

29" Pure Flat Tube Stereo Television

TTM-2901L



Please read this manual carefully before operation.

WARNING

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

The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.



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 "dangerous voltage" inside the product that presents a risk of electric shock or personal injury.



This symbol indicates important instructions accompanying the product.

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

Refer to the identification/rating label located on the back panel of your product for its proper operating voltage.

Caution: Using video games or any external accessory with fixed images for extended periods of time can cause them to be permanently imprinted on the picture tube (or projection TV picture tubes). ALSO, some network/program logos, phone numbers, etc. may cause similar damage. This damage is not covered by your warranty.

Cable TV Installer: This reminder is provided to call your attention to Article 820-40 of the National Electrical Code (Section 54 of the Canadian Electrical Code, Part 1) which 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.

Customer Record

You will find the model number and chassis number of your TV on the back of your TV set. Record these numbers in the spaces provided below. Refer to them whenever you call customer service or your dealer regarding this product.

Model Number: _____ **Chassis Number:** _____

IMPORTANT SAFETY INSTRUCTIONS

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Use only the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
15. **Warning - This TV should only be serviced by an authorized and properly trained technician. Opening the cover or other attempts by the user to service this TV may result in serious injury or death from electrical shock, and may increase the risk of fire.**



IMPORTANT STAND AND BASE SAFETY INFORMATION

Choose the location for your TV carefully. Place the TV on a stand or base that is of adequate size and strength to prevent the TV from being accidentally tipped over, pushed off, or pulled off. This could cause personal injury and/or damage the TV. Refer to the Important Safety Instructions above.

FCC Warning

Class B Computing Device

Information to User

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

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

The user may find the following booklet prepared by the Federal Communications Commission helpful: "How to Identify and Resolve Radio - TV Interference Problems". This booklet is available from the US Government Printing Office, Washington, D.C. 20402, Stock No. 004-000-00345-4.

FCC Warning

The user is cautioned that changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

NOTE: In order for an installation of the product to maintain compliance with the limits for a Class B Device, shielded cables must be used.

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SPECIFICATIONS

MODEL	TTM-2901L
Television System	NTSC-M
Channel Coverage	VHF 2-13, UHF 14~69
Cable TV Coverage	Mid Band (A-8~A-1, A~I)/Super Band (J~W) Hyper Band (AA~ZZ, AAA, BBB)/Ultra Band (65~94, 100~125)
Channels Preset	181
Antenna Input	75 ohm (unbalanced)
Screen Dimensions	21.26x 15.94 in 540x405 mm
Audio Output	5W+5W
Power Source	120V~ 60Hz
Unit Weight	102.3lbs. (46.5kg)
Unit Dimensions	29.09x22.83x19.29 in. 739x580x490mm
Packaged Dimensions	33.07x26.38x23.43 in. 840x670x595mm
Power Consumption	135W

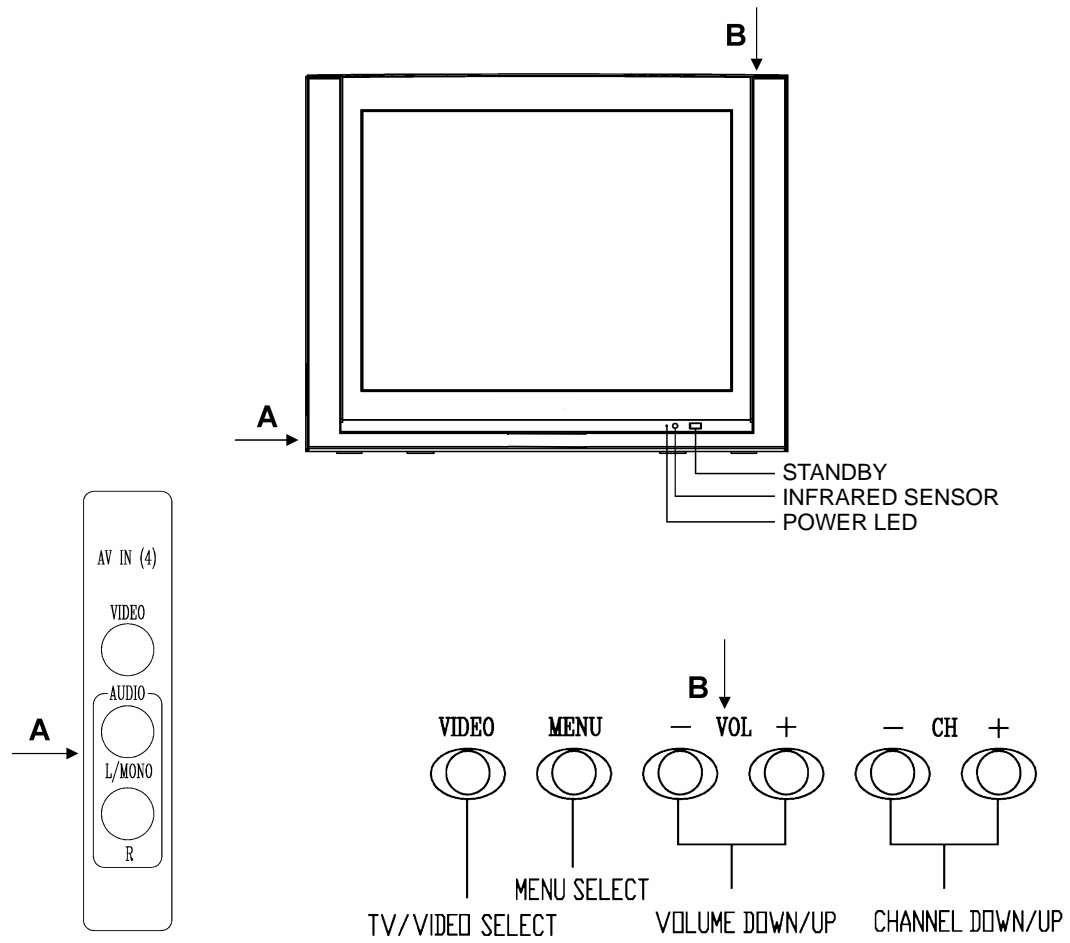
Feature Descriptions

- 181 Channel Tuner** - total number of channels the TV can receive: 2-69 in Air mode, or 1-125 in Cable mode
- AV Input (Rear)** - standard composite input designed for use with A/V devices, such as a VCR or DVD player
- AV Input (Side)** - input designed for infrequent use, such as with a camcorder or video game unit
- AV Output (Rear)** -output signals from TV to devices such as a VCR
- S-Video Input** - input designed for greater clarity and sharpness; also known as S-VHS
- DVD Input (Rear)** - standard input designed for use with DVD player
- RF IN Jack** - standard coaxial antenna jack
- Channel Recall** - instant return to the last channel viewed
- Closed Caption Display** - feature that displays the closed captions or text of a TV broadcast
- Parental Control** - feature that all parents to block out selected type of programming
- Screen Size** - the diagonal size of the TV screen
- Selectable Picture Modes** - preset standards for TV display: User, Normal, Movie, and Sports
- Selectable Sound Modes** - preset standards for TV sound: User, Normal, Speech, Music and Movie
- Trilingual On Screen Display (OSD)** - TV's on screen display, can be either English, French, or Spanish
- MTS Stereo/Video Stereo**- stereo sound for superior TV viewing experience
- Favorite Channel** -used to set favorite channels
- Channel Label** -used to label channels
- Full** -used to switch the TV between Wide and Normal modes
- On/Off Timer** - feature that allows the user to set a timer to turn on/off the TV and tune the TV to a preset channel at preset time

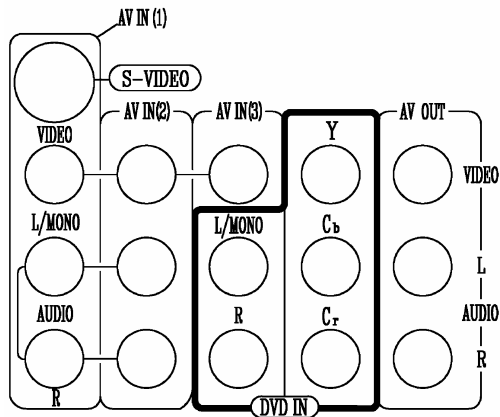
FEATURES	TTM-2901L
181 Channel Tuner	.
AV Input (Rear)	3
AV Input (Side)	1
S-Video Input	1
DVD Input (Rear)	1
AV Output (Rear)	1
Screen Size	29"
Pure Flat CRT	.
Universal Remote Control	.
Auto Program	.
Channel Recall	.
Closed Caption	.
Parental Control	.
Picture Modes	.
Trilingual OSD	.
Sound Modes	.
MTS Stereo/AV Stereo	.
Favorite Channel	.
Channel Label	.
Full	.
On/Off Timer	.
Sleep Off/Auto Off without Signal in TV Mode	.
AVC (Automatic Volume Control)	.
Color Temp Control	.
X-Ray Protection	.
Blue Back On/Off	.
Digital Geometric Correction	.
Child Lock	.
Black Level Stretch	.
Automatic White Balance Adjustment	.

Front and Rear Unit Profiles (continued)

Front panel

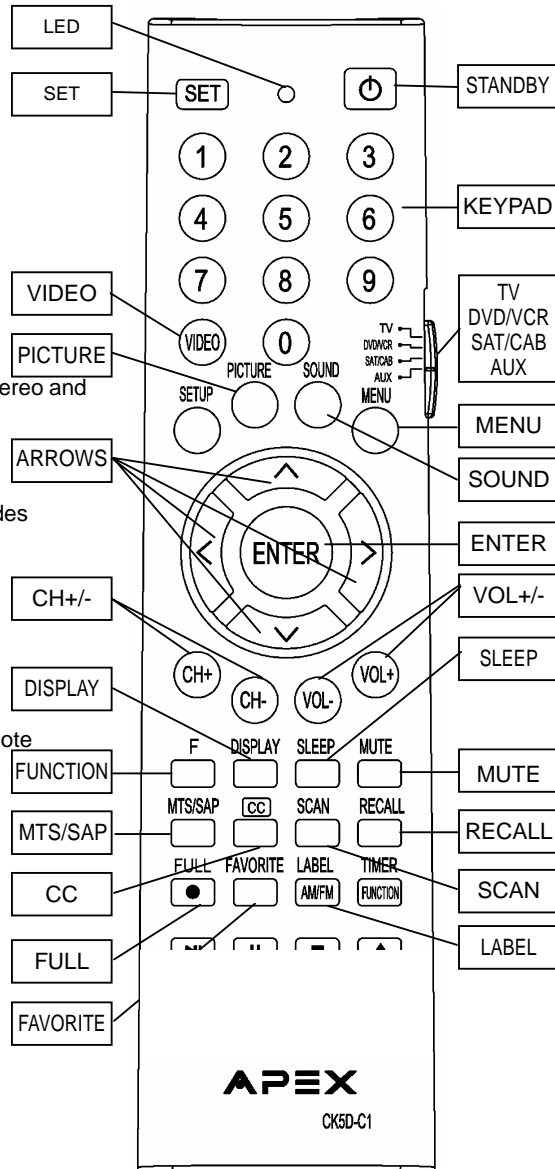


Rear panel



Remote Control Features

Led	Indicator light
Set	Used for programming the remote control
Video	Cycles through the Video/TV modes
Picture	Selects the various Picture Modes
Arrows	Used to navigate the TV menus
CH + / -	Used to change the current channel
Display	Brings up the TV/Video display
Function	Used for child lock
MTS/SAP	Selects the MTS Stereo modes among Mono, Stereo and SAP
CC	Activates Closed Captioning
Full	Switches the TV between Wide and Normal modes
Favorite	Sets favorite channels
Standby	Turns on/off the TV
Keypad	Used to select channels by number
TV, DVD/VCR, SAT/CAB, AUX switch	Determines the equipment controlled by the remote
Menu	Accesses the main menu
Sound	Selects the various Sound modes
Enter	Confirms selections or accesses sub menus
VOL + / -	Used to adjust the volume level
Sleep	Activates/Deactivates the sleep timer
Mute	Mutes or restores the TV volume
Recall	Returns to the last channel viewed
Scan	Scans all active channels
Label	Used to label channels



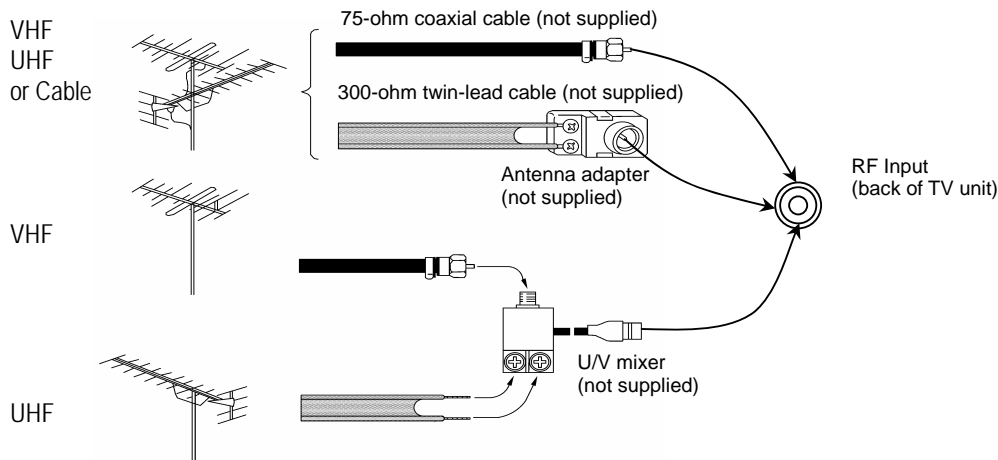
INSTALLATION

- Please read the safety instructions in this manual completely before installation.
- Install your TV in an area where direct sunlight will not fall upon the screen.
- Soft, indirect light is best for television viewing.
- Allow enough space (at least 4 in.) between the TV and any walls or enclosures for proper ventilation.
- Optimum television viewing distance is 3-5 times the screen's size.

Auto-Degaussing

Color television can be easily affected by magnetism, which shows as color distortion on the screen. If your TV is affected by nearby magnetic components or appliances, turn it off for a few minutes. The built-in auto-degaussing circuit will eliminate the magnetic interference.

Connecting the Antenna



Notes:

1. It is recommended that a 75 ohm coaxial cable be used in order to eliminate interference and noise which may occur due to nearby radio transmissions.
2. The antenna cable should not be tied together with other wiring.
3. Set up a lightning rod and check it regularly when an outdoor antenna is used.

Installing the Remote Control Batteries

1. Remove the battery compartment lid.
2. Insert two AAA batteries (included). Make sure the positive (+) and negative (-) polarities are correctly aligned.
3. Reattach the battery lid.

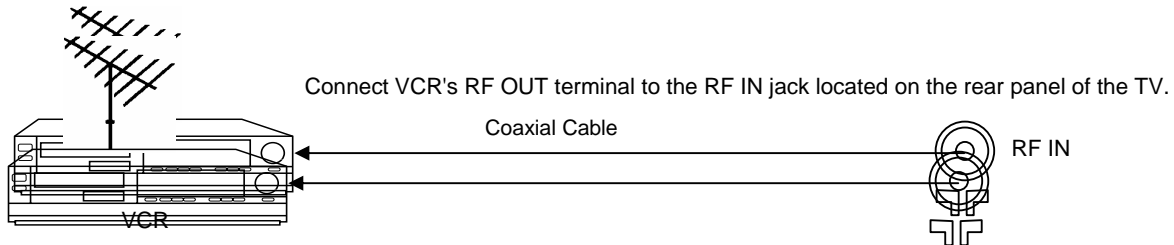
Notes:

1. Alkaline batteries are recommended for longer life.
2. Always replace both batteries at the same time.
3. Do not expose batteries to fire or break them open.
4. To avoid battery leakage, remove batteries from the remote control when it is not being used for a long period of time.
5. If the remote control can't control the TV properly after new batteries installed, remove the batteries from the remote control and hold down the F key for over 5 seconds. Insert the batteries and try again.

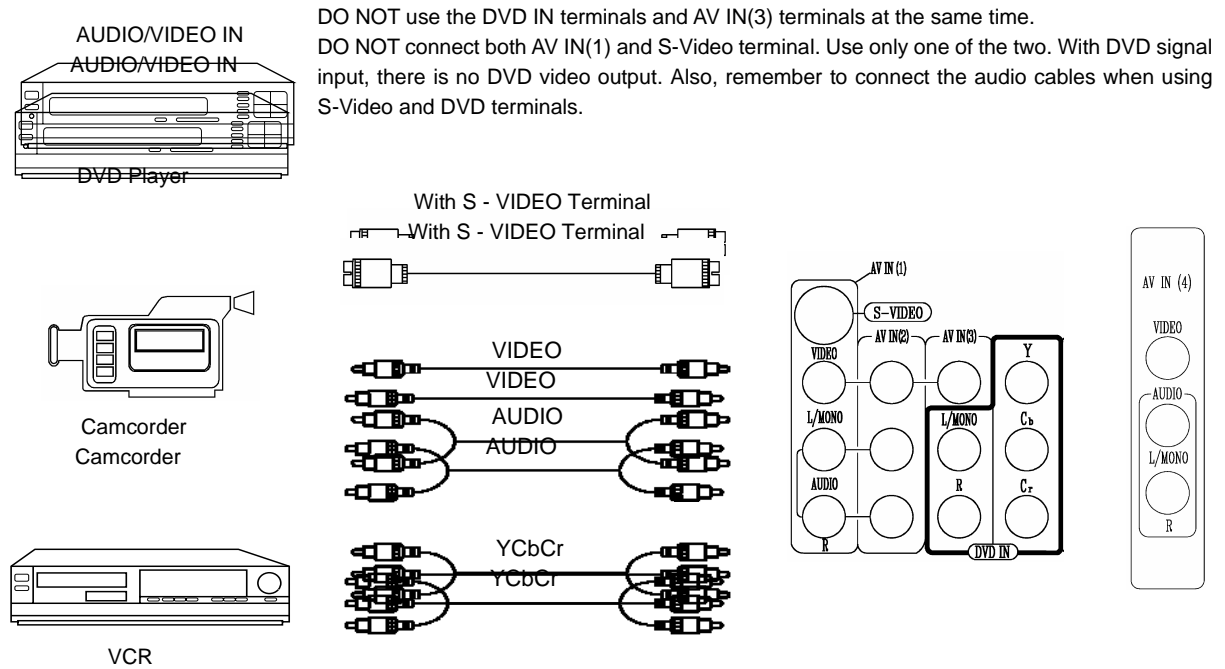
INSTALLATION (continued)

Connecting A/V Equipment (continued)

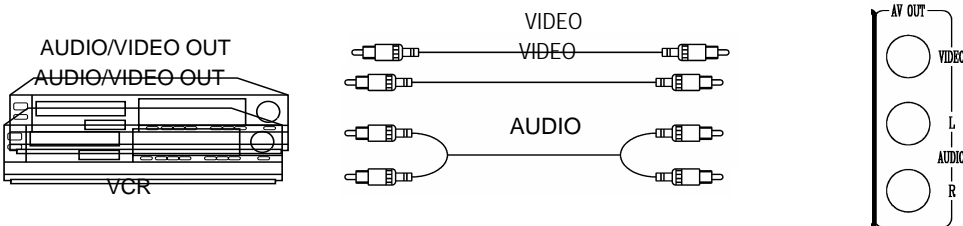
The following are diagrams showing basic instructions for attaching external equipment, like a VCR or DVD player, to your TV set. Please refer to operation manuals of external audio/video equipment that will be connected to your set for additional instructions. PLEASE TURN OFF ALL POWER BEFORE CONNECTING DEVICES TOGETHER.



Input from Device to TV



Output from TV to Device



The side terminals may be easier to use with a camcorder. The connections are identical.

FUNCTIONS & FEATURES

Turn On/Off

1. Turn On

Plug in the supply cord, and the TV should enter the Standby mode. Pressing the STANDBY on the remote control or on the TV can turn on the TV. Also, the power indicator light on the TV will come on.

2. Standby (Soft Off)

While the TV is on, press the STANDBY key. This will put the TV in Standby or soft off mode. The power indicator light on the TV set will turn off.

3. Auto off when no signal received

The TV set will automatically enter into Standby mode when the following conditions are met.

- 1) TV is in antenna mode.
- 2) Current channel has no signal.
- 3) No key is pressed within 15 minutes.

Basic Functions

Changing the Channel

While in Tuner mode, press the CH +/- keys to change the channel, or use the numeric keypad to enter a new channel.

Adjusting the Volume

To increase or decrease the volume, press the VOL +/- keys. The volume adjustment ranges from 0 to 100.

Muting the Volume

To mute the volume, press the MUTE key. To restore the volume, press MUTE again.

Function Selection Menus

All Function menus can be accessed by pressing the MENU key on the remote control or the top panel. Navigation of the menu be done with the arrows and ENTER keys on the remote and - CH + and - VOL + keys on the top panel. Exit with the MENU key.

Video Setting Menu

This menu allows you to adjust the various picture settings.

Access

From the Main menu screen, press the left or right arrow key until *Video Setting* is highlighted. Then the Video Setting menu is displayed.

Picture Control: Press the up or down arrow key to select *Picture Control* and right arrow key or ENTER key to access the sub menu. Use the up or down arrow key to move between the various settings, and the left or right arrow key to adjust them.

CONTRAST: 0 (minimum contrast) to 100 (maximum contrast)

BRIGHTNESS: 0 (dimmiest) to 100 (brightest)

COLOR: 0 (minimum color) to 100 (maximum color)

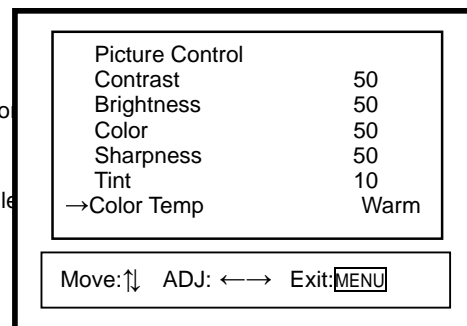
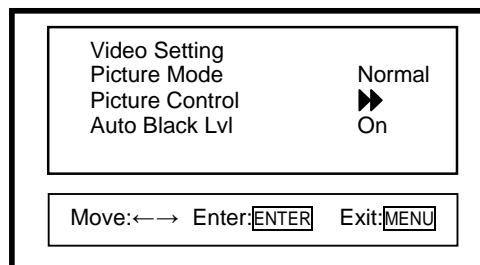
SHARPNESS: 0 (minimum sharpness) to 100 (maximum sharpness)

TINT: -50 (more purplish) to +50 (more greenish)

COLOR TEMP: Cool, Standard or Warm

Picture Mode: Use the left or right arrow key to select among User, No, Movie and Sports.

Auto Black Lvl: This feature improves gradation of picture. Press the left or right arrow key to set it On or Off after *Auto Black Lvl* is highlighted.



FUNCTIONS & FEATURES (continued)

Function Selection Menus (continued)

Audio Setting Menu

This menu allows you to adjust the various audio settings.

Access

From the Main menu screen, press the left or right arrow key until *Audio Setting* is highlighted. Then the Audio Setting menu is displayed.

Sound Control: Press the up or down arrow key to select *Sound Control* and right arrow key or ENTER key to access the sub menu. Use the up or down arrow key to move between the various settings, and the left or right arrow key to adjust them.

BASS: 0 (less Bass) to 100 (more Bass)

TREBLE: 0 (less Treble) to 100 (more Treble)

BALANCE: -50 (Left Dominance) to +50 (Right Dominance)

SURROUND: Off, On

AVC: Off, On

Sound Mode: Use the left or right arrow key to select among User, Normal, Movie, Speech and Music.

AVC: This feature will automatically control volume. Highlight *AVC* and use the left or right arrow key to set it On or Off.

Surround: This feature offers dynamic acoustic effect. Highlight *Surround* and use the left or right arrow key to set it On or Off.

Channel Setting Menu

Access

From the Main menu screen, press the left or right arrow key until *Channel Setting* is highlighted. Then the Channel Setting menu is displayed. Use the up or down arrow key to move between the various settings, and the left or right arrow key to adjust them.

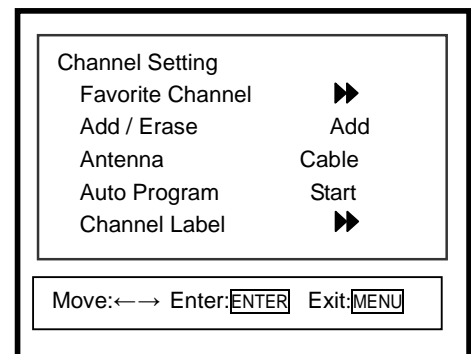
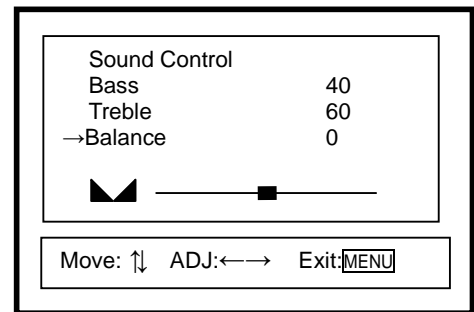
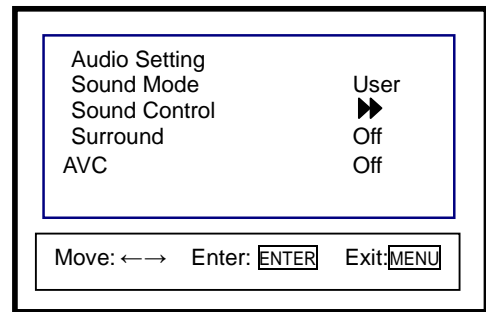
Favorite Channel: This feature allows you to set favorite channels. Use the up or down arrow key to highlight *Favorite Channel*, and the right arrow or ENTER key to call up the sub menu.

1. When *Mode* is set to *Auto*, use the numeric keypad to directly enter the favorite channel numbers. The TV only stores the last five effective channels.
2. When *Mode* is set to *Manual*, The TV stores favorite channels respectively in Air and Cable mode. Use the up or down arrow key to move between the various selections, and the left or right arrow key or numeric keypad to select the favorite channel numbers. Press the ENTER key to shift the TV to the selected channel.

Erase/Add: This feature allows you to add or remove the channel currently displayed on screen from the "active channel list." Active channel list is the list of channel that is available by pressing the CH+/- keys. Use the left or right arrow key to select *Add* or *Erase*.

Antenna: This feature sets the TV tuner to an Air antenna or a Cable antenna. Please use *Air* mode when using an over-the-air antenna; use *Cable* mode for a cable hookup. Use the left or right arrow key to select between the two options.

Auto Program: This feature will setup the Active channel list for the user. The list will include only the channels with a signal detected. Press the right arrow key to begin and the left arrow key to stop the process.



FUNCTIONS & FEATURES (continued)

Function Selection Menus (continued)

Channel Label: This feature allows you to label channels in up to 5 characters. Use the up or down arrow key to highlight *Channel Label*, and the right arrow key to call up the sub menu.

1. Use the up or down arrow key to choose *Channel*, and the left or right arrow key to select the channel (the current channel is default).
2. Choose *Name* in the same way as above. Use the left or right arrow key to select one of the characters (including 0-9, &, /, - and A-Z) cyclically, and the up or down arrow key to move the cursor.

Channel Label

→Channel 121

Name: ()

Move: ↑↓ ADJ:←→ Exit:MENU

Notes:

1. If a channel has been labeled, the TV will display the corresponding channel name when shifted to the channel.
2. In the AV mode, channel setting menu is not available.

Timer Setting Menu

This menu allows you to set a time for the TV to turn on or off and tune the TV to a specific channel at preset time.

Access: From the Main menu screen, press the left or right arrow key until *Timer Setting* is highlighted. Then the Timer Setting menu is displayed. Use the up or down arrow key to move between the various settings, and the left or right arrow key to adjust them.

Notes:

1. Only after you set the current time, can you set On Time, On Channel and Off Time.
2. On/off time can be set to one of the three modes: Off, Once and Always.

Timer Setting

Current Time 01:00AM

Time Channel

1: 07:30PM	121	Once
2: 04:00PM	80	Always
3: 09:45AM	40	Off
4: - : - : -	---	Off
5: - : - : -	---	Off
Off Time	- : - : -	Always

Move: ↑↓ ADJ:←→ Exit:MENU

Parental Guide Setting Menu

This feature allows parents to block certain programs from being viewed, based on the programs' rating.

Access: From the Main menu screen, press the left or right arrow key until *Parental Guide Setting* is highlighted. In order to access this menu, you must first enter a pass code. The factory default is **1225**.

Parental Guide Setting

→Password - - - -

Enter Password

Parental Guide: Only with *Rate Setting On*, are *TV-Rating* and *MPAA-Rating* displayed. Press the up or down key to move between the two items and right arrow key to access the TV-Rating or MPAA-Rating grid.

TV-Rating: Using the up or down arrow key to navigate between the ratings, press the left or right arrow key to select *U* or *B*. A *U* indicates a rating which is unblocked and a *B* indicates a rating which is blocked.

Parental Guide

→Rate Setting On

TV-Rating ▶▶

MPAA-Rating ▶▶

Password Setting ▶▶

Move: ↑↓ ADJ: ←→ Exit:MENU

TV-Rating

Rating	F	V	D	L	S	V
TV-Y	→U					
TV-Y7	U	U				
TV-G	U					
TV-PG	U	U	U	U	U	
TV-14	B	B	B	B	B	
TV-MA	B	B	B	B		

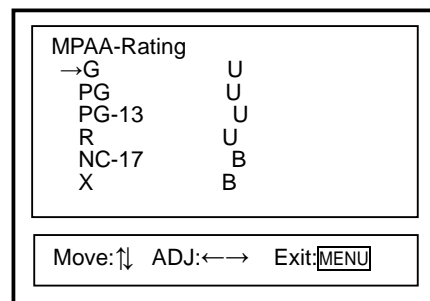
Move: ↑↓ ADJ: ←→ Exit:MENU

FUNCTIONS & FEATURES (continued)

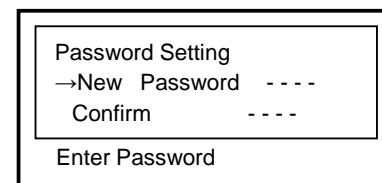
Function Selection Menus (continued)

MPAA-Rating: Use the up or down arrow key to navigate between the ratings. Pressing the MENU key with a rating highlighted will block that particular rating from being shown on this TV. A *U* indicates a rating which is unblocked and a *B* indicates a rating which is blocked. Please note that blocking a lower rating (for example, PG) will block all higher ratings (PG-13, R, NC-17, X.)

Age	Defined as	Contents	Defined as
TV - Y	All Children	FV	Fantasy Violence
TV - Y7	Directed to Older Children (over 7)	D	Sexual Dialogue
TV - G	General Audience	L	Adult Language
TV - PG	Parental Guidance Suggested	S	Sexual Situations
TV - 14	Parents Strongly Cautioned	V	Violence
TV - MA	Mature Audience Only		



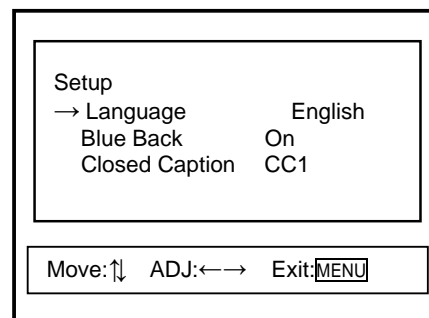
Password Setting: This feature allows you to change the access code for the Parental menu. Press the right arrow or ENTER key to access the sub menu. Then enter the new password using the numeric keypad. If the right number was entered, "New Password OK!" are displayed on the screen. If not, "Invalid! Enter again!" are displayed.



Setup Menu

From the Main menu screen, press the left or right arrow key until *Setup* is highlighted. Then the Setup menu is displayed. Use the up or down arrow key to move between the various selections in this menu.

Language: This feature allows you to pick a language used for the on screen display (OSD). Use the left or right arrow key to select the language of your choice – English (Eng.), French (Fra.), or Spanish (Esp.).



Blue Background: This feature gives you the option to display a blue background on the TV screen when there is no signal present. Use the left or right arrow key to toggle between on and off.

Closed Caption: Closed caption is a feature that allows your TV set to display closed caption signal on screen. It also allows you to display teletext signal. There is nine different setting for closed caption. You can set it to one of the 4 Closed Caption settings (CC1-4), one of the 4 Text settings (T1-4), or set this feature to off (CCD/Text off).

Useful Remote Control Features

Display

This key allows you to display the current information of the TV screen (channel, antenna mode, time, video, etc.). Display disappears in about 6 seconds.

0-9

Press the 0-9 keys to enter channel numbers directly (2-69 in the Air mode or 1-125 in the Cable mode).

- 1.To choose a one-digit channel number, press the corresponding Number key directly to switch to the desired channel number in about 3 seconds.
- 2.To choose a two-digit channel number, enter a first-digit and then a second digit within 3 seconds.
- 3.To choose a three-digit channel number, enter a first-digit, second-digit and third-digit respectively in the way mentioned above.

Scan

Press the SCAN key to display the current channel No. and Scan mode (Scan On or Scan Off). Press the key firstly to display *Scan Off* on the screen. Press the key secondly to display *Scan On* on the screen. And the TV begins to scan through all active channels. Upon completion, the TV automatically returns to the current channel and shifts to the Off mode. Pressing any key can interrupt scanning.

FUNCTIONS & FEATURES (continued)

Useful Remote Control Features (continued)

Picture

Your TV has factory preset picture modes that allow you to optimize your TV viewing. To activate these picture modes, press the PICTURE key, and you can choose among User, Normal, Movie and Sports.

Sound

Press the SOUND key repeatedly, and you can choose among User, Normal, Movie, Speech and Music.

Recall

This key will allow you to return to the last channel you were viewing. Pressing it again will return you to the channel you just left.

Favorite

This key will display the favorite channel if a favorite channel is set.

Full

This key will switch the TV between Wide and Normal modes.

CC

Pressing the CC key will activate the currently selected Closed Caption or Text. Press the key repeatedly to select another mode in turn.

OFF → CC1 → CC2 → CC3 → CC4 → T1 → T2 → T3 → T4

Video

This key allows you to toggle between antenna mode and different video modes cyclically:

Child Lock

The Child Lock feature prevents unauthorized viewing of the TV. To activate, press and hold the F key, and then press MUTE. This will lock out all remote functions (except for Standby) and *Child Lock On* will be displayed for 6 sec. You can see only the current channel with normal picture and sound. With Child Lock set before turn-off, no picture and no sound are available from the TV if the TV is turned on again, but only *Child Lock On* displayed. To unlock the TV, press and hold the F key and press MUTE. This will unlock the TV. Please note that the only way to activate or deactivate the Child lock feature is via remote control - please insure that it is stored securely.

Sleep

Press the SLEEP key repeatedly to switch the TV to one of the following modes cyclically: Off→15→30→45→60→90→120→150→180 (Unit: Minute). With Sleep Off set, press the SLEEP key firstly to display the remaining time and press it secondly to re-set the Sleep Off time.

"TV will turn off soon!" will be displayed on the screen one minute before the Sleep timer runs out.

MTS/SAP

In the TV mode, the TV can automatically identify MTS stereo modes to one of Mono, Stereo, Stereo/SAP and Mono/SAP. Under no signal condition, the audio mode does not appear on the screen.

When receiving signals from external equipment in the Video mode, Stereo is defined as default. Press the MTS/SAP key repeatedly to set Input to Stereo, L or R.

Press the key firstly after OSD disappears to display the auto-identified MTS mode. Press it again before the OSD disappears to compulsorily set another MTS mode.

Signal Received	Press MTS/SAP key
STEREO	STEREO, MONO
MONO/SAP	SAP, MONO
STEREO/SAP	STEREO, SAP, MONO
MONO	MONO

Label

This key functions only in the TV mode. For an explanation of this feature, please see page 11.

ADDITIONAL FEATURES

Programming the Remote Control

1. Set the **TV, DVD/VCR, SAT/CAB, AUX** switch to the device you want to control

2. To program the remote control

1) Press and hold the SET key for over 3 seconds until the LED indicator on the remote control turns off. Release the key and the LED will light again. The remote control is now in the PROGRAMMING mode.

2) Use the 0-9 keys to enter three-digit code number for your device. If the right code number was entered, the LED blinks three times. If you enter a code not listed below, or you press any other keys than STANDBY and ENTER, the LED turns off.

3) "**TV**": To control TV . "**DVD/VCR**": To control DVD, VCR, LD and CD. "**SAT/CAB**": To control satellite receiver and cable box. "**AUX**": To control all the above appliances

3. To search codes

1) Press and hold the SET key for over 3 seconds until the LED indicator on the remote control turns off. Release the key and the LED will light again. The remote control is now in the PROGRAMMING mode.

2) Press the STANDBY key and code search begins.

3)

Press	Description
Up or down arrow key	The remote control searches codes upwards or downwards. Each time you press the up or down arrow key, the code number for the STANDBY key increases or decreases by 1; or the code number automatically increases or decreases by 1 per 3 seconds. Try each code separately until you find the one that works. If not after trying all the codes, LED blinks rapidly eight times and search stops.
ENTER	If the desired code number is found, press the ENTER key to confirm the current searched code number for your device. Then LED blinks rapidly three times to exit from search.
Other keys	LED blinks rapidly eight times and search stops.

4) When the **TV, DVD/VCR, SAT/CAB, AUX** switch is set to the "AUX" position, the remote control can not search code.

4. To check the current code number

1) Press and hold the SET key for over 3 seconds until the LED indicator on the remote control turns off. Release the key and the LED will light again. The remote control is now in the PROGRAMMING mode.

2) Press the ENTER key.

3) You may read the code number according to the LED display status as follows.

Code Number			LED Display Status		
First-digit	Second-digit	Third-digit	First-digit	Second-digit	Third-digit
0	0	0	Blinks rapidly once	Blinks rapidly once	Blinks rapidly once
1	0	6	Blinks once	Blinks rapidly once	Blinks six times
0	4	3	Blinks rapidly once	Blinks four times	Blinks three times
1	5	0	Blinks once	Blinks five times	Blinks rapidly once

5. To use the REC key

The REC key functions only when it is pressed twice continuously.

TROUBLESHOOTING GUIDE

Check the following guide for a possible correction to a problem before contacting customer service.

Symptoms	Correction
No power	·Verify the power cable to plug into an outlet with power.
No picture	·Verify the connection from the DVD/VCR video output to the TV video input is secure. Then switch TV to the appropriate Video mode. ·Verify an antenna cable is securely connected to the RF in jack.
No sound	·Connect the audio cables into the terminals securely. ·Verify the connection from the DVD/VCR audio output to the TV audio input. Then switch to the appropriate mode on the receiver. Refer to your audio amplifier owner's manual. ·Verify the volume is at an appropriate level and the mute feature is not on. ·Make sure MTS feature is properly set.
No TV signal	·Verify the TV is set to Antenna mode. ·Make sure the antenna is securely connected to the RF in jack. ·Unplug the TV from the wall for 30 seconds, then plug in and try again. ·Unplug the antenna connection from the back of the TV, unplug the TV from the wall, wait 30 seconds, then try again.
Stripe or purple interference appears in the screen.	·Verify the speakers around the TV set are shielded.
Picture becomes snowy.	·Verify the antenna lead wire is in working condition. ·Verify the antenna is connected securely to the RF in jack.
Picture with multi-image	·Move the antenna around to minimize multi-images. ·The video frequency radiated from TV station can be reflected by tall buildings, high tower, etc.
TV channel not received	·Make sure the Air/Cable setting is correct. ·Channel may be locked with the block channel feature, such as Parental Control. ·Check Add/Erase feature, as channel may have been erased during set up.
Black box appears on screen.	·Verify Closed Caption feature is off.
Remote control doesn't operate.	·Batteries may be weak. Replace batteries. ·Make sure nothing is located between the remote and the remote sensor.
No stereo or foreign language received.	·Verify MTS feature is properly set.

PACKING LIST	
Parts	QTY
Color TV Receiver	1
Remote Control	1
Operation Manual	1
AAA Alkaline Batteries	2
Quick Start Guide	1

