

SYLVANIA HOME ENTERTAINMENT WARRANTY

We appreciate your purchase of a SYLVANIA Home Entertainment product. We take pride in the quality of our products and have manufactured your new Home Entertainment unit to exacting quality standards. We feel confident that in normal use, it will provide you with satisfactory performance. However, should you experience difficulty, you are protected under the provisions of this warranty. SYLVANIA Home Entertainment products are warranted against manufacturing defects in materials and workmanship in normal use for the following periods from the date of purchase by the original user, and is conditional upon the unit being installed and used as directed in the instruction manual.

<u>Product</u>	<u>Labour</u>	<u>Parts</u>	<u>Picture Tube</u>
Colour Televisions	1 Year	1 Year	3 Years
Remote Control	90 Days	90 Days	—
B/W Televisions	90 Days	1 Year	1 Year

SYLVANIA's obligation under this warranty shall be limited to the repair, including all necessary parts and the cost of the labour connected therewith, or at our option the exchange of any Home Entertainment product which shows evidence of a manufacturing defect within the warranty period. Replacement parts, furnished in connection with this warranty shall be warranted for a period equal to the unexpired portion of the original equipment warranty.

CUSTOMER OBLIGATIONS

This warranty applies to the product from the original date of purchase at retail. Therefore, the owner must provide a copy of the original, dated bill of sale. No warranty service will be performed without a bill of sale. Transportation to and from the service depot is the responsibility of the owner.

WARRANTY EXCLUSIONS

This warranty is extended to SYLVANIA Home Entertainment products purchased and used in Canada. This warranty shall not apply to appearance or accessory items including but not limited to: antenna, cabinet, cabinet parts, knobs, batteries, connecting cables. This warranty shall, in addition, not apply to damages due to handling, transportation, unpacking, set-up, installation, customer adjustments that are covered in the instruction book, repair or replacement of parts supplied by other than the SYLVANIA authorized service depot, any malfunction or failure caused by or resulting from abnormal environmental conditions, improper unauthorized service, improper maintenance, modifications or repair by the consumer, abuse, misuse, neglect, accident, fire, flood, or other Acts of God, and incorrect line voltage. This Home Entertainment product is only warranted to the original retail purchaser. This warranty becomes void in the event of commercial or rental use. This warranty becomes void in the event serial numbers are altered, defaced or removed. SYLVANIA reserves the right to make changes in design or to make additions to or improvements upon this product without incurring any obligation to install the same on products previously manufactured. The foregoing is in lieu of all other warranties expressed or implied and SYLVANIA neither assumes nor authorizes any person to assume for it any other obligation or liability in connection with the sale or service of this product. In no event shall SYLVANIA or its SYLVANIA dealers be liable for special or consequential damage arising from the use of this product, or for any delay in the performance of this warranty due to cause beyond our control.

The purchaser may have other rights under existing provincial or federal laws, and where any terms of this warranty are prohibited by such laws, they are deemed null and void, but the remainder of the warranty shall remain in effect.

HOW TO OBTAIN SERVICE

Should this product require service, you may obtain specific information on how to obtain service by contacting the SYLVANIA Dealer from whom this product was purchased, or by contacting us directly:

SONIGEM SERVICE
300 Alden Road
Markham, Ontario
L3R 4C1
PHONE: (905) 940-5089 FAX: (905) 940-2303
1-800-287-4871

Printed in Malaysia
L6653CD * * * * *

Owner's Manual

SYLVANIA
32 INCH
COLOR TELEVISION
C6432TD

FEATURES

- **AV MEMORY**
- **MTS/SAP Tuner**
- **181 Channel Selection-** All VHF/UHF channels plus up to 125 cable channels.
- **PLL Frequency Synthesized Tuning-** The latest PLL frequency synthesized electronic tuning system provides free and easy channel selection, and lets you tune directly to any channel using the channel number buttons (0~9 and +100-key) on the remote control.
- **On-Screen Function Display.**
- **Full-Function Remote Control**
- **Sleep Timer**
- **Closed Caption Decoder-** You may view specially labeled (cc) TV programs, movies, news, prerecorded tapes, etc. with either a dialogue caption or text display added to the program.
- **Auto Shut Off Function-** If there is no air signal input from the antenna terminal and no user operation for 15 minutes, the TV will turn itself off automatically.
- **V-CHIP-** Enables parents to prevent their children from watching inappropriate material on TV.
- **S-VIDEO Input-** Allows you to get better picture detail and clarity for the playback of S-VHS VCR tapes or Video Discs.
- **Front/Rear AV Input**
- **Component VIDEO Input**
- **Rear Audio Output**

PRECAUTIONS

- Place your TV in a room with adequate ventilation.
- Keep your TV set away from sources of direct heat, such as heat registers or direct sunlight.
- Do not place your TV on soft surfaces, such as rugs or blankets.
- Leave enough room for air to circulate around the bottom, top and back of the set.

NOTE: CHANNEL SET UP MUST BE COMPLETED BEFORE THE SET WILL FUNCTION PROPERLY. SEE INSIDE FOR PROCEDURE.

The serial number of this product may be found on the back of the TV. No others have the same serial number as yours. You should record the number and other vital information here and retain this book as a permanent record of your purchase to aid identification in case of theft.

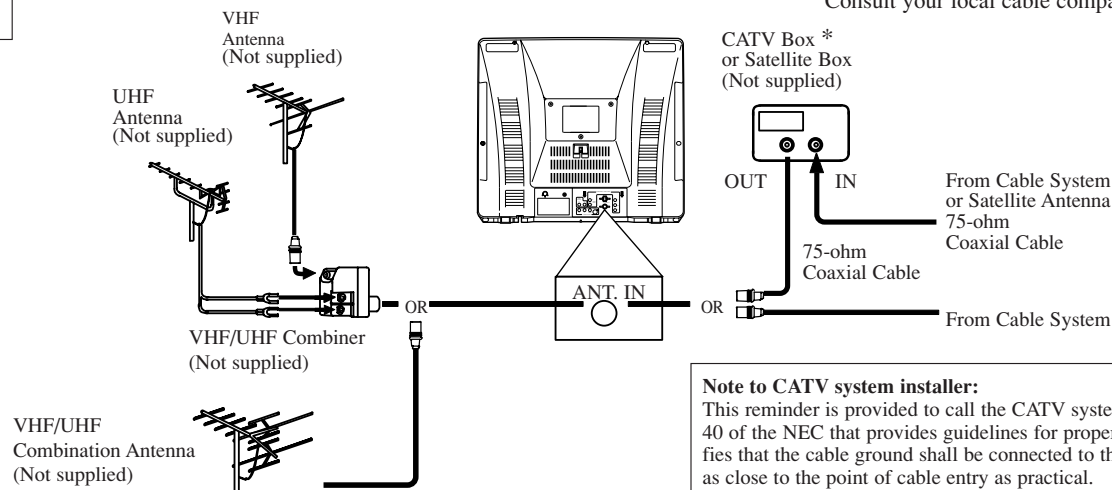
Date of Purchase		Dealer Phone No.	
Dealer Purchase from		Model No.	
Dealer Address		Serial No.	

This Owner's Manual is made of recycled paper.

IF YOU NEED ADDITIONAL ASSISTANCE FOR SET-UP OR OPERATING AFTER READING OWNER'S MANUAL, PLEASE CALL TOLL FREE 1-800-287-4871.

ANTENNA/CABLE CONNECTIONS

CAUTION: TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE SLOT, FULLY INSERT.



CLOSED CAPTION

This TV can receive C1 and C2 Caption and Text.

Caption Mode

- (1) Closed Caption Characters can be displayed on the TV screen only when the received broadcast signal contains Caption Signals.
- (2) **Paint-on mode:** Displays input characters on the screen immediately.
Pop-on mode: Once characters are stored in memory, they are displayed all at once.
Roll-up mode: Displays the characters continuously by scrolling (max. 4 lines)
Note: If CAPTION C1 or C2 is selected but a Closed Caption signal is not included, characters will not be displayed.

Text Mode

- (1) Displays the text on the screen by scrolling (max. 7 lines)
- (2) If the received broadcast signal does not contain caption or text signals, no change will occur.

Notes:

- (1) When your TV receives a special effects playback signal (i.e., Search, Slow, Still) from a VCR's video output channel (CH3 or CH4), your TV may not display the correct caption or text.
- (2) Captions and texts may not match the TV voice exactly.
- (3) Interference may cause the closed caption system not to function properly.
- (4) The caption or text characters will not be displayed while the menu display or functions display is shown.
- (5) **If you see this screen:**



If your TV displays a black box on the screen, this means that your TV is set to TEXT mode. To clear screen, select CAPTION C1, C2 or CAPTION [OFF].

WARNING:

TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLI-
ANCE TO RAIN OR MOISTURE.

CAUTION

RISK OF ELECTRIC SHOCK
DO NOT OPEN

CAUTION:

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

THIS SYMBOL INDICATES THAT DAN-
GEROUS VOLTAGE CONSTITUTING A
RISK OF ELECTRIC SHOCK IS PRE-
SENT WITHIN THIS UNIT.

THIS SYMBOL INDICATES THAT
THERE ARE IMPORTANT OPERATING
AND MAINTENANCE INSTRUCTIONS
IN THE LITERATURE ACCOMPANYING
THE APPLIANCE.

SYMBÔLE D'AVERTISSEMENT POUR
LES COMPOSANTES
APPAREILS ET MEUBLES À ROULETTES

SST26A

The important note is located on the rear of the cabinet.

IMPORTANT SAFEGUARDS

1. Read instructions-All the safety and operating instruc-
tions should be read before the appliance is operated.

2. Retain Instructions-The safety and operating instruc-
tions should be retained for future reference.

3. Heed Warnings-All warnings on the appliance and in
the operating instructions should be adhered to.

4. Follow Instructions-All operating and use instructions
should be followed.

5. Cleaning-Unplug TV from the wall outlet before clean-
ing. Do not use liquid cleaners or aerosol cleaners. Use
a damp cloth for cleaning.
EXCEPTION: A product that is meant for uninterrupt-
ed service and, that for some specific reason, such as
the possibility of the loss of an authorization code for a
CATV converter, is not intended to be unplugged by
the user for cleaning or any other purpose, may
exclude the reference to unplugging the appliance in
the cleaning description otherwise required in item 5.

6. Attachments-Do not use attachments not recommended
by the TV manufacturer as they may cause hazards.

7. Water and Moisture-Do not use this TV near water, for
example, near a bath tub, wash bowl, kitchen sink, or
laundry tub, in a wet basement, or near a swimming
pool, and the like.

8. Accessories-Do not place this TV on an unstable cart,
stand, tripod, bracket, or table. The TV may fall, caus-
ing serious injury to someone, 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.
Any mounting of the appliance should follow the man-
ufacturer's instructions and should
use a mounting accessory recom-
mended by the manufacturer. An
appliance and cart combination
should be moved with care. Quick
stops, excessive force, and uneven
surfaces may cause the appliance
and cart combination to overturn.

AMEUBLES- Cet appareil ne doit être placé que sur un
meuble (avec ou sans roulettes) recommandé par le
fabricant. Si vous l'installez sur
un meuble à roulettes, déplacez
les deux ensembles avec précau-
tion. Un arrêt brusque, l'utilisation
d'une force excessive et des sur-
faces irrégulières risquent de
déstabiliser l'ensemble et de le
renverser.

9. Ventilation-Slots and openings in the cabinet and the
back or bottom are provided for ventilation and to
ensure reliable operation of the TV and to protect it
from overheating, these openings must not be blocked
or covered. The openings should never be blocked by
placing the TV on a bed, sofa, rug, or other similar sur-
face. This TV should never be placed near or over a
radiator or heat register. This TV should not be placed
in a built-in installation such as a bookcase or rack
unless proper ventilation is provided or the manu-
facturer's instructions have been adhered to .

10. Power Sources-This TV should be operated only from
the type of power source indicated on the marking
label. If you are not sure of the type of power supply to
your home, consult your appliance dealer or local
power company. For TVs intended to operate from bat-
tery power, or other sources, refer to the operating
instructions.

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

SYMBÔLE D'AVERTISSEMENT POUR
LES COMPOSANTES
APPAREILS ET MEUBLES À ROULETTES

SST26A

PORTABLE CART WARNING

SST26A

FIGURE A
EXAMPLE OF ANTENNA GROUNDING AS PER
NATIONAL ELECTRICAL CODE

NEC - NATIONAL ELECTRICAL CODE
S2898A

12. Power-Cord Protection-Power-supply cords should be
routed so that they are not likely to be walked on or
pinched by items placed upon or against them, paying
particular attention to cords at plugs, convenience
receptacles, and the point where they exit from the
appliance.

13. Outdoor Antenna grounding-If an outside antenna or
cable system is connected to the TV, be sure the anten-
na or cable system is grounded so as to provide some
protection against voltage surges and built-up static
charges. Article 810 of the National Electrical Code,
ANSI/NFPA No. 70, provides information with respect
to proper grounding of the mast and supporting struc-
ture, grounding of the lead-in wire to an antenna dis-
charge unit, size of grounding conductors, location of
antenna-discharge unit, connection to grounding elec-
trodes, and requirements for the grounding electrode.
(Fig. A)

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

15. Power Lines-An outside antenna system should not be
located in the vicinity of overhead power lines or other
electric light of power circuits, or where it can fall into
such power lines or circuits. When installing an outside
antenna system, extreme care should be taken to keep
from touching such power lines or circuits as contact
with them might be fatal.

16. Overloading-Do not overload wall outlets and extension
cords as this can result in a risk of fire or electric shock.

17. Object and Liquid Entry-Never push objects of any
kind into this TV through openings as they may touch
dangerous voltage points or short out parts that could
result in a fire or electric shock. Never spill liquid of
any kind on the TV.

18. Servicing-Do not attempt to service this TV yourself as
opening or removing covers may expose you to dan-
gerous voltage or other hazards. Refer all servicing to
qualified service personnel.

19. Damage Requiring Service-Unplug this TV from the
wall outlet and refer servicing to qualified service per-
sonnel under the following conditions:
a. When the power supply cord or plug is damaged or
frayed.
b. If liquid has been spilled, or objects have fallen into
the TV.
c. If the TV has been exposed to rain or water.
d. If the TV does not operate normally by following the
operating instructions. Adjust only those controls that
are covered by the operating instructions, as improper
adjustment of other controls may result in damage and
will often require extensive work by a qualified techni-
cian to restore the TV to its normal operation.
e. If the TV has been dropped or damaged in any way.
f. When the TV exhibits a distinct change in perfor-
mance-this indicates a need for service.

20. Replacement Parts-When replacement parts are
required, be sure the service technician uses replace-
ment parts specified by the manufacturer that have the
same characteristics as the original part. Unauthorized
substitutions may result in fire, electric shock, injury to
persons or other hazards.

21. Safety Check-Upon completion of any service or
repairs to this TV, ask the service technician to perform
routine safety checks to determine that the TV is in
proper operating condition.

22. Heat-This TV product should be situated away from
heat sources such as radiators, heat registers, stoves, or
other products (including amplifiers) that produce heat.

OPERATING CONTROLS AND FUNCTIONS

- FRONT PANEL -

- REMOTE CONTROL -

1. **VIDEO (in) jack**- Connect to the video
output jack of a video camera or VCR.

2. **AUDIO L/R (in) jacks**- Connect to the
left/right channel audio output jacks of a
video camera or VCR.
NOTE: The AUDIO L (IN) jack is for
mono input. The sound is heard from both
speakers. Use this jack for monaural audio
equipment to be hooked up.

3. **MENU button**- Press to display the menu
on the TV screen.

4. **VOLUME ▲/▼ buttons**- Press to control
the volume level.
Press to determine the setting mode from the
menu on the TV screen. (only the VOL ▲ button)
Press to select or adjust from a particular
menu. (for example: Language Selection,
Channel Presetting, Closed Caption Selection,
Picture Adjustment, V-CHIP Set Up)

5. **CHANNEL ▲/▼ buttons**- Press to select
memorized channel.
NOTE: You MUST PRESET channels
BEFORE using CHANNEL ▲/▼ buttons.
(See CHANNEL PRESETTING.)
Press to select the setting mode from the
menu on the TV screen.
Press to select item you want to adjust in
the picture control mode.

6. **POWER button**- Press to turn the TV ON
and OFF.

7. **Infrared Sensor Window**- Receives the
infrared control signals from the remote
control unit.

8. **CHANNEL NUMBER buttons**- Press two
digits to directly access the desired channel.
Remember to press a "0" before a single
digit channel.

9. **MUTE button**- Press the MUTE button to
turn off the sound portion of the TV pro-
gram. (Volume level display turns LIGHT
RED from LIGHT BLUE.) Press the
MUTE button again or press the VOL(ume)
▲ or ▼ button to restore sound.

10. **INPUT SELECT button**- Press to select
TV or the external input (VIDEO1,
VIDEO2, or COMPONENT) mode.
(See USING AUDIO/VIDEO INPUT JACKS.)

11. **CHANNEL RETURN button**- Press this
button to go back to the previously viewed
channel. For example, pressing the CHAN-
NEL RETURN button once will change
channel display from CH 3 (present chan-
nel) to CH 10 (previously viewed channel),
and pressing it a second time will return
from CH 10 to CH 3.

- REAR PANEL -

12. **DISPLAY button**- Press to display the
channel number on the screen. If you press
it again, the channel number will disappear.

13. **SLEEP button**- Press the SLEEP button to
display the sleep timer and start the func-
tion. The shut off time can be determined by
the number of times you press the button.
(0, 10, 20, 30,..90, 0 minutes)

14. **GAME button**- Press to set the Game
mode. To exit, press the INPUT SELECT
button.
(See USING AUDIO/VIDEO INPUT
JACKS and PICTURE ADJUSTMENT.)

15. **AC cord**- Connect to a standard AC outlet
(120V/60Hz).
NOTE: Unwrap the AC cord completely
from the backcover before plugging the
cord into an AC outlet.

16. **AUDIO L/R (out) jacks**- Connect to the
audio input of an external amplifier or
decoder.

17. **S-VIDEO input jack**- Connect to the S-
VIDEO output jack of a video camera or
VCR using the S-VIDEO cable (not sup-
plied).
NOTE: The S-VIDEO jack on the rear
panel is given priority over the VIDEO1
jack.

18. **ANT(enna). IN jack**- Connect to an anten-
na, cable system, or satellite system.

19. **COMPONENT AUDIO INPUT jacks**-
Connect to the left/right channel audio out-
put jacks of DVD player when using the
Component Video input jacks.

20. **COMPONENT VIDEO INPUT jacks**-
Connect to the Component Video output
jacks of DVD player.

INSTALLING THE BATTERIES

1) Slide the battery compartment cover back
on the remote unit.

2) Insert 2 "AA" penlight batteries into battery
compartment in the direction as indicated
by the polarity (+ / -) markings. Batteries
installed with incorrect polarity may dam-
age the remote unit.

3) Replace the cover.

USING AUDIO/VIDEO INPUT JACKS

When you use the AUDIO/VIDEO input jacks
or COMPONENT VIDEO INPUT jacks, select
“VIDEO1” or “VIDEO2” or “COMPONENT”
mode by pressing the INPUT SELECT button
on the remote control.

- To use the VIDEO1 INPUT jacks on the rear
of the TV, select “VIDEO1”.
- To use the jacks on the front of the TV, select
“VIDEO2”.
- To use the Component jacks on the rear of
the TV, select “COMPONENT”.

NOTES:

- You may also set the Game mode by press-
ing the GAME button on the remote control.
"GAME" appears on the TV screen. In this
case, connect the external source to the
AUDIO/VIDEO jacks on the front panel.
(See PICTURE ADJUSTMENT.)
- When you use the S-VIDEO connection,
S-VIDEO jack on the rear panel is given pri-
ority over the VIDEO1 jack.

PREPARATION FOR USE

LANGUAGE SELECTION

If you want to change the language of the on-screen menu, follow the procedure below.

1) Connect the power cord to a standard AC outlet.
Note: If some digits appear in the corner of the screen, press the POWER button without unplugging the power cord.

2) Press the POWER button to turn on the TV.

3) Press the MENU button so that the menu display appears on the TV screen.

4) Press the CH(annel) ▲ or ▼ button to point to "[ENGLISH]".

5) Select "ENGLISH" or "FRANÇAIS" = French by using the VOL(ume) ▲ or ▼ button.

6) Press the MENU button to exit the menu.

CHANNEL PRESETTING

NOTE:You MUST PRESET channels BEFORE using CHANNEL ▲ or ▼ button.

To preset a channel or to change a preset channel, follow the procedure below.

1) Press the POWER button to turn on the TV.

2) Press the MENU button so that the menu display appears on the TV screen.

3) Press the CH(annel) ▲ or ▼ button to point to "CHANNEL SET". Then, press the VOL(ume) ▲ button.

4) Press the CH(annel) ▲ or ▼ button to point to "AUTO MEMO". Then, press the VOL(ume) ▲ button.

The tuner scans and memorizes all active channels in your area.

- The TV distinguishes between standard TV channels and cable (CATV) channels.
- When AUTO MEMO action is completed, the lowest memorized channel reappears on the screen.
- When you press the CH(annel) ▲ or ▼ button after selecting AUTO MEMO, the tuner will stop at the memorized channels only.
- The TV may memorize TV channels as CATV channels if the reception conditions are poor. If this happens, try the AUTO MEMO action again when reception conditions are better.

PICTURE CHANNEL SET [ENGLISH]FRANÇAIS V-CHIP SET UP CAPTION [OFF] TV SOUND [MAIN]

ADD/DELETE AUTO MEMO

[ADD/DELETE FUNCTION]

1) Press the MENU button so that the menu display appears on the TV screen.

2) Press the CH(annel) ▲ or ▼ button to point to "CHANNEL SET". Then, press the VOL(ume) ▲ button.

PICTURE CHANNEL SET [ENGLISH]FRANÇAIS V-CHIP SET UP CAPTION [OFF] TV SOUND [MAIN]

OPERATIONS

WATCHING A TV PROGRAM

1) Press the POWER button to turn on the TV.

2) Select the desired channel with the CH(annel) ▲ or ▼ button.

3) Adjust the volume to the desired listening level using the VOL(ume) ▲ or ▼ button.

4) Adjust picture controls for a natural looking image. (See "PICTURE ADJUSTMENT".)

SETTING THE SLEEP TIMER

The sleep timer function allows you to have the POWER automatically turn off after a set time period.

1) Press the POWER button to turn on the TV and press the SLEEP button on the remote control .

2) You may change the sleep time by pressing the SLEEP button on the remote control repeatedly. The timer can be set up to 90 minutes, 10 minutes each time the SLEEP button is pushed. (The timer display counts up and sleep timer will be displayed on the screen when you press the SLEEP button on remote control.)

Note: When you disconnect the unit from the AC outlet, or if you have a power failure, the sleep time will be lost.

SLEEP 10

To cancel the sleep timer:
Press the SLEEP button repeatedly until "SLEEP 0" is displayed.

CLOSED CAPTION SELECTION

You may view specially labeled (cc) TV programs, movies, news, prerecorded tapes, etc. with either a dialogue caption or text display added to the program.

1) Press the MENU button so that the menu display appears on the TV screen.

2) Press the CH(annel) ▲ or ▼ button to point to "CAPTION".

3) Press the VOL(ume) ▲ or ▼ button to select the mode you wish.

4) When done, press the MENU button to exit the menu.

◀▶ : Press the VOL(ume) ▲ or ▼ button.

PICTURE CHANNEL SET [ENGLISH]FRANÇAIS V-CHIP SET UP CAPTION [OFF] TV SOUND [MAIN]

PICTURE CHANNEL SET [ENGLISH]FRANÇAIS V-CHIP SET UP CAPTION [C1] TV SOUND [MAIN]

PICTURE CHANNEL SET [ENGLISH]FRANÇAIS V-CHIP SET UP CAPTION [C2] TV SOUND [MAIN]

PICTURE CHANNEL SET [ENGLISH]FRANÇAIS V-CHIP SET UP CAPTION [T1] TV SOUND [MAIN]

PICTURE CHANNEL SET [ENGLISH]FRANÇAIS V-CHIP SET UP CAPTION [T2] TV SOUND [MAIN]

AV MEMORY

This feature allows you to expand your viewing experience select MANUAL, SPORT, NEWS, MOVIE, and GAME to match the program you are watching.

1) Press the MENU button so that the menu display appears on the TV screen.

2) Press the VOL(ume) ▲ button so that "PICTURE" is selected.

3) Select the item with the CH(annel) ▲ or ▼ button.

3) Press the VOL(ume) ▲ button so that "ADD/DELETE" is selected.

4) Use the CH(annel) ▲ or ▼ button to select the channel you wish to put into memory or to erase from memory.

Note: The display will return to the normal screen automatically in about 10 seconds.

Perform "ADD/DELETE" function while this display appears on the screen.

- Press the VOL(ume) ▲ or ▼ button to light up the channel number in LIGHT BLUE if you wish to add the channel into memory.
- Press the VOL(ume) ▲ or ▼ button to light up the channel number in LIGHT RED if you wish to erase the channel from memory.

5) Press the MENU button to exit the menu.

ADD/DELETE AUTO MEMO

MTS (Multi-Channel Television Sound) System

You can listen to a program in MTS stereo by following the steps below.

Menu Selection Type of broadcast	MAIN	MONO	SAP
Normale	-None-	-None-	-None-
Stereo broadcast	STEREO	MONO	STEREO
SAP	MAIN	MAIN	SAP

To show the status, press the DISPLAY button on the remote control.

SAP: Second Audio Program, which means your program, can also be received in a second language or sometimes a radio station.

[To Select STEREO, MONO or SAP in Stereo broadcast]

1) Press the MENU button so that the menu display appears on the TV screen.

2) Press the CH(annel) ▲ or ▼ button to point to "TV SOUND".

3) Press the VOL(ume) ▲ or ▼ button to select your desired stereo mode. ([MAIN], [MONO] or [SAP].)

◀▶ : Press the VOL(ume) ▲ or ▼ button.

PICTURE CHANNEL SET [ENGLISH]FRANÇAIS V-CHIP SET UP CAPTION [OFF] TV SOUND [MAIN]

PICTURE CHANNEL SET [ENGLISH]FRANÇAIS V-CHIP SET UP CAPTION [OFF] TV SOUND [MONO]

PICTURE CHANNEL SET [ENGLISH]FRANÇAIS V-CHIP SET UP CAPTION [OFF] TV SOUND [SAP]

RESUME FUNCTION

If the power fails or is disconnected while the TV is powered on, the TV will turn on automatically when the power resumes.

Note:

- See “Picture adjustment” to manually customize the picture.

◀▶ : Press the CH(annel) ▲ or ▼ button.

NANUAL

SPORT

NEWS

MOVIE

GAME

PICTURE ADJUSTMENT

1) Press the MENU button so that the menu display appears on the TV screen.

2) Press the VOL(ume) ▲ button so that "PICTURE" is selected.

3) Press the CH(annel) ▲ or ▼ button to select “MANUAL”. Then, press the VOL(ume) ▲ button.

4) Select the feature you wish to adjust with the CH(annel) ▲ or ▼ button and adjust it with the VOL(ume) ▲ or ▼ button.

	VOL(ume)▼	VOL(ume)▲
BRIGHT	to decrease brightness	to increase brightness
CONTRAST	to decrease contrast	to increase contrast
COLOR	to pale	to brilliant
TINT	to purple	to green
SHARPNESS	to soft	to clear

◀▶ : Press the CH(annel) ▲ or ▼ button.

[-] BRIGHT [+]
○○○○○○○○●○○○○○○○

[-] CONTRAST [+]
○○○○○○○○●○○○○○○○

[-] COLOR [+]
○○○○○○○○●○○○○○○○

[-] TINT [+]
○○○○○○○○●○○○○○○○

[-] SHARPNESS [+]
○○○○○○○○●○○○○○○○

Note:

- In the above steps, the picture adjustment display will disappear from the TV screen automatically after about 10 seconds if you do not press any buttons. Press the MENU and VOL(ume) ▲ button so that "PICTURE" is selected. Then, press the CH(annel) ▲ or ▼ button repeatedly until the display returns to the screen.

[USING THE GAME BUTTON]

You can set the Game mode and front AUDIO/VIDEO input mode at the same time by pressing the GAME button on the remote control. “GAME” appears on the TV screen.

- To exit the Game mode and external input mode, press the INPUT SELECT button on the remote control.
- To cancel the Game mode only, adjust the AV MEMORY. In this case, “VIDEO2” instead of “GAME” appears on the TV screen.
- If you press the GAME button when the TV is off, the TV turns on and will be in the Game mode and external input mode automatically.

OPERATIONS (Continued)

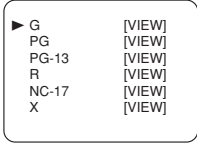
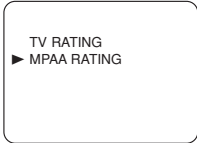
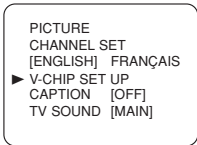
V-CHIP SET UP

V-CHIP enables parents to prevent their children from watching inappropriate material on TV. V-CHIP reads the ratings for programming (except for news and sports programs, unedited movies on premium cable channels, and Emergency Broadcast System signals), then denies access to programming if the program's rating meets or exceeds the limitations you select. In this case, "PROTECTED PROGRAM by ..." message appears on the TV screen. To block certain ratings, follow the steps below.

- Programming may be rated by the Motion Picture Association of America (MPAA) or according to the Television Parental Guidelines. In order to block any inappropriate programming, set your limits in both places (MPAA RATING and TV RATING).
- You cannot access the menu when the "PROTECTED PROGRAM by ..." message appears. In this case, change to an unblocked channel, then press the MENU button.

[MPAA RATING SET UP]

- 1) Press the MENU button so that the menu display appears on the TV screen.
- 2) Press the CH(annel) ▲ or ▼ button to point to "V-CHIP SET UP". Then, press the VOL(ume) ▲ button.
- 3) Press the CH(annel) ▲ or ▼ button to point to "MPAA RATING". Then, press the VOL(ume) ▲ button.
- 4) Press the CH(annel) ▲ or ▼ button to point to your desired item. Then, press the VOL(ume) ▲ button to select [BLOCK] or [VIEW].



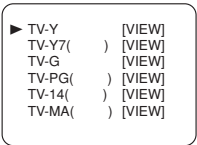
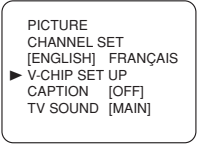
<Selection>	<Rating Category Explanations>
• G:	General Audience
• PG:	Parental Guidance suggested.
• PG-13:	Unsuitable for children under 13
• R:	Restricted; under 17 requires accompanying parent or adult guardian
• NC-17:	No one under 17 admitted
• X:	Mature audience only

- When you select the rating category and turn it to [BLOCK], the higher rating will turn [BLOCK] automatically. Also, the lower rating will turn [VIEW] automatically.
- When you turn "G" to [BLOCK] or [VIEW], the all ratings will turn to [BLOCK] or [VIEW] automatically.
- When you turn "X" to [VIEW], then all ratings will turn to [VIEW] automatically.
- 5) Press the MENU button to exit the menu.

[TV RATING SET UP]

- 1) Press the MENU button so that the menu display appears on the TV screen.
- 2) Press the CH(annel) ▲ or ▼ button to point to "V-CHIP SET UP". Then, press the VOL(ume) ▲ button.
- 3) Press the CH(annel) ▲ or ▼ button to point to "TV RATING". Then, press the VOL(ume) ▲ button.
- 4) Press the CH(annel) ▲ or ▼ button to point to your desired item. Then, press the VOL(ume) ▲ button to select [BLOCK] or [VIEW].

<Selection>	<Rating Category Explanations>
• TV-Y:	Appropriate for all children
• TV-Y7:	Appropriate for children seven and older
• TV-G:	General Audience
• TV-PG:	Parental Guidance suggested.
• TV-14:	Unsuitable for children under 14
• TV-MA:	Mature audience only



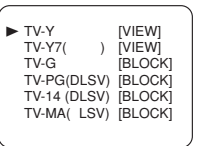
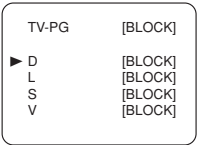
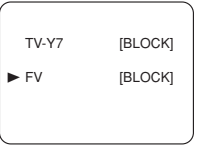
- When you select the rating category and turn it to [BLOCK], the higher rating will turn [BLOCK] automatically. Also, the lower rating will turn [VIEW] automatically.
- When you turn "TV-Y" to [BLOCK] or [VIEW], then all ratings will turn to [BLOCK] or [VIEW] automatically.
- When you turn "TV-MA" to [VIEW], then all ratings will turn to [VIEW] automatically.

When you select TV-Y7, TV-PG, TV-14, or TV-MA and you press the VOL(ume) ▲ button, the sub-ratings will appear on the TV screen. If you select the rating category (example: TV-PG) and turn it to [BLOCK] or [VIEW], the sub-ratings (example: V for Violence) will turn [BLOCK] or [VIEW] automatically. You can set the sub-ratings to [BLOCK] or [VIEW] individually when the rating category is set to [BLOCK]. To set the sub-ratings individually, follow the steps below.

- When you select [TV-Y7]:** Press the CH(annel) ▲ or ▼ button to select "FV" (Fantasy Violence). Then, press the VOL(ume) ▲ button to select [BLOCK] or [VIEW].
- When you select [TV-PG], [TV-14] or [TV-MA]:** Press the CH(annel) ▲ or ▼ button to select "D" (Suggestive Dialog), "L"(Coarse Language), "S"(Sexual Situation), or "V" (Violence). Then, press the VOL(ume) ▲ button to select [BLOCK] or [VIEW].

Notes:

- When you select [TV-MA], "D" does not appear on the TV screen.
- The sub-ratings which set to [BLOCK] appear next to the rating category in the TV RATING menu.



- 5) Press the MENU button to exit the menu.

TROUBLESHOOTING GUIDE

Sometimes a performance problem can be easily solved by checking seemingly apparent but often overlooked possibilities. Before arranging for service, check these items. It could save you time and money.

QUICK SERVICE CHECK LIST	PROBLEM	Remote Control Doesn't Work	Bars On Screen	Picture Distorted	Picture Rolls Vertically	No Color	Poor Reception on Some Channels	Weak Picture	Lines or Streaks in Picture	Ghosts in picture	Picture Blurred	Sound OK, Picture Poor	Picture OK, Sound Poor	No Picture or Sound	Different color marks on screen
POSSIBLE REMEDY															
Try a new channel, if OK, then possible station trouble.			X	X	X	X	X	X	X	X	X	X	X	X	X
Is TV plugged in? Power at outlet?	X													X	
Is TV's POWER button on?														X	
Is antenna connected to terminal on the back of the set?						X	X	X		X		X		X	
If outside antenna is being used, check for broken wire.			X	X	X	X	X	X	X	X	X	X		X	
Check for local interference.			X		X		X		X	X		X	X		
Turn off with POWER button and then turn it on after about a minute.														X	
Adjust COLOR control.						X									
Adjust CONTRAST & BRIGHT control.								X				X			
Check batteries in Remote Control.	X														
Move the TV away from the nearby appliances which have Magnetism. Turn off using the POWER button, then turn it on again 30 minutes or so later.															X

Closed Caption Problem	Possible Remedy
My TV is showing captions that are misspelled.	You are watching a live broadcast and spelling errors made by the closed captioning production company may pass through uncorrected. A prerecorded program will not show any misspelled words because of the normal time available for editing the captions.
My TV will not show the text in its entirety or there is a delay of what is being said.	Captions that are delayed a few seconds behind the actual dialogue are common for live broadcasts. Most captioning production companies can display a dialogue to a maximum of 220 words per minute. If a dialogue exceeds that rate, selective editing is used to insure that the captions remain up-to-date with the current TV screen dialogue.
My captions are scrambled with white boxes on the TV screen.	Interference caused by building, power lines, thunderstorms, etc. may cause scrambled or incomplete captions to appear.
My program guide listed a TV show as being closed captioned but none of the captions were displayed.	Broadcasters may at times use a time compression process to the actual program so that additional advertising time can be given. Since the decoder cannot read the compressed information, captions will be lost.
My prerecorded videotape does not show any captions. The tape box mentions it being closed captioned.	The videotape was either an illegal copying or the tape duplicating company accidentally left out the captioning signals during the copying process.
My TV screen shows a black box on certain channels.	You are in the TEXT mode. Select CAPTION mode or CAPTION [OFF].

As an ENERGY STAR® Partner, our company has determined that this product meets the ENERGY STAR® guidelines for energy efficiency. ENERGY STAR® is a U.S. registered mark.

MAINTENANCE

CABINET CLEANING

- Wipe the front panel and other exterior surfaces of the TV with a soft cloth immersed in lukewarm water and wrung dry.
- Never use a solvent or alcohol. Do not spray insecticide liquid near the TV. Such chemicals may cause damage and discoloration to the exposed surfaces.

SUPPLIED ACCESSORIES

Remote control unit (N0160UD)	Owner's Manual (0EMN02193)
Batteries ("AA" x 2)	



SPECIFICATIONS

GENERAL SPECIFICATIONS	ELECTRICAL SPECIFICATIONS
Television system: NTSC-M TV Standard	Sound output: 3W, 8 ohm x2
Closed Caption System: \$15.119/FCC	Remote control: Digital encoded infrared light system
Channel coverage VHF: 2 ~ 13 UHF: 14 ~ 69 CATV: 2 ~ 13, A ~ W, W+1 ~ W+84, A-5 ~ A-1, 5A 181 channel frequency synthesized tuning system	Operating temperature: 5°C to 40°C (41°F~104°F)
Tuning System	Power requirements: AC120V, 60Hz
Channel access: Direct access keyboard, programmable scan and up/down	Power consumption (Maximum): 134W
Terminals	Picture tube: 32"
Antenna input: VHF/UHF/CATV 75 ohm unbalanced (F-type)	Dimensions: H : 26-7/16" (671mm) W: 29-15/16" (760mm) D : 21-1/4" (540mm)
S-Video input: Mini DIN 4-pin jack	Weight: 112.4 lbs. (51kg)
Video input: RCA connector x 2	
Audio input: RCA connector x 6	
Audio output: RCA connector x 2	
Component Video Input	
One pin jack (Y) / Vpp (75 ohm)	
Two pin jack (Pb/Pk) / 700m Vpp (75 ohm)	
Stereo Sound System	
2 speakers	

•Designs and specifications are subject to change without notice and without our legal obligation.
•If there is a discrepancy between languages, the default language will be English.