

AVM-3260G AVM-3660G

Color TV Owner's Manual Color TV Manual Del Propietario

Welcome to the World of Sanyo

Thank you for purchasing a Sanyo Color Television. You made an excellent choice for Performance, Reliability, and Value. The TV is designed with easy on-screen set-up instructions and operating features. To meet the growing needs of our customers, this television has a "V-Chip" for parental controlled viewing.

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"As an ENERGY STAR® Partner, Sanyo has determined that this product meets the ENERGY STAR® guidelines for energy efficiency."



TV screen image / Imagen de la Pantalla del Televisor © 2000 PhotoDisc, Inc.

AVM-3260G pictured / Ilustró

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CAUTION

RISK OF ELECTRIC SHOCK DO NOT OPEN

THIS SYMBOL INDICATES THAT DANGEROUS VOLTAGE CONSTITUTING A RISK OF ELECTRIC SHOCK IS PRESENT WITHIN THIS UNIT.



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

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



WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

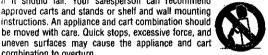
IMPORTANT SAFETY INSTRUCTIONS

CAUTION: PLEASE ADHERE TO ALL WARNINGS ON THE PRODUCT AND IN THE OPERATING INSTRUCTIONS. BEFORE OPERATING THE PRODUCT, PLEASE READ ALL OF THE SAFETY AND OPERATING INSTRUCTIONS, RETAIN THIS LITERATURE FOR REFERENCE. Follow all instructions...

Positioning the appliance

combination to overturn

Do not place your appliance on an unstable cart, stand, shelf or table. Serious injury to an individual, and damage to the appliance, may result if it should fall. Your salesperson can recommend approved carts and stands or shelf and wall mounting instructions. An appliance and cart combination should be moved with care. Quick stops, excessive force, and

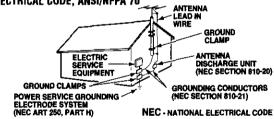


- Slots and openings in the cabinet and in the back or bottom are provided for ventilation. To ensure reliable operation of the appliance and to protect it from overheating, these openings must not be blocked or covered. The openings should never be covered with a cloth or other material, and the bottom openings should not be blocked by placing the unit on a bed, sofa, rug, or other similar surface. This appliance should never be placed near or over a radiator or heat register. This appliance should not be placed in a built-in installation such as a bookcase unless proper ventilation is provided.
- Do not expose the appliance to rain or use near water . . . for example, near a bathtub, swimming pool, kitchen sink, in a wet basement, etc.

Hooking Up Outdoor Antenna

LIGHTNING PROTECTION FOR YOUR ANTENNA AND SET AS PER NATIONAL ELECTRICAL CODE INSTRUCTIONS.

EXAMPLE OF ANTENNA GROUNDING ACCORDING TO NATIONAL ELECTRICAL CODE, ANSI/NFPA 70



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

If an outside antenna is connected to the receiver, be sure the antenna 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 70, provides information with respect to proper grounding of the mast and supporting structure, grounding of the lead in wire to an antenna discharge unit, size of grounding conductors, location of antenna discharge unit, connection to grounding electrodes, and requirements for the grounding electrode.

An outside antenna system should not be located 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 extreme care should be taken to keep from touching such power lines or circuits as contact with them might be fatal.

Plug in the power cord

- The design of many appliances does not require a polarized AC line plug (one blade wider than the other). However, if your appliance is equipped with a polarized AC line plug, it is a safety feature which prevents the plug being inserted incorrectly. If you have difficulty inserting the plug, try reversing it. If the plug still does not fit fully into the outlet, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of this polarized plug.
- Do not allow anything to rest on the power cord. Do not locate the appliance where the cord will be abused by persons walking on it.

Cleaning

Before cleaning, unplug the unit from the wall outlet. Do not apply liquid cleaners or aerosol cleaners directly to the unit. Use a dry cloth for cleaning.

Service & Repair

- Unplug the appliance from the wall outlet and refer servicing to qualified service personnel under the following conditions:
 - A. If the power cord or plug is damaged or fraved.
 - B. If liquid has been spilled into the appliance.
 - C. If the appliance has been exposed to rain or water.
 - D. If the appliance has been dropped or the cabinet has been damaged.
 - E. If the appliance exhibits a distinct change in performance.
 - F. If the appliance does not operate normally by following the operating instructions, adjust only those controls that are covered in the operating instructions. Improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the appliance to normal operation.
- Upon completion of any service or repair, request the service technician's assurance that only Factory Authorized Replacement Parts that have the same characteristics as the original parts were used, and that routine safety checks have been performed to determine that the appliance is in safe operating condition. Unauthorized substitutions may result in fire, electrical shock, or other hazards.
- 10. Never add accessories that have not been specifically designed for use with this appliance.
- For added protection during a lightning storm, or when the set is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna. This will prevent damage to the set due to lightning or power line surges.

FEATURES

- ◆ Trilingual On-Screen Menu
- ◆ Automatic Channel Search
- ◆ Auto Shut Off
- ◆ Closed-Captioning/QuikCap
- ◆ Comb Filter
- Digital picture controls with on-screen display
- MTS stereo/dbx®/SAP Decoder
- ◆ Color Enhancer
- ◆ Auto Flesh Tone
- XDS (Extended data service) station call letters, title of show, ratings
- Automatic picture/sound adjustments for Sports/Movie/News
- Initial Channel
- ◆ Bass/Treble
- Audio/Video Input Jacks (2 sets-R/L)
- ◆S-Video Input Jack (2 sets for Model AVM-3660G only)
- ◆ Fixed Audio Output Jacks
- ◆ V-Guide (Parental Control)
- ◆ Clock
- ◆ Sleep Timer (3 hours)
- ◆ TV Reset

181 Channel Tuning System

VHF Channels 2-13

UHF Channels 14-69 Cable TV (CATV) 1, 14-125

Automatic Fine Tuning

VHF and Cable Channels

Multi-Brand: Cable/VCR/TV/ Satellite/Auxiliary

Backlit keys and Large Glowin-the-Dark basic operating keys

Numbered Channel Selection Channel Scanning

Volume Power Recall Light

Enter Display Sleep

Mute

Caption VCR keys Video/TV•VCR Reset V-Guide Menu/Guide

dbx® is a registered trademark of Carillon Electronics Corporation

CAUTION: FCC Regulations state that improper modifications or unauthorized changes to this unit may void the user's authority to operate the unit.

SPECIFICATIONS

PICTURE TUBE SIZE (Measured Diagonally)

PICTURE RESOLUTION 330 Lines / Video Input 600 Lines

ANTENNA INPUT UHF/VHF/CATV 75 Ω

POWER REQUIREMENT 120VAC 60Hz

POWER AVM-3260G ... 89 watts / AVM-3660G ...102 watts

HORIZONTAL DIM. (Width)

VERTICAL DIM. (Height)

DEPTH DIM. (Thickness)

WEIGHT (LB.) (Approx.)

SOUND AVM-3260G 2 Speakers, Size: 10 cm AVM-3660G 2 Speakers, Size 6x12 cm

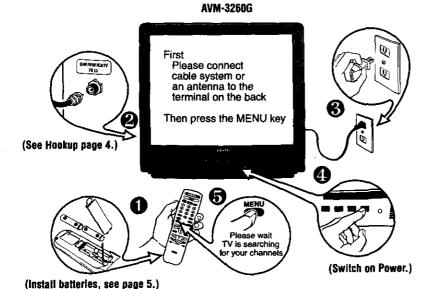
AMPLIFIER Built-in with 3.0W

A/V INPUT JACKS ... Video Input and Audio Input (2 sets-R/L),

S-Video Input (2 sets Model AVM-3660G)

AUDIO OUTPUT JACKS Fixed Audio Output (R/L) (RCA Connectors)

BASIC SETUP





QuickTips

- Do not position the TV in a confined area, Allow normal air circulation for electronic parts.
- Position your TV at least 2 feet from stereo speakers. The magnets in the speakers may affect the picture quality.
- The TV will automatically select the correct Antenna mode for the type of signal you connect.

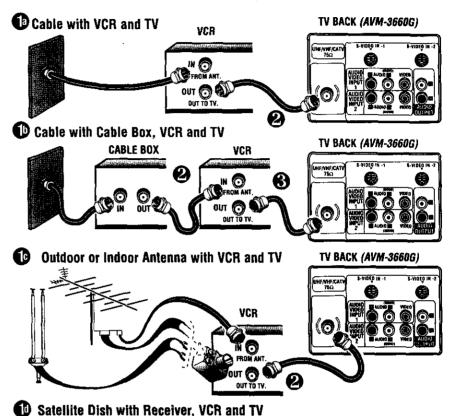


- The TV will automatically select the correct Antenna mode for the type of signal you connect.
- TV will switch off automatically after 15 minutes if there is no signal reception (cable out or station not broadcasting).

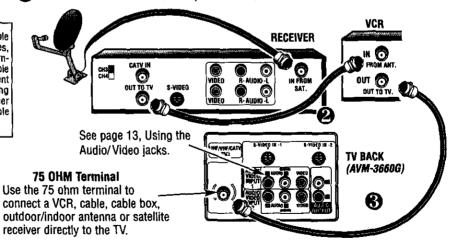
Exception—When the Video mode is selected, the TV will not automatically switch off when signal reception has stopped for 15 minutes.

BASIC HOOKUP METHODS

Use one of these methods to connect a signal to your TV. Select 1a—if you have cable service and a VCR, 1b—if you have a cable box and a VCR, 1c—if you have an outdoor or indoor antenna and a VCR, or 1d—if you have a satellite dish and a VCR. Connect your cable or antenna directly to the TV if you don't have any optional accessories.



CATV FRANCHISE NOTE: Cable companies, like public utilities, are franchised by local government authorities. To receive cable programs, even with equipment which is capable of receiving cable channels, the consumer must subscribe to the cable company's service.

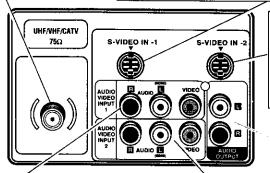


REAR PANEL

Cable / Antenna Input Terminal (75 ohms)

S-Video (Super-Video) In 1 Terminal

To enhance video detail use the S-Video1 jack instead of the A/V1 Video jack, if available on your external video equipment. (S-Video1 connection will override a Video1 connection.)



S-Video (Super-Video) In 2 Terminal (Model AVM-3660G only)

To enhance video detail use the S-Video2 jack instead of the A/V2 Video jack, if available on your external video equipment. (S-Video2 connection will override a Video2 connection.)

Audio Output Jacks (Fixed) Connect external audio equipment here (see page 12).

Audio/Video Input Jacks (A/V1) Connect external video equipment here (see page 13).

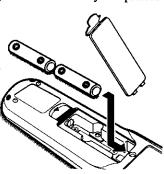
Audio/Video Input Jacks (A/V2) Connect other external video equipment here (see page 13).

UNIVERSAL REMOTE CONTROL

Operates your TV, VCR, Cable Converter Box and Satellite Receiver. Simply program it according to the directions on pages 7~9. Then press the proper function key (VCR, TV, CABLE, SAT/AUX) to set the remote control to operate each product. The SAT/AUX mode can be programmed to operate a Satellite Receiver, VCR, or Cable Box. Also, this remote offers large Channel, Volume, Power and Light keys that glow-in-the-dark. It has Function keys that light and a keypad that lights when the Light key or other related keys are pressed.

INSTALLING BATTERIES (2 AA not included)

- 2. Replace battery cover. The remote control is ready!
 Notes:
- Do not mix old batteries with new ones or mix different types of batteries together.
- Remove the batteries if the remote control will not be used for a month or more. Weak batteries may leak and cause damage.



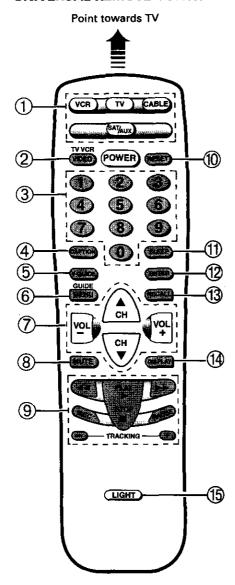
IMPORTANT NOTE: Spent or discharged batteries must be recycled or disposed of properly in compliance with all applicable laws. For detailed information, contact your local County Solid Waste Authority.



QuickTips

- Make sure all cable connectors are fully seated on jacks.
 See pages 12 and 13 before connecting external video equipment.
- Cables are not supplied for connecting your external equipment.
- A solid Blue screen with the word Video1 or Video2 displayed means that the Video mode is selected, but no signal is being detected at the Video jack. Check connection, and turn on external equipment.
- Be sure batteries are installed correctly.
- Point the remote control toward the equipment you want to control. Objects between the remote control and the equipment may cause misoperation of the remote control function.

UNIVERSAL REMOTE CONTROL KEYS



- 1 Mode Keys —Use these keys to program the remote control and to select the operating mode (VCR, TV, Cable, or SAT/AUX [satellite/auxiliary]).
- 2 Video/TV•VCR Key—In the TV and Satellite modes, this key selects the program source to display on the screen (TV signal or signal from equipment connected to the A/V jacks). In the VCR mode, this key functions as a VCR's TV/VCR key. This key has no function in the Cable mode.

- Number Keys—Use these keys to directly select channels on your VCR, TV, Cable Converter Box, or Satellite Receiver. Two keys must be pressed to select a channel. Example: Press 0 then 6 to select channel 6. For cable channels 100 through 125, press and hold the 1 key until C1— appears. Then press the other two numbers.
- (4) Caption Key (See page 16.)
- (5) V-Guide Key (See pages $14 \sim 15$.)
- 6 Menu/Guide Key—Use this key with the △/▼ and □/⑤ keys to navigate and adjust features of the on-screen menu system (see pages 10 ~ 12). Use it to display the Satellite Guide in the SAT/AUX mode.
- (Channel Scanning (CH △/♥) and Volume (VOL ⊖/♥) Keys—Press to scan through the channels in memory and to adjust the volume. In the SAT/AUX mode, these keys move the cursor.
- 8 Mute Key—Press once to turn off the volume. Press again to restore.

 Note: When using the audio out jacks this key will not mute the sound.
- (9) VCR Keys
 These keys control the VCR's Fast Forward (▶▶),
 Rewind (◄◄), Play (▶), Record (Rec), Stop (■),
 Tracking (-/+), and Pause functions.
- Reset Key—Press this key twice to restore factory settings. The TV will automatically start Channel Search and clear all customized settings (see page 17). It has no function in other modes.
- Sleep Key—Use this key with the "0" key to set the Sleep Timer on the TV (see page 16).
- 12 Enter Key—Satellite operation only.
- Recall Key—Select a channel then select another channel using the number keys. Press Recall to switch between the channels.
- Display Key—Press once to display the TV channel number. Press twice to display the channel number continuously. Press again to remove the display.
- Light Key—Press to backlight the keypad. Keys will remain lit for a few seconds after releasing the key.

PROGRAMMING UNIVERSAL REMOTE CONTROL TO OPERATE VCR, CABLE BOX, AND SATELLITE RECEIVER

Find your code. It is next to the brand name of your equipment in the charts below and on page 8. (The illustrated example is for a Sanyo VCR.)

Press and hold VCR, CABLE, or SAT/AUX key.

Press button and hold down.

Using the NUMBER keys on the remote, enter the three-digit code number for your VCR, Cable box or Satellite. The key will flash 5 times when released if the code was accepted.

Enter Code: Example: For a Sanyo VCR, Enter code "200" (from chart on page 8).



The VCR, and CABLE modes will accept only each mode's specific code type. If you enter an invalid code, the *Mode* key will light, but, it will not flash, repeat Step 2. The SAT/AUX mode will accept all code types.

Press the POWER and CHANNEL keys. If they operate properly, programming is completed. If not, use another code, if available and repeat steps ● and ● for each piece of equipment you have (VCR, Cable Converter Box, and/or Satellite Receiver).

To Operate Your...

VCR—Press the VCR key. Cable Box—Press the CABLE key. Television—Press the TV key. Satellite/Auxiliary (other)—Press the SAT/AUX key

Cable Box Codes Chart

BRAND NAME	CODE NO.	BRAND NAME	CODE NO.
ABC	304,306,309,312,313	PIONEER	
	314,318,322,324	PROSCAN	328
AIM	321	RADIO SHACK	334
ARCHER	334	RCA	328
CONTEC	302,305,307,308	REGAL	320
	311,318,320,324	REMBRANT	305
CPI	319	SAMSUNG	310,312
DIAMOND	320	SCI. ATLANTA	324,327
EAGLE	313	SIGNAL	
EMERSON	334	SIGNATURE	300,322
GEN. INSTRUMENTS	303,309,311,322,323	SPRUCER	307,316
GOODMIND	334	STARCOM	309,321,322,323,332
HAMLIN ,	320,330	STARGATE	310,321,334
JERROLD	303,308,309,311	TOCOM	300,304,305,306,307
	313,319,322,323	TOSHIBA	316,331
MAGNAVOX	301,322	TELEVIEW,	310
MEMOREX	313,314,332	UNITED CABLE	309
MOVIE TIME	306,310,314	UNIKA	314
NORTHCOAST		U.S. ELECTRONICS	• • • •
NSC	305,306,314	VIEWSTAR	313,315,326
OAK		WARDS	322
PANASONIC	302,307,317	WARNER	312
PARAGON	313,314	ZENITH	316,331
PHILIPS	313,314,325,329		



QuickTips

- Make sure batteries have been installed correctly.
- The Remote Control must be programmed before it will operate your VCR, Cable Box or Satellite Receiver.
- Point the remote control toward the equipment you want to operate. Objects between the remote control and the equipment may cause misoperation of the remote control function.
- The remote control will not operate my VCR, Cable Box or Satellite/Auxiliary.
 - Press the VCR
 CABLE or
 SAT/AUX key.
 - Reprogram the remote control.
- Special key functions: The VIDEO MODE key functions as the VCR's TV/VCR key when the Remote Control is set for VCR operation.
- Write your codes in the spaces provided on the back of your Remote Control for quick reference.

(Continued on pages 8 and 9.)

VCR Codes Chart

BRAND NAME	CODE NO.	BRAND NAME	CODE NO.	BRAND NAME	CODE NO
ADMIRAL		JVC	203,209,220,221		
AIKO			225.226	110A	201,207,208,210,
AIWA		KEC	205 240		216,221,222,232
AKAI		KENWOOD	201,203,226,238	DEALICTIO	236,241
BELL & HOWELL		LOGIK	201,203,220,230	MEALISTIC	200,202,208,216
Broksonic	204,227,234,243	LUGIK	219,235	0.4400.000	217,223,229,232
CANDLE	204,205,208,211,216,	LXI	217,228	SAMSUNG	208,217,222,233
	217.222.223 233 240	MAGNAVOX	204,211,216,217,219	SANSUI	219
CANON	216.232		220,232	SANYO	200,201,202,203
CCE	205.240	MAGNASONIC	205,219,223,240	SCOTT	211,223,227,234
CINERAL	205 240	MATSUSHITA		SEARS	200,201,202,203,
CITIZEN	205,211,216,217,222	MEMOREX	200,202,203,215		211,216,217
	233,240		221,223,224,245		221,223
CRAIG	202,240	MITSUBISHI	210,223,231,244	SHARP	224,229,239
CURTIS MATHES	208,211,216,217,222	MTC	217.219.228	SHINTOM	219
TO THE THE	232.236.238	MULTITECH	. 217 228	SIGNATURE 2000 .	200,217,239
DAEW00	202,200,200	NEC	206,208,215,217,223	SONY	214.218.226.237
DAYTRON	203,211,240 205,240		226,238	SYLVANIA	204,216,217
	203,240	OPTIMUS	208,223,229,245	1	228.232
	203,204,203,206,210	OPION	205, 206,210,211	SYMPHONIC	202.217 226
	211,217,223,227,234	ONION			228,233
ICHED	236,240,243,247	DANAGONIO	227,234,240,243	TATUNG	226
INIAI	. 201,202,203,211	PANASUNIC	. 202,211,216,219,223	TEAC	217
UNAI	. 217,228,233	5-4	232,236,245	TEKNIKA	216 217 223
IE	. 208,212,216,222	PENTAX	. 221,238	TOMAS	217
OLDOTAD	232,236,246	PHILCO	204,216,217,228,232	TOSHIBA	202 205 210
ULDSTAH	. 206,208,215,217,223	PHILIPS	. 204,211,216,232		211,240
0.14050	226,238	PIONEER	. 207,242	WARDS	202 204 208 211
O AIDEO """	. 208,212,213,219	PROSCAN	. 236.241		217,223,224,229
	248,249	PROTON	219	WHITE	211,223,224,229
HACHI	. 209,217,221,222		. 205, 208,216,217	WESTINGHOUSE	205 240
	230,246		233.240	YAMAHA	400,440 136 130
BL	. 237		. 216,223,232,236,245	7FNITH	440,438
.C.PENNY	208,216,219,221,223	RADIO SHACK	222 245	ZENITH	
 		TIADIO STIAGN	. 223,240	ĺ	225,228

Satellite Receiver Codes Chart

BRAND NAME	CODE NO.	BRAND NAME	CODE NO.	BRAND NAME	CODE NO
ALPHA STARCHAPARRALECHOSTAREXPRESSVU		HUGHES JANEIL JERROLD JVC MAGNAVOX MEMOREX PANASONIC PHILIPS PRIMESTAR PROSCAN RCA		SONYSTAR CHOICESTSTOSHIBAUNIDENVIEWSTARVIDEO PALLZENITH	

OPERATING TIPS

- The VCR and TV modes are preprogrammed with Sanyo codes.
- To operate each product (VCR, TV, Cable Box, or Satellite Receiver), you must first press the proper mode key (VCR, TV, CABLE, or SAT/AUX).
- The associated mode key lights when you press any operating key (channel, volume, etc.) to indicate which equipment is being controlled.
- The SAT/AUX mode can be programmed to operate a Satellite Receiver, VCR, or Cable Box.
- Some manufacturers use different types of remote controls. If your brand has several codes listed, program the unit with different codes until you find the correct one. Larger numbers may represent newer models.
- There may be VCRs, Cable Converter Boxes, and Satellite Receivers that this remote control cannot operate. Some models may operate only partially.
- This remote control uses an invisible (infrared) light beam to operate the equipment. Objects between the equipment and the remote control can block this light beam. Therefore, the remote control must be pointed directly at the equipment you want to operate.
- This remote control cannot add features to your equipment. They must have been originally provided by your equipment's manufacturer.
- If the remote control fails to operate any of your equipment replace the batteries. Be sure batteries are installed correctly.

After programming is confirmed, enter your codes in the spaces provided below and on the back of the remote control.

VCR CODE	
CABLE BOX CODE	
SAT/AUX CODE	

REPLACING BATTERIES

- Code numbers will remain in memory for five minutes as you replace batteries.
- Remove batteries from the remote control if it will not be used for a month or more. Weak batteries may leak, causing damage to the remote control.

SPECIAL OPERATING CONDITIONS

- The Caption, Menu, Reset, Sleep, and V-Guide keys will operate only Sanyo televisions.
- The Channel ▼/▲ keys perform the Tracking -/+ functions on Sanyo VCRs.
- The **Display** and **Mute** keys operate the TV regardless of the mode selected.
- The Vol -/+ keys operate TV functions in the VCR, TV, and Cable modes.
- The Recall and Video keys have no function in the Cable mode.
- The Enter key is for Satellite operation only.
- The Vol -/+ keys and Channel V/▲ keys move the Cursor in the SAT/AUX mode when this mode is programmed to operate a satellite receiver.
- The Menu key functions as the Guide key in the SAT/AUX mode when this mode is programmed to operate a satellite receiver.



- Always follow on-screen instructions.
- The menu will display on the screen for approximately 20 seconds. Press MENU again to redisplay.
- Arrow (♠) indicates current selection or mode.
- All TV adjustments are controlled through the menu.
- To see the time of day after setting the clock, press the DISPLAY key.
- Under weak stereo signal conditions, you may receive better quality sound in the "Mono" position.
- Extended Data Service (XDS) signal may not be transmitted by all broadcasters.
- To expand your viewing experience select Sports, Movie or News to match the program you are watching.
- Use the CHANNEL

 A To keys and the

 VOLUME A To keys
 to navigate through
 the menus and to make
 selections from the
 menus.

TV ADJUSTMENT AND SETUP

The on-screen menu system allows the viewer to program television features to their personal preference. Adjustments can be made easily using the remote control.

HOW TO MAKE ADJUSTMENTS

- 1. Press MENU key.
- 2. Use the △/ keys to highlight the desired feature.
- 3. Use the □/⊡ keys to adjust the selected feature (▶ indicates selected item).

Items with submenus requires additional steps.

- + keys ▼ kevs Clock 0:00 Mono SAP Audio **♦**Stereo Picture/Sound **♦**Sports Movie Auto Manual Initial Channel OFF **♦**Cable VHF/UHF **Antenna** CH. Search Start CH. Scan Memory C 34 Added Espanol Menu Language **▶**English Francais Press MENU key to exit

SETTING THE CLOCK

- 1. Press MENU key.
- 2. Use the key to set the hour and the key to set the minutes.
- 3. Press the MENU key to exit.



- + keys

▼ keys

Clock

SETTING AUDIO MODE

Select desired sound setting, Stereo, Mono or SAP (secondary audio program). Stereo and SAP can be received only if the television station is broadcasting the signal.

- Choose Storeo, Mono, or SAP from the Audio options.
- 2. Press the MENU key to exit.

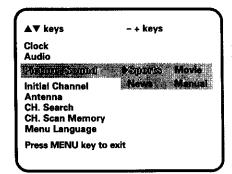
Note: The TV will automatically reset to stereo if unplugged or a power interruption occurs.

ADJUSTING PICTURE/SOUND

For automatic picture settings:

Choose **Sports**, **Movie**, or **News** from the **Picture/Sound** options.

(See page 11 to manually customize the picture/sound.)



To manually customize the picture:

- 1. Choose Manual from the Picture/Sound options.
- 2. Press the key to open the controls submenu.
- 3. Use the ♠/♥ keys to highlight the control you want to adjust.
- 4. Use the \Box/\Box keys to make adjustments.
- 5. Press the MENU key to exit.

To manually customize the sound:

- 1. Press MENU key.
- 2. Use the △/♥ keys to highlight Picture/Sound.
- 3. Use the B/E keys to choose Manual.
- 4. Press the MENU key to open the controls submenu.
- 5. Use the 🔝/ 💟 keys to select 🖺 ass or Treble.
- **6.** Use the \Box/\Box keys to adjust the sound.
- 7. Press the MENU key to exit.

Clock Audio Pleture/Sound Initial Channel ▲▼ keys - + keys Color Tint Contrast Brightness Sharpness Color Enhancer Normal DWorm Rass Treble Press MENU key to exit Picture/Sound Controls Submenu

– + kevs

▼ keys

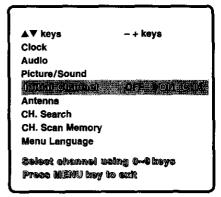


Sound Controls Submenu

INITIAL CHANNEL SETUP

The TV can be programmed to tune to your favorite channel each time it is turned on, such as, a news or sports network, or the output of your VCR.

- 1. Press MENU kev.
- 2. Use the \(\tilde{\chi}\) \(\tilde{\chi}\) keys to highlight Initial Channel.
- 3. Press the key to turn ON. Select favorite channel (example): CO3. To select cable channels above 99, press and hold the 1 key until C1—appears.
- 4. Press the MENU key to exit.



4

QuickTips

- Use the color enhancer feature to enhance the picture flesh tones and color. Selecting warm will deepen the picture color.
- When Initial Channel is set to OFF the TV will tune to the last channel selected when powered on.
- When setting the Antenna mode, choose Cable if your TV is connected to a cable system, otherwise choose VHF/UHF.
- Press the RESET key twice to clear all settings. The TV will automatically start Channel Search and clear all customized settings.

RESETTING THE ANTENNA/CABLE MODE AND CHANNEL SEARCH

Resetting the Antenna/Cable Mode or CH. (Channel) Search is required only if additional channels become available, such as moving to another city or having a cable service installed.

- 1. Choose Start from the Ch. Search menu options.
- 2. Press the MENU key to exit.

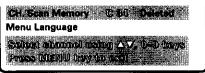
CH.Scan Memory
Menu Language
Press MENU key to exit



- Channels deleted from scan memory can be selected with the number keys.
- The channel number area must be high-lighted before pressing the they to add or delete.
- Restoring deleted channels, use the on-screen menu to manually add channels or start CH. (Channel) Search from the menu.
- Make sure all cable connectors are fully seated on jacks.
- Always match cables according to the colors; RED for right audio, WHITE for left audio and YELLOW for video.
- Position your TV at least 2 feet from stereo speakers. The magnets in the speakers may affect the picture quality.
- Do NoT connect external speakers directly to the TV.

ADDING OR DELETING CHANNELS

- 1. Press MENU key.
- 2. Use the \(\triangle \sqrt{\cup}\) keys to highlight CH. Seen Memory.
- 3. Press the E key to highlight the channel number entry area.
- 4. Enter the channel number (example): C34. For cable channels above 99, press and hold the 1 key until C1-- appears. Then enter the other two numbers.
- 5. Press the key to select option (example): Delete.
- 6. Press the MENU key to exit.



SELECTING THE DISPLAY LANGUAGE

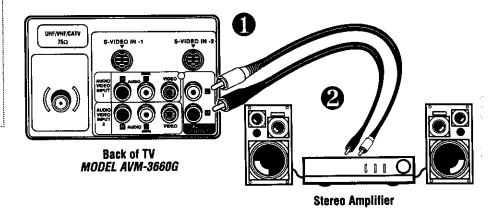
- 1. Choose English, Francais, or Espanol from the Menu Language options.
- 2. Press the MENU key to exit.



USING THE AUDIO OUTPUT JACKS

CONNECTING A STEREO AMPLIFIER TO AUDIO OUT JACKS

- 1. Connect the TV Audio Output (R/L) 1 to the Stereo Amplifier In (R/L) 2.
- 2. Press POWER on remote control to turn on the TV. Turn on external equipment also.



USING THE AUDIO/VIDEO INPUT JACKS

CONNECTING A VCR OR OTHER EXTERNAL EQUIPMENT

Switch off TV and external equipment before connecting cables.

- 1. Connect VCR, DVD, DSS, or other equipment's Audio Out (R/L) to the TV Audio Input (R/L) ①.

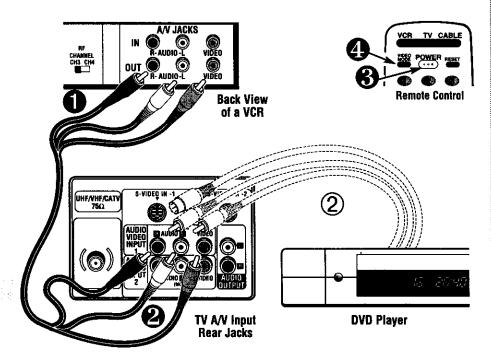
 For Mono VCR (Single Audio Jack) connect VCR Audio Out to TV Audio (L) Input.
- 2. Connect VCR, DVD, DSS, or other equipment's Video Out to the TV Video Input 2.

Optional

Connect VCR, DVD, DSS, or other equipment's S-Video Out to the TV S-Video In Jacks ②. Note: Using the S-Video In jacks overrides the Video jacks.

- 3. Press POWER to turn on the TV. See 3. Turn on external equipment also.
- 4. Press the VIDEO MODE key ① to select program source: TV signal or signal from the equipment you have connected to the A/V1 and A/V2 jacks. See page 6 for remote control operation.

Follow the same procedure to connect other compatible video equipment to the second set of A/V jacks.





QuickTips

- Make sure all cable connectors are fully seated on jacks.
- Always match cables according to the colors; RED for right audio, WHITE for left audio and YELLOW for video.
- A/V1 and A/V2 jacks have identical functions. Any compatible video equipment can be connected to either set of jacks.
- A solid Blue screen with the word Video1 or Video2 displayed means that the Video mode is selected, but no signal is being detected at the Video jack. Check connection, and turn on external equipment.
- Make sure you select TV channel to match your VCR output (Ch. 3 or 4).
- You may be able to use the remote control to operate your VCR, Cable Box and TV. (See page 7.)



- Use the CHANNEL

 A V keys and the

 VOLUME B A keys
 to navigate through
 the menus and to
 make selections from
 the menus.
- V-Guide feature is accessible only from the remote control.
- The TV guidelines rating icon appears in the upper left hand corner of your TV screen.
- The V-Guide display remains on screen for only 20 seconds. If it disappears, press the V-GUIDE key.

V-GUIDE INFORMATION

NOTE: THIS FEATURE IS DESIGNED TO COMPLY WITH THE UNITED STATES OF AMERICA'S FCC V-CHIP REGULATIONS. THEREFORE, IT MAY NOT FUNCTION WITH BROADCASTS THAT ORIGINATE IN OTHER COUNTRIES.

With the introduction of "V-Chip" technology, it is now possible for Sanyo televisions to interpret MPAA and TV Parental Guidelines rating codes. When these codes are detected, the TV will automatically display or block the program, depending upon choices you make when setting up the V-Guide system.

ABOUT MPAA AND TV PARENTAL GUIDELINES

MPAA and TV Parental Guidelines are rating systems that provide advance cautionary information to parents about the content of movie and television programming.

MPAA is a voluntary rating system used by the movie industry. TV Parental Guidelines are modeled after the MPAA ratings and were designed to be simple to use, easy to understand, and easy to find.

TV Parental Guidelines contain both age-based and content-based information. This gives parents discretionary ways of choosing appropriate material for their children to view.

Content ratings are represented by the initials D (Suggestive Dialog), L (Adult Language), S (Sexual Situations), V (Violence), and FV (Fantasy Violence). When programming contains any or all of these conditions, these letters become part of the icon that is displayed on the TV screen.

A rating icon will appear in the upper lefthand corner of the TV screen for fifteen seconds at the beginning of a program and should be repeated at the beginning of the second hour of a long program. It may also appear when returning from commercials. There may be other instances when these icons will be displayed as well. Parents are encouraged to become familiar with these icons and their meanings.

WHERE CAN I FIND ADVANCE NOTICE OF PROGRAM RATING

Publishers of programming guides have been asked to include these ratings along with other information they publish. You can expect to find this information in newspapers, magazines, and on-screen listings and guides.

TYPES OF PROGRAMS TO RECEIVE RATING

The TV Parental Guidelines will apply to various types of TV programming, including: specials, mini-series, and movies. Sports, news, weather, emergency bulletins, locally originated programming, public service announcements,

political, and religious shows do not currently carry guidelines.



C 34 10:00

TITLE: THE SHOW Rating: TVPG-V

V-GUIDE OPERATION

Use this feature to supervise television viewing for children. This television can be set to automatically block programs with content you deem as inappropriate for your children to view, including: suggestive dialog, adult language, sexual situations, violence, and fantasy violence.

The ability of the television to block the reception of specific programming content depends upon several conditions:

1) The program must be rated, 2) Networks must broadcast the rating code data, 3) Cable companies must transmit the rating code signal, and 4) The TV must be properly setup to decode the signal.

The TV guidelines rating icon appears at the upper left hand corner of your TV screen.

(Continued on page 15.)

SETTING MPAA MOVIE RATING

- 1. Press the **V-GUIDE** key on the remotecontrol to display menu.
- 2. Press the 1 key to switch V-Guide ON.
- 4. Press the MENU key to BLOCK (B) or UNBLOCK (U) selected rating. (➡ Arrow indicates selection.)
- 5. Press the key to return to the V-Guide Options menu.

SETTING AGE-BASED TV PARENTAL GUIDELINES

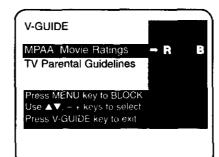
- 6. Use the △/▽ keys to highlight TV Parental Guidelines.
- 7. Press the key. Then use the √ keys to highlight rating.
- 8. Press the Key to BLOCK (B) or UNBLOCK (U) selected rating. (Arrow indicates selection.)

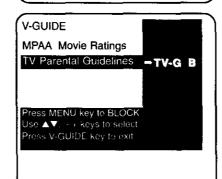
SETTING CONTENT-BASED TV PARENTAL GUIDELINES

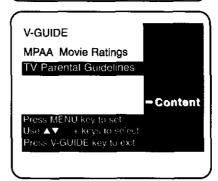
- 9. Follow steps 6 and 7. Use the △/♥ keys to highlight Content.
- 10. Press the MENU key to display the Content Option menu.
- 11. Use the ⚠/♥ keys to highlight a category (D-Suggestive Dialog, L-Adult Language, S-Sexual Situations, V-Violence, FV-Fantasy Violence).
- 13. Press the MENU key to BLOCK (B) or UNBLOCK (U) selected rating.
 (➡ Arrow indicates selection.)
- 14. Press the V-GUIDE key to exit; or press the key to return to the Content Options
- Repeat steps 11 through 13 to BLOCK (B) or UNBLOCK (U) additional content ratings, if desired.

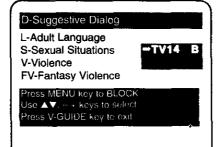
TURNING OFF THE V-GUIDE

- 1. Press the V-GUIDE key.
- 2. Use the B/B keys to select OFF.











QuickTips

- The TV will automatically block (B) ratings above or unblock (U) ratings below selection. For example, if you block rating R, NC17 and X will be blocked as well.
- Blocking TVY7
 <u>does not</u> block higher
 ratings.
- You can block a content rating such as TVPG-V and still be able to watch TVPG programs with ratings of S-L-D provided TVPG is unblocked (U).
- To view Blocked (B) programs, set V-GUIDE to OFF, or press the RESET key twice to clear all Blocked (B) ratings and customized settings.
- When in the V-Guide menu system, the B/B keys allows you to navigate between the ratings and the options menu.

Note: Networks and local stations may or may not include the content ratings portion of the TV Parental Guidelines.



If Caption Text mode is selected and no captioned text is broadcasted, a black box may appear and remain on the TV screen.



To remove this black box, set captioning to any mode other than Text1 or Text2 or press the RESET key to cancel captioning and customized settings.

When captioning is turned on, the channel display will not stay on the screen. For these displays to stay on the screen you must set Captioning to OFF.

CLOSED-CAPTIONING ©

Captioning is textual information transmitted along with the picture and sound so it can be displayed on the TV screen. Because different types of captions can be transmitted with the TV signal, separate captioning modes are provided. The captioning modes recognized by this model are: Caption1, Caption2, Text1, and Text2. Local broadcasters decide which caption signals to transmit. They may not choose to provide captions or may provide captions in one or all of the available modes.

Caption1: This is the main mode used for program captioning (words match the program you are watching). Almost all broadcasters will use Caption1 to transmit program captions. These captions are generally one or two lines.

Caption2: This is an alternative mode for program captioning. Caption2 may be used by the broadcaster to provide captions in another language, such as, Spanish or French.

Text1: This mode is used to display large amounts of text. This text will appear within a black box that may be nearly as large as the TV screen. Text displayed in this manner does not generally relate to the program. These captions may be used by broadcasters to provide weather reports, community bulletins, stock quotes, etc.

Text2: This is an alternative mode used to display large amounts of text. The same types of information displayed in Text1 can be displayed in Text2.

Quikcap: Quikcap allows captions to toggle on and off with the MUTE function. For example, the phone rings; you press the MUTE key on the remote control to block the TV sound; the captions display automatically. When you finish your conversation and press the MUTE key again to restore the sound, the captions will disappear.

Quikcap displays program captions in the Caption1 mode.

SETTING CAPTIONS

- 1. Press the CAPTION key on the remote control.
- 2. Use the **0** key to select OFF, Caption1, Caption2, Text1, Text2, or Quikcap.



Caption1/ Caption2



Text1/Text2



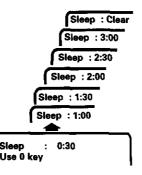
SETTING THE SLEEP TIMER

The Sleep Timer will switch off the TV automatically.

- 1. Press the **SLEEP** key.
- 2. Use the **0** key to select the desired time (from 30 minutes up to 3 hours).

Note: The Sleep Timer cancels when the TV is turned off or if a power failure occurs.





RESETTING THE TV

Press the RESET key to automatically reset the television to factory settings. These features will automatically reset:

- Picture/Sound Adjustments: Color, Tint, Contrast, Brightness, Sharpness, Color Enhancer, Bass, and Treble
- · Channel Memory
- · Audio to Stereo
- Initial Channel
- · Caption to OFF
- V-Guide to OFF
- Language to English
- Clock and Sleep Timer (if previously set)

If desired, personal settings can be made again using the menu options.

Press **RESET** key again to return factory preset and begin channel search

CARE AND CLEANING

The surface of the cabinet can be damaged if not properly maintained. Many common household aerosol sprays, cleaning agents, solvents and polishes will cause permanent damage to the fine surface.

- 1. Unplug the power cord before cleaning the television.
- 2. Clean the screen and cabinet with a soft dry cloth.

Note:

NEVER spray liquids on the screen because they can run down and drip onto the chassis. This may cause component failure not covered under Warranty.



HELPFUL HINTS - PROBLEMS/SOLUTIONS

BEFORE REQUESTING SERVICE CHECK THE FOLLOWING CHART.

Problem:	Check these Conditions:	Try these Solutions:
TV turns off automatically.	Check signal (Cable/Ant.) connection. Power surge protection feature.	 Press POWER key. Sleep Timer may have been set. Unplug TV momentarily.
No picture, poor picture.	 Check antenna connections. May be station trouble. Brightness or Contrast misadjusted. Possible interference from household appliance. 	 Adjust antenna. Try a different channel. Press RESET key.
Black box on screen.	Caption Text Mode without display information.	Press RESET key. Switch OFF Captions (see page 16).
Poor color or no color.	 Check if program is in color. Check antenna connections. Color or Tint misadjusted. May be station trouble. 	 Try a different channel. Adjust antenna. Press RESET key.

(Continued on page 18.)

HELPFUL HINTS - PROBLEMS/SOLUTIONS (Continued)

BEFORE REQUESTING SERVICE CHECK THE FOLLOWING CHART.

Problem:	Check these Conditions:	Try these Solutions:
Blue Screen with Video1 or Video 2 displayed.	Check Audio/Video connections. Check external equipment.	Press VIDEO MODE key. Switch on external equipment.
No sound, poor sound.	May be station trouble. May be MUTE function. Check Audio/Video connections.	Try a different channel. Adjust Volume.
No TV stereo sound.	Check if station is broadcasting a true MTS stereo signal.	Select Stereo from Audio on-screen menu.
No TV SAP sound.	Check if station is broadcasting a SAP signal.	Select SAP from Audio on-screen menu.
No Cable channels above number 13.	Cable Channel Indicator C should appear next to channel number.	Select Cable from Antenna on-screen menu; then start CH. (channel) Search using Menu.
No UHF channels, VHF OK.	Cable Channel Indicator C should not appear next to channel number.	Select VHF/UHF from Antenna on-screen menu; then start CH, (channel) Search using menu.
Cannot select or scan some channels.	 Channel may be removed from memory. Check antenna connections. V-Guide is set to block programming. (See pages 14 and 15.) 	 Select CH. Scan Memory and manually add channels or start channel search. Press RESET key to clear setting. Set V-Guide to OFF or press the RESET key.
No Captioning.	 Check if station is broadcasting a Closed- Caption signal. Check Caption Channel. 	• Select Caption1 or Caption2 (see page 16).
Menu System words seem misspelled.	Maybe a foreign language is selected.	Reselect your menu language choice using the on-screen menu.
Remote Control will not work.	Check batteries. Check if TV set is plugged in. Press TV key.	Replace batteries. Aim remote control at front of TV.
Remote Control will not operate VCR, Cable Box, and Satellite.	Press VCR, CABLE, or SAT/AUX key. Check external equipment.	Re-enter brand code (see pages 7 and 8).
Cabinet makes popping sound.	This is a normal condition during warm-up and cool down of the plastic cabinet parts.	



This symbol on the nameplate means the product is Listed by Underwriters' Laboratories Inc. It is designed and manufactured to meet rigid U.L. safety standards against risk of fire, casualty and electrical hazards.

TELEVISION

LIMITED WARRANTY

This product is exclusive to and is warranted solely by Sears. For 90 days from the date of purchase, Sears will repair any defect in material or workmanship in this television, free of charge. For one year from the date of purchase, Sears will supply, at no charge, replacement for defective parts.

This above warranty coverage applies only to televisions which are used for private household purposes.

LIMITED WARRANTY ON PICTURE TUBE

After one year from the date of purchase and up to two years, Sears will furnish, free of charge, a replacement for the picture tube, if defective. You pay for labor.

Warranty service is available by contacting the nearest Sears Service Center/Department in the United States. This warranty applies only while this product is in use in the United States.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

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Hoffman Estates, IL 60179

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