Panel Jacks

Use the rear panel jacks to connect an A/V component that will be connected continuously, such as a VCR.

For more information on connecting equipment, see pages 11 - 17.



- VIDEO and AUDIO input jacks
 Use these jacks to connect a VCR or other video equipment.
- **2 VHF/UHF Antenna terminal**Use this terminal to connect an outdoor antenna or cable system.

Remote Control

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

POWER

Press to turn the TV on and off.

2 TV/VIDEO

Press to watch TV picture and a picture from a connected component (VCR, LDP etc.).

Number buttons

Press to directly select channels on the TV.

4 +100

Press to directly select channels over 100. For example, to select channel 121, press +100, then press 2 and 1.

6 CH ▲ and CH ▼ (Channel)

Press CH ▲ or CH ▼ to change channels. Also use with the on-screen menu system.

O DISPLAY

Press to see the time, channel, etc., on-screen. Also press to exit (quit) the menu system.

SURF

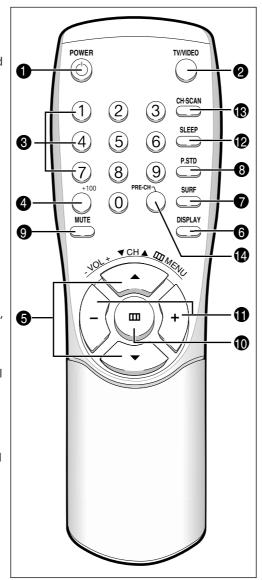
Press when viewing a channel to automatically return to that channel after an amount of time that you set.

P-STD

Press to adjust the TV picture by selecting one of the special factory settings or your own custom setting.

MUTE

Press to mute (silence) the volume.



MENU

Press this button to see the easy-to-use menu system.

(1) VOL – and VOL + (Volume) Press VOL – to lower the volume: press VOL + to raise the

ume; press **VOL** + to raise the volume. Also use with the menu system.

SLEEP

Press for the TV to automatically turn off after an amount of time that you set.

(B) CH.SCAN (Channel Scan)

Press to have the TV automatically scan all of the channels it has memorized.

PRE-CH (Previous Channel)

Press to see the last channel you were watching.

Chapter Two

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.



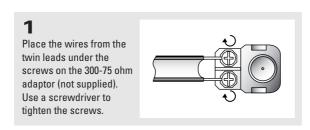
If your antenna has one lead that looks like this, see "Antennas with 75-ohm Round Leads," on page 12.

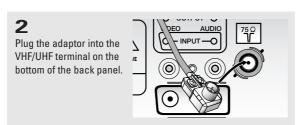


If you have two antennas, see "Separate VHF and UHF Antennas," on page 12.

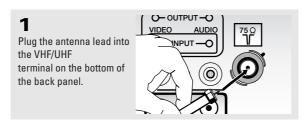
Antennas with 300-ohm Flat Twin Leads

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.



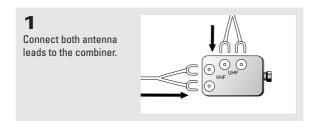


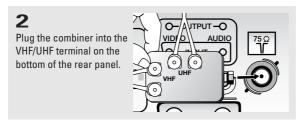
Antennas with 75-ohm Round Leads



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 a an optional combiner-adaptor (available at most electronics shops).

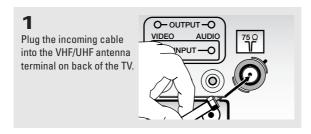




Connecting Cable TV

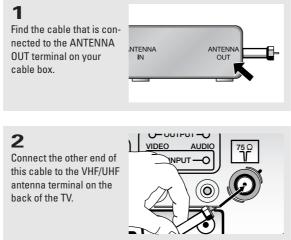
To connect to a cable TV system, follow the instructions below.

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



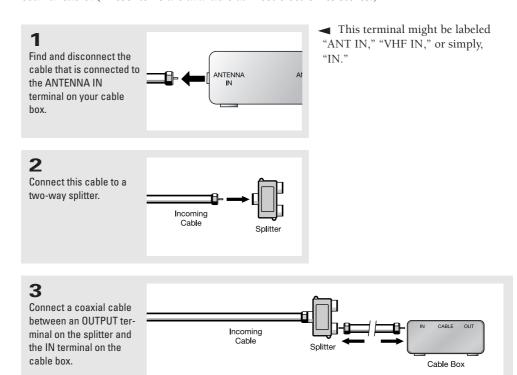
"OUT."

■ This terminal might be labeled

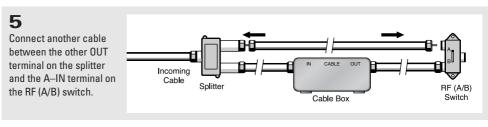
"ANT OUT," "VHF OUT," or simply,

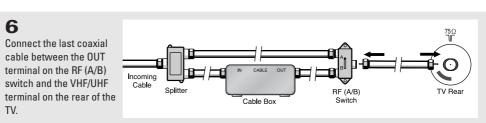
Connecting to a Cable Box that Descrambles Some Channels

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.)



Connect a coaxial cable between the ANTENNA OUT terminal on the cable box and the B–IN terminal on the A/B switch. Cable Box Cable Box Cable Box

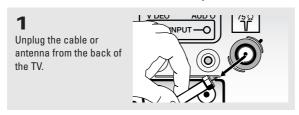


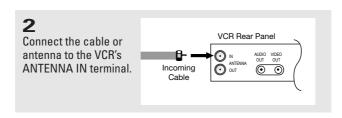


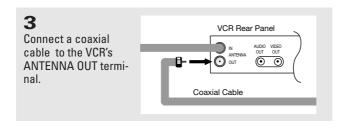
After you've made this connection, set the A/B switch to the "A" position for normal viewing. Set the A/B switch to the "B" position to view scrambled channels. (When you set the A/B switch to "B," you will need to tune your TV to the cable box's output channel, which is usually channel 3 or 4.)

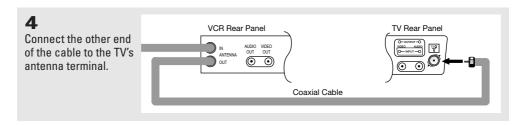
Connecting a VCR

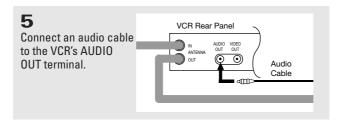
These instructions assume that you have already connected your TV to an antenna or a cable TV system (according to the instructions on pages 11-14). Skip step **1** if you have not yet connected to an antenna or a cable system.

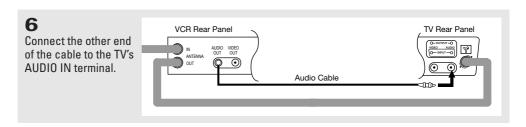


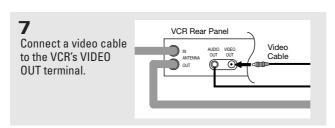


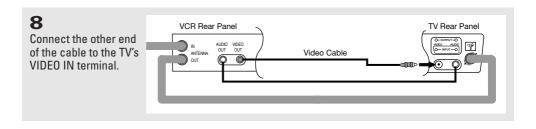










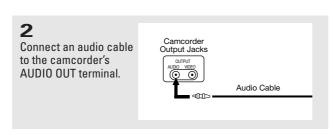


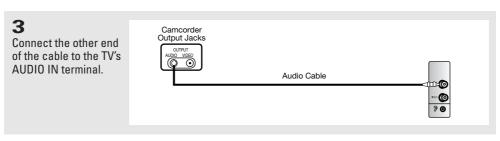
Connecting a Camcorder

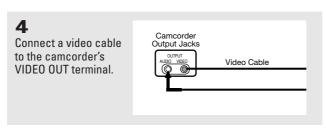
You can connect a camcorder to your TV, which enables you to view camcorder tapes without a VCR.

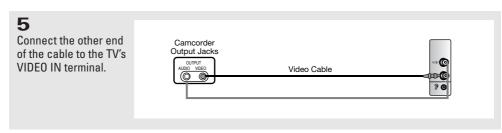
The audio and video cables mentioned in the steps below are usually included with a camcorder. You can also purchase them at your local electronics store.



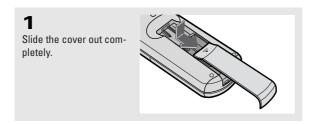








Installing Batteries in the Remote Control





■ 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 Three

OPERATION

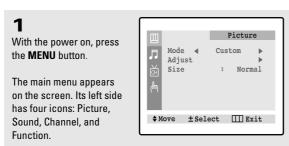
Turning the TV On and Off

Press the **POWER** button on the remote control.

You can also use the POWER button on the front panel.

Viewing the Menus and On-Screen Displays

Viewing the Menus

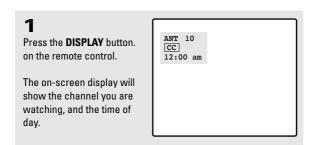


■ The on-screen menus disappear from the screen after about thirty seconds.

2

Use the CH▲ and CH▼ buttons to highlight one of the 4 icons. Then press the VOL+ button to access the icon's sub-menu. Press the MENU button to exit.

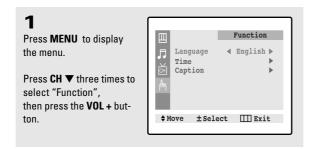
Viewing the Display

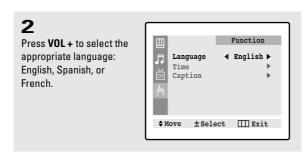


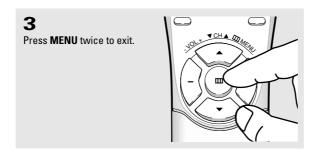
■ The on-screen displays disappear after about twelve seconds.

When Closed Caption has been set, the icon(CC) will appear by pressing the Display button.

Selecting a Menu Language





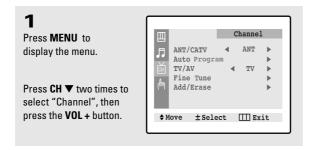


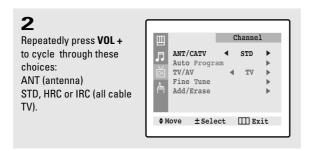
Memorizing the Channels

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 \blacktriangle and CH \blacktriangledown 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

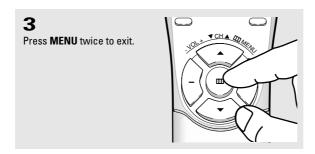
Before your television can begin memorizing the available channels, you must specify the type of signal source that is connected to the TV (i.e., an antenna or a cable system).



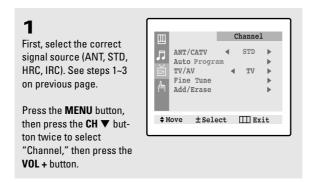


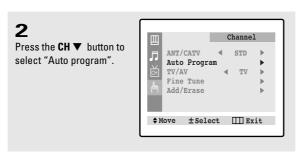
Note: STD, HRC and IRC identify various types of cable TV systems. Contact your local cable company to identify the type of cable system that exists in your particular area.

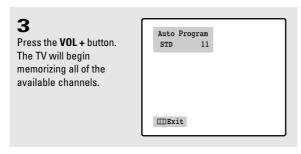
At this point the signal source has been selected. Proceed to "Storing Channels in Memory" (next page).



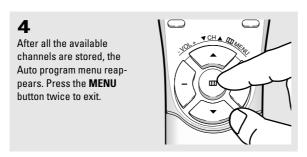
Storing Channels in Memory (Automatic Method)



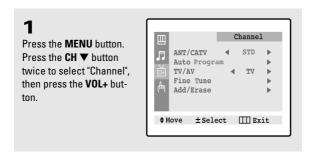


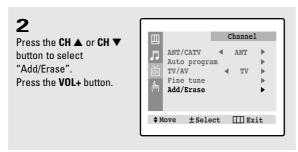


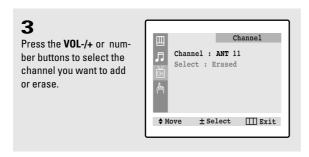
▼ The TV automatically cycles through all of the available channels and stores them in memory. This takes about one to two minutes. Press the MENU button at any time to interrupt the memorization process and return to the Channel menu.

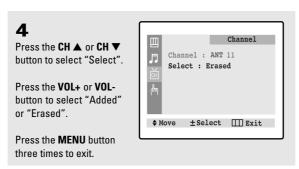


Adding and Erasing Channels (Manual Method)









Changing Channels

Using the Channel Buttons

1

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

When you press CH ▲ or CH ▼, 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



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

Press the VOL + or VOL - button to increase or decrease the volume.

Using Mute

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

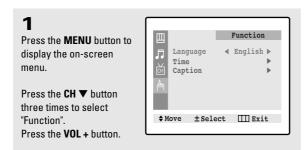
1

Press the **MUTE** button and the sound cuts off. The word "Mute" will appear in the lower-left corner of the screen.

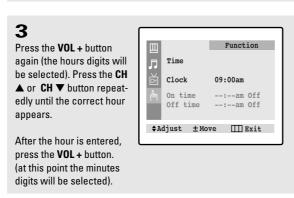
2

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

Setting the Clock

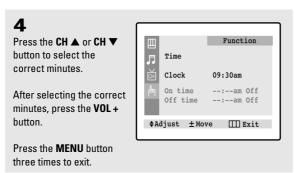






■ When selecting the hours, be sure to select the proper time of day (AM or PM).

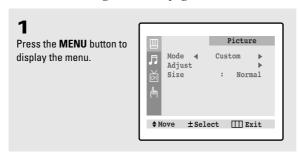
You can change the hours by pressing CH ▲ or CH ▼ repeatedly (or by holding down either of these buttons).

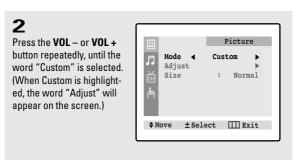


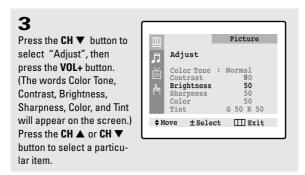
■ The time will appear every time you press DISPLAY.

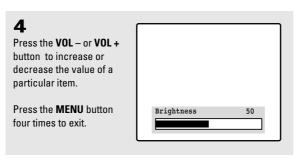
Customizing the Picture

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





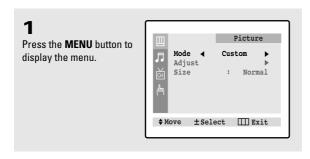


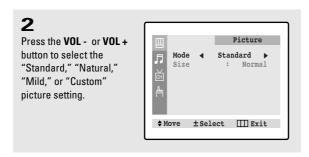


■ After adjusting an item, the gauge will automatically disappear (after about 5 seconds).

Using Automatic Picture Settings

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

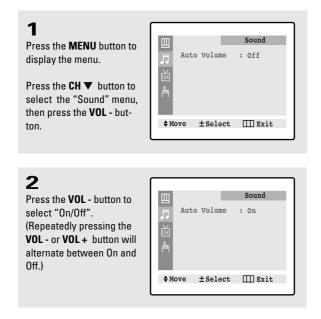




- Choose Standard for the standard factory settings.
- Natural: Optimal indoor screen condition.
- Choose *Mild* ("Mild Contrast") when viewing the TV in low light, or when playing video games.
- Choose *Custom* if you want to adjust the settings according to personal preference (see "Customizing the Picture, page 26).

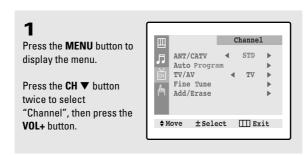
Auto Volume

Each broadcasting station has its own signal conditions, which can make it necessary to adjust the volume every time the channel is changed. "Auto volume" lets you automatically adjust the volume of the desired channel by lowering the sound output when the modulation signal is high or by raising the sound output when the modulation signal is low.

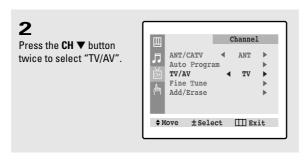


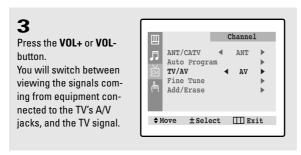
Viewing a VCR or Camcorder Tape

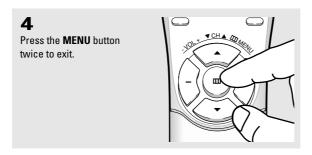
You must select the appropriate mode in order to view the VCR or Camcorder signal on the TV.



■ Quick way to view the external signal: Simply press the TV/VIDEO button on the remote control.





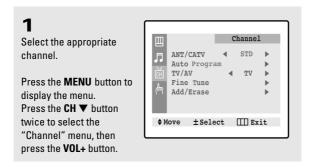


Chapter Four

SPECIAL FEATURES

Fine Tuning Channels

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



Press the CH ▼ button three times to select "Fine tune", then press the VOL+ button.



Press the VOL+ and VOLbuttons to adjust the fine tuning.



To store the fine tuning setting in the TV's memory, press the CH ▼ button to select "Select".

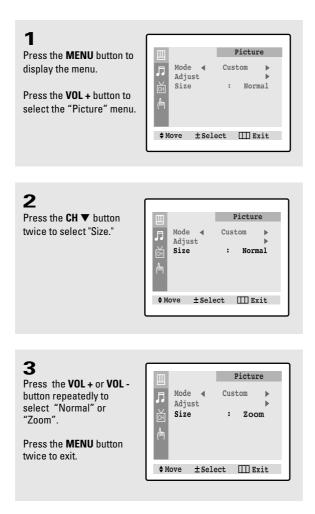
Press the VOL+ or VOL-button to select "Added".

To reset the fine tuning to "00", press the **VOL+** or **VOL-** button to select "Erased".



■ Press the MENU button to resume normal viewing.

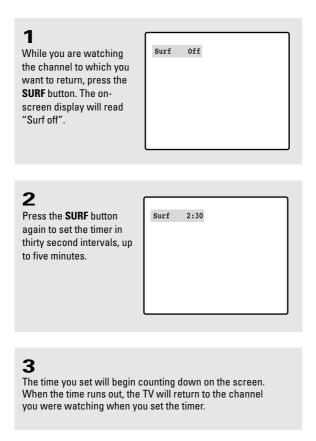
Changing the Screen Size



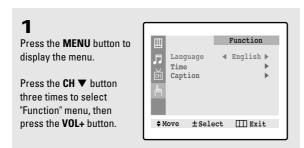
- Normal: Sets the picture to 4:3 normal mode. This is a standard TV screen size.
- Zoom: Magnifies the size of the picture on-screen.

Using the Surf Feature

This feature allows you to set the TV to return to a particular channel after a certain amount of time. For example, you may be watching a channel when commercials start. You can set the Surf to "5 minutes", then switch channels. After 5 minutes, the TV will return to the original channel. To use the Surf feature:



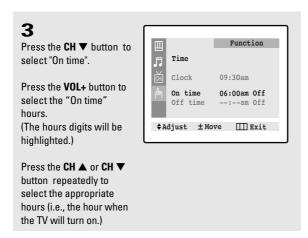
Setting the On/Off Timer



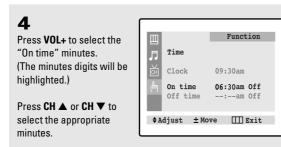
■ Before using the timer, you must set the TV's clock. (See "Setting the Clock" on page 25).

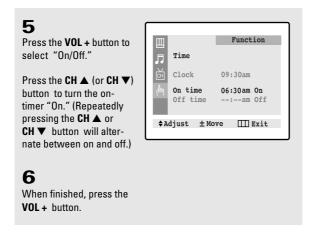




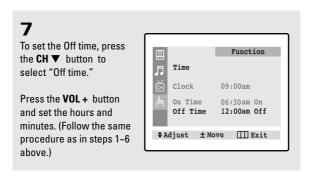


■ When you set the hours, make sure the correct time of day (AM or PM) appears to the right of the hour.





■ To deactivate the "On time," select "Off" during this step.



8

When finished setting the timer, press the **MENU** button three times to exit.

Setting the Sleep Timer

The sleep timer automatically shuts off the TV after a preset time (from 10 to 180 minutes).

1
Press the SLEEP button on the remote control.

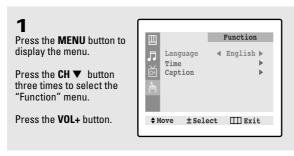
2
Press the SLEEP button repeatedly until the appropriate time

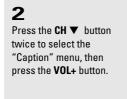
interval appears (any of the preset values from "Off" to "180").

■ After about 5 seconds, the sleep display will disappear from the screen, and the time interval will be set.

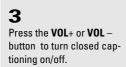
Viewing Closed Captions

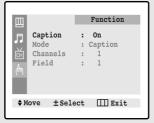
Your TV decodes and displays the closed captions that are broadcast with certain TV shows. These captions are usually subtitles for the hearing impaired or foreign-language translations. All VCRs record the closed caption signal from television programs, so home-recorded video tapes also provide closed 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].

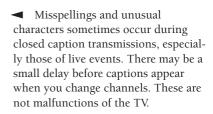


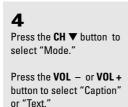


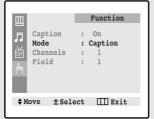












■ In caption mode, captions appear at the bottom of the screen, and they usually cover only a small portion of the picture.

In text mode, information unrelated to the program, such as news or weather, is displayed. Text often covers a large portion of the screen.

■ 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.)



Depending on the particular broadcast, it might be necessary to make changes to "Channels" and "Field": Use the $\mathbf{CH} \triangle$, $\mathbf{CH} \nabla$, $\mathbf{VOL} +$ and $\mathbf{VOL} -$ buttons to make the

Use the CH ▲, CH ▼, VOL + and VOL - buttons to make the changes. (Follow the same procedure as in steps 3~4 above.) Press the MENU button three times to exit.

Chapter Five

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, then call your nearest Samsung authorized service center.

Identifying Problems

Problem	Possible Solution	
Poor picture	Try another channel. Adjust the antenna. Check all wire connections.	
Poor sound quality.	Try another channel. Adjust the antenna.	
No picture or sound.	Try another channel. Press the TV/VIDEO button. Make sure the TV is plugged in. Check the antenna connections.	
No color, wrong colors or tints.	Make sure the program is broadcast in color. Adjust the picture settings. If the set is moved or turned in a different direction, the power should be OFF for at least 30 minutes.	
Picture rolls vertically.	Adjust the antenna. 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.	

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.

Specifications

Model	CT-14H4/CT-14V10MJ/CT-15K10MS CT-17N11MJ/CT-20H4/CT-20V10MJ
Voltage	AC 100-240V
Frequency of Operation	50/60Hz

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