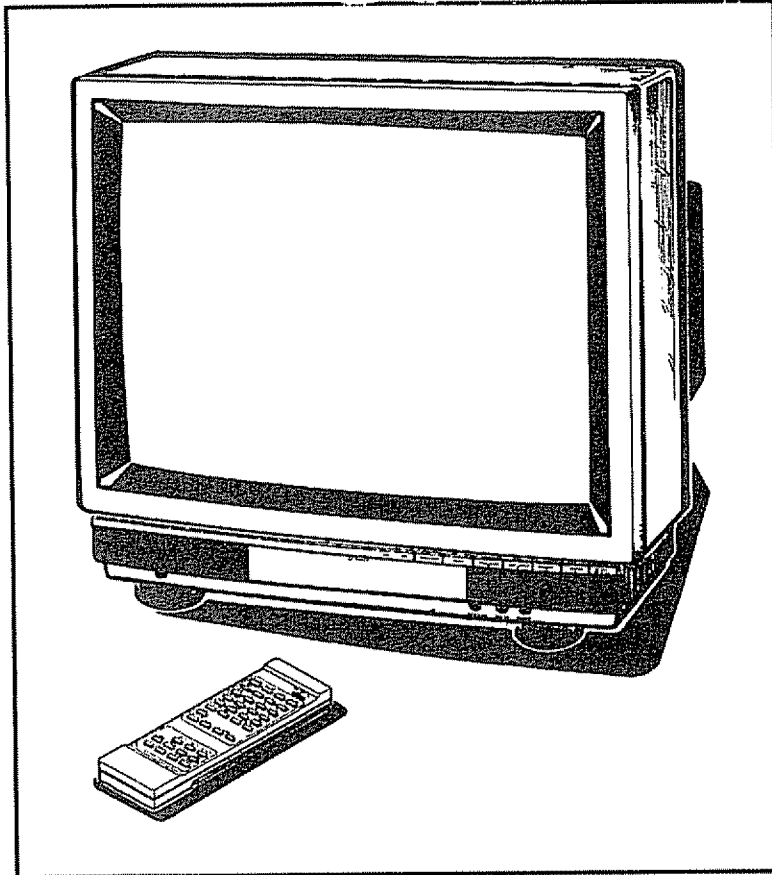


**SEARS**

OWNER'S  
MANUAL

MODEL NO.  
564.42977950  
SERIES



**SEARS  
31" TABLETOP  
COLOR TELEVISION  
WITH STEREO SOUND  
AND REMOTE CONTROL**

Record the Model No.  
and the Serial No. of  
your television in the  
space provided.

Model No.  
\_\_\_\_\_

Serial No.  
\_\_\_\_\_

Keep this information  
for future use.

Safety Information  
Use  
Warranty and Service

Sears, Roebuck and Co., Chicago, IL 60684 U.S.A.

## Dear Customer

*Congratulations, you are the owner of a new Sears Color Television!*

Your television is designed for long life and superior operation. In order to enjoy all the features and to become familiar with your new television, spend a little time reading this manual. This owner's manual contains detailed descriptions of the various features and how they operate. You should also read the Safety Tips pamphlet included with your television.

The following items should be included with your TV:

- Safety Tips Pamphlet
- Remote Hand Unit
- Antenna Adapter
- Two (2) "AA" Batteries

If you do have problems with your TV you can often correct them yourself. Refer to HELPFUL HINTS-Problems/Solutions on pages 37 and 38. (These pages are easily identified by a stripe on the outer edge.)

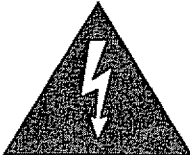



## CABLE COMPATIBLE

Cable Television (CATV) is only available to customers subscribing to a pay-TV cable service. Your television should tune in most of the cable channels without a converter box. Your local Cable Company can explain the available services.

## WARNING:

**WHEN USING COMPUTERS OR VIDEO GAMES WITH THIS TELEVISION, DO NOT USE TOO MUCH BRIGHTNESS AND CONTRAST. TOO MUCH BRIGHTNESS AND CONTRAST USED FOR A LONG TIME MAY PERMANENTLY PUT AN IMAGE ON THE PICTURE TUBE.**

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

	<b>CAUTION</b> RISK OF ELECTRIC SHOCK DO NOT OPEN	
<b>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.</b>		
 THIS SYMBOL INDICATES THAT DANGEROUS VOLTAGE CONSTITUTING A RISK OF ELECTRIC SHOCK IS PRESENT WITHIN THIS UNIT.	 THIS SYMBOL INDICATES THAT THERE ARE IMPORTANT OPERATING AND MAINTENANCE INSTRUCTIONS IN THE LITERATURE ACCOMPANYING THIS UNIT.	

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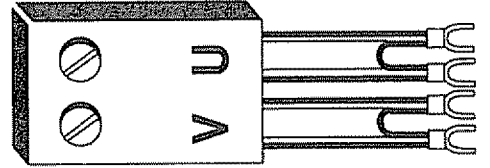
# GLOSSARY

NOTE: These items may not be supplied with this set.

**75 Ohm lead-in cable (not supplied):** A round coaxial cable used to connect your antenna (or cable service) to the TV.



**Antenna Splitter (not supplied):** A device used to separate the UHF band and VHF band antenna signals.



**300 Ohm twin-lead wire (not supplied):** A flat wire (dual lead-in) used to connect your antenna to the TV.

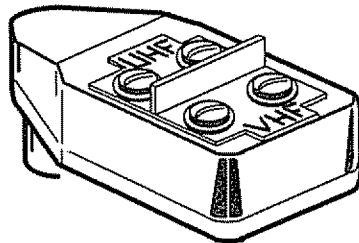


**Audio:** The sound portion of a program.

**Bilingual Sound Signal:** A broadcast signal containing two separate audio soundtracks at the same time. Also known as a SAP signal.

**Cable Television (CATV):** The pay-TV service available in most metropolitan areas.

**Antenna Adapter (supplied):** A device used to connect flat twin-lead antenna wire to the TV's antenna terminal.



**Converter Box (not supplied):** A tuner that allows you to receive channels that are not available using a standard TV tuner. Cable companies often require a decoder box to unscramble their signals.

**Digital Control:** Computer controlled electrical circuits.

**Impedance:** A characteristic of an electrical device, expressed in Ohms. For the maximum signal strength between two devices (such as an antenna and a TV), the impedances should match. Impedance mismatching will not damage the components but it can cause signal problems.

**Monaural (Mono) Sound Signal:** An audio broadcast having a single signal path.

**Multi-channel Television Sound (MTS):** Television programs broadcasted with stereo sound and/or SAP sound.

**Ohms ( $\Omega$ ):** The unit of measurement for resistance in an electrical device.

**One Button Color (OBC):** A system in which the color, tint, contrast, brightness, sharpness, balance, bass and treble are preset to provide a good color picture with good sound reproduction.

**SAP/Secondary Audio Programs:** Television programs broadcasted with two audio (primary and secondary) soundtracks. The primary soundtrack will match the picture on the screen. The secondary soundtrack may be:

- a) a second language
- b) a soundtrack that matches the picture
- c) a soundtrack that does not match the picture.

**Signals:** The electronic information used to produce the picture and sound. This information is received through the Antenna Terminal or Video/Audio Input Jacks.

**Stereo Sound Signal:** An audio broadcast having two (R/L) signal paths.

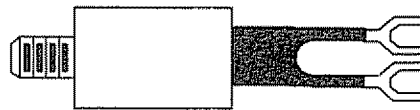
**Surround Sound:** A feature which creates another dimension for the audio signals, front and rear, as well as right and left.

**S-Video:** A VCR connection for separated Y/C video signals. The picture information and the color information are separated to improve the signal.

**UHF:** Ultra High Frequency television channels 14-69.

**VHF:** Very High Frequency television channels 2-13.

**VHF Signal Adapter (not supplied):** A device used to connect a round coaxial cable to twin-lead terminals.



**Video:** The picture portion of a program.

# FRONT CONTROL PANEL

ADD 34

## Auto/Add (Channel Program) Key

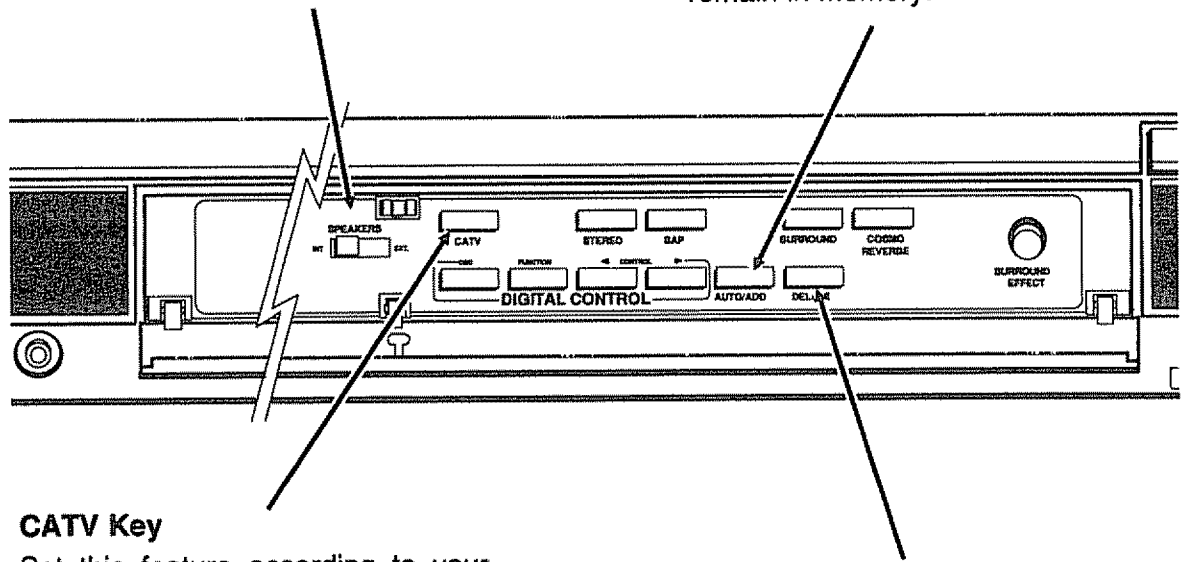
Press and hold this key for three seconds then release to begin programming all active channels into the tuning system memory.

To add a channel to memory, select the channel (using the *Channel Selection* keys on the Remote Hand Unit), then press and release this key. (The Channel Add Display will appear on the screen.)

NOTE: If the power cord is unplugged or a power failure occurs the programmed channels will remain in memory.

## Hideaway Controls Compartment

To open the door, press and release the center of the top edge.



## CATV Key

Set this feature according to your TV signal hook-up. (Refer to pages 14-19.)

In the Normal mode, you can select VHF channels 2-13 and UHF channels 14-69.

In the CATV mode, the Cable Channel Indicator "C" will appear and you can select Cable channels 1-125 (if available).

## Delete (Channel Program) Key

Use this key to delete unwanted channels from the tuning system memory. Select the unwanted channel, then press and hold this key for three seconds. (The Channel Delete Display will appear on the screen.)

CABLE CHANNEL  
INDICATOR

C 05  
MON 9:45

DELETE 26

**Power Key**

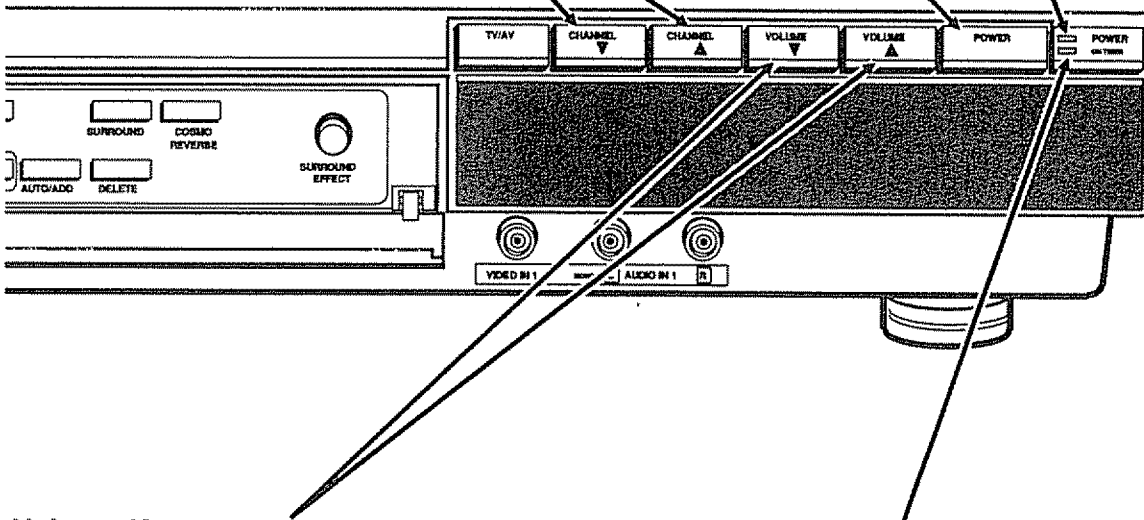
Press once to switch on the TV;  
press again to switch off the TV.

**Channel Scanning Keys**

Press the ▲ (up) key to scan  
programmed channels larger in  
numerical value than the channel  
number displayed. Press the ▼  
(down) key to scan programmed  
channels smaller in numerical value  
than the channel number displayed.

**Power Indicator**

Lights to indicate the TV is on.



**Volume Keys**

Press the ▲ (up) key to increase  
the volume. Press the ▼ (down)  
key to decrease the volume. (The  
Volume Level Display will appear  
on the screen.)

**On Timer Indicator**

Lights to indicate the Timer has  
been preset to switch the TV on at  
a certain time.



# FRONT CONTROL PANEL (Continued)

## Stereo Key

Press to select the desired sound (stereo or monaural). Stereo sound is available only when a stereo signal is being received.

(Refer to pages 28 and 29.)

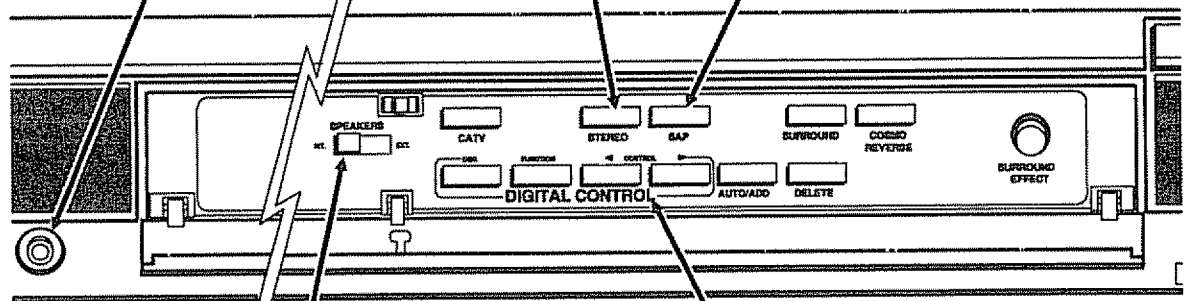
## SAP Key

Press to select the desired audio soundtrack signal (primary or secondary). The secondary sound is available only when a SAP signal is being received.

(Refer to pages 28 and 29.)

## Stereo Headphones Jack

This jack allows you to use stereo headphones (not supplied) for listening to the TV. (Refer to page 36.)



## Speakers Switch

Set to "INT" position to receive audio through the main TV speakers. Set to "EXT" position to receive audio through your external speakers or the external equipment connected to the Audio Output jacks.

## Digital Control Keys

Use these keys to adjust the color picture and sound quality. (Refer to page 12.)

NOTE: The TV's newest features can be displayed on the screen. To begin the feature demonstration, press and hold either *Control* key for three seconds then release. The displays will continue to repeat until either *Control* key is pressed for three seconds.



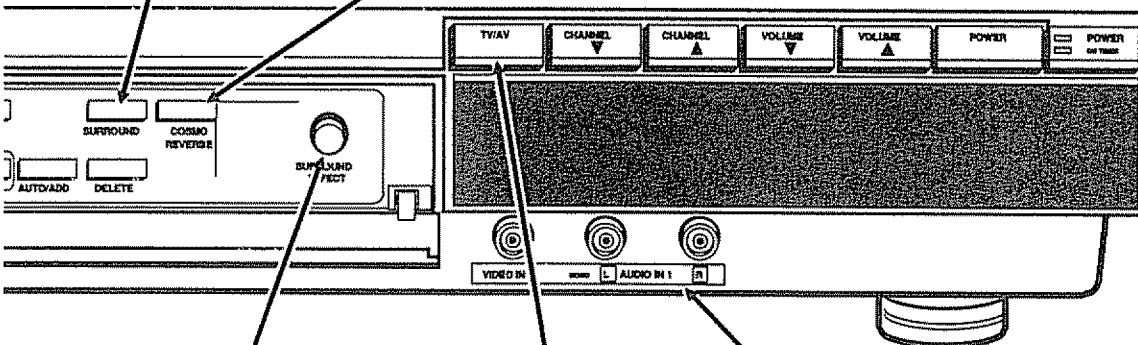


### Surround Key

This feature creates another dimension for stereo sound, front and rear, as well as right and left. Press this key once to display the volume level, press the key again to activate the feature and enjoy surround sound. The Surround Display will appear on the screen.

### Cosmo Reverbe Switch

Press this switch to the on (in) position to create simulated stereo sound from a monaural signal. This switch allows you to enjoy the surround sound features even when a monaural signal is being received. This feature is for use with monaural signals only.



### Surround Effect Control

Use this control to adjust the surround sound "echo" effect of the surround speakers.

### Video Audio Input 1 Jacks

Use these jacks to directly connect external video equipment to your TV. (Refer to page 31.)

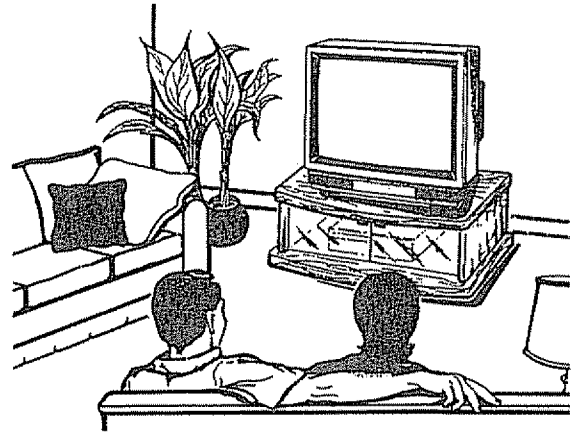
### TV/AV Key

Press to change between program sources: TV, A/V 1, A/V 2 and A/V 3. (Refer to page 31.)

## ENJOYING YOUR TV

### DECIDE ON A LOCATION

Select a location where direct light from lamps or windows does not reflect off the screen. Be sure to allow enough space to connect cables to the terminals on the back of the TV.

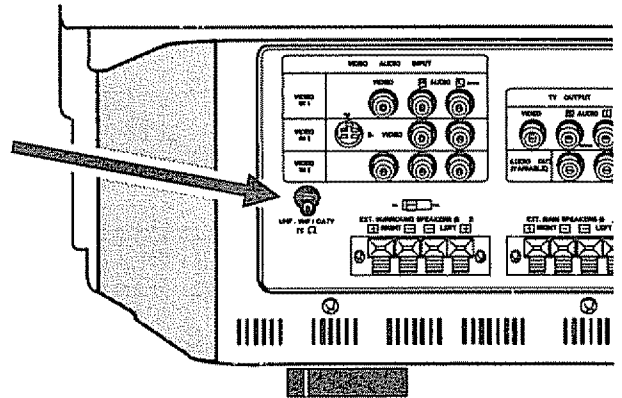


### HOOK-UP THE SIGNAL

You must connect a signal to your TV. (Refer to pages 14-19 for detailed antenna connections.)

### AUTO SHUT-OFF

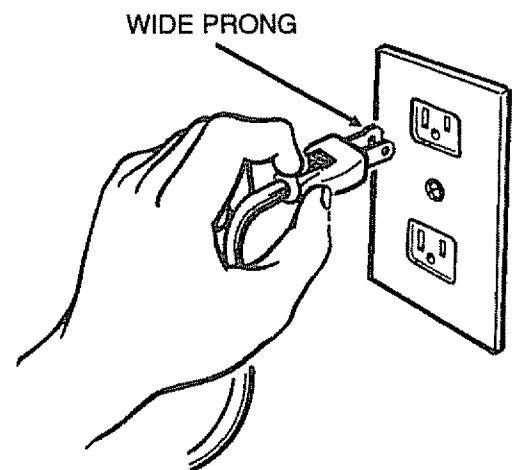
Your TV is designed to shut-off automatically after 15 minutes if a signal is not being received.



### PLUG-IN THE POWER CORD

Plug the power cord into a convenient wall outlet supplying standard house power (120 volts AC, 60 Hz). As a safety feature, the plug has one prong wider than the other. It will fit only one way into an outlet. **Do not defeat the safety feature of the plug.**

**NOTE:** If the TV is not going to be used for a long time, you should unplug the TV from the power outlet.

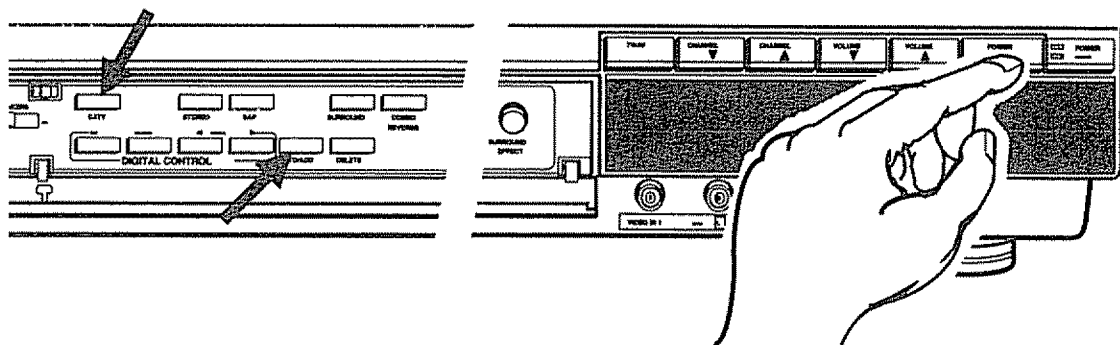


## SWITCH ON THE TV

Press the *Power* key. The picture will appear after a few seconds. The Power Indicator will be lit.

Open the Hideaway Controls Compartment Door (press and release the center of the top edge).

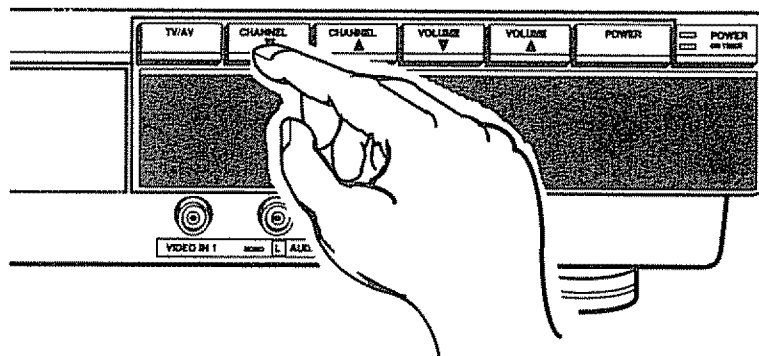
- If your TV is connected to a Cable System, press the *CATV* key to select the CATV mode. (The Cable Indicator "C" should appear next to the channel number.)
- Press and hold the *Auto/Add* (Channel Program) key for three seconds. The TV will begin to program the active channels into the tuning system memory.



## SELECT A LOCAL CHANNEL AND ADJUST THE VOLUME

Press the *Channel* ▲ (up) or ▼ (down) key to select a channel.

Press the *Volume* ▲ (up) or ▼ (down) key to adjust the volume.



REFER TO HELPFUL HINTS ON PAGES 37 and 38 IF YOU HAVE PROBLEMS.

# A TOP QUALITY PICTURE AND SOUND

## AUTOMATIC ONE BUTTON COLOR (OBC)

Whenever the *OBC* key is pressed: the color, tint, contrast, brightness, sharpness, balance, bass and treble levels return to the factory settings. Normally the best picture and sound is produced at these levels, with no adjustments required. (The list of controls will appear on the screen and the level indicator bar will be red.)

## MANUAL ADJUSTMENTS

These adjustments are not required if the picture and sound are satisfactory.

- Press and release the *Function* key once to display the list of controls.
- Continue to press and release the *Function* key until the desired control is highlighted.
- Press the *Control* keys to make adjustments. Refer to the control adjustment chart below.



DIGITAL CONTROL ADJUSTMENT		CONTROL KEY	
		◀	▶
COLOR	To adjust color intensity	Lighten	Deepen
TINT	To adjust flesh tone tints	Greenish	Purplish
CONT	To adjust picture contrast	Lighter	Deeper
BRITE	To adjust picture brightness	Darker	Brighter
SHARP	To adjust picture focus	Softer	Crisper
BAL	To adjust balance between speakers	Increase to left	Increase to right
BASS	To adjust low frequency tones	Decrease	Increase
TREBLE	To adjust high frequency tones	Decrease	Increase

REFER TO HELPFUL HINTS ON PAGES 37 AND 38 IF YOU HAVE ANY PROBLEMS.

# GETTING THE MOST FROM YOUR TV

## THE NEWEST FEATURES

### **On-Screen Display**

The channel number, time of day, volume level, video/audio program selection and other information is displayed in large easy to read characters on the screen.

### **Digital Control**

Your TV is designed with digital controls for adjusting the color picture and sound quality. (Refer to page 12.)

### **MTS Stereo Sound**

Your TV is equipped to receive Multi-channel Television Sound (MTS) stereo signals. This allows you to listen to stereo broadcasts, where available. (Refer to pages 28 and 29.)

### **Bilingual Sound**

Your TV can receive Secondary Audio Programs (SAP) signals. This allows you to select either the primary or secondary soundtrack, where available. (Refer to pages 28 and 29.)

### **Surround Sound**

This feature creates another dimension for the audio signals, front and rear, as well as right and left. The listener can enjoy the feeling of being surrounded with sound.

### **Feature Demonstration**

The newest features of your TV can be displayed on the screen. (Refer to page 8.)

### **181 Channels**

Your TV is designed to receive VHF Channels (2-13) and UHF Channels (14-69) or Cable Channels (1-125), where available.

### **Remote Hand Unit**

You can operate the TV and a VCR from across the room using your wireless Remote Hand Unit. (Refer to pages 20-27.)

### **Time and Day of Week Clock**

You can set the clock to display the time and the day of the week on the screen. (Refer to page 26.)

### **Off-Timer/On-Timer**

The Timer function switches on and off the TV automatically. It can be set for a certain time of day. (Refer to page 27.)

### **Video/Audio Jacks**

Use these jacks to directly connect external video equipment to your TV. (Refer to pages 30-33.)

### **External Speaker Terminals**

Use these terminals to directly connect external speakers to your TV. (Refer to pages 34 and 35.)

### **Auto Shut-Off**

Your TV is designed to shut-off automatically after 15 minutes if a signal is not being received.

## CONNECTING TELEVISION UHF/VHF/CATV SIGNALS

- OUTDOOR ANTENNAS
- CABLE TELEVISION (CATV) SYSTEMS
- MASTER ANTENNA SYSTEMS
- INDOOR ANTENNAS
- VCR CONNECTIONS

In order to produce a quality picture, the best possible signal must be properly connected to the TV.

Use the following descriptions and figures as examples of signal connections. The type of lead-in wire, channels available to you, and accessories will dictate your exact hook-up requirements. Keep all signal wiring as short and direct as possible to reduce signal loss and picture interference.

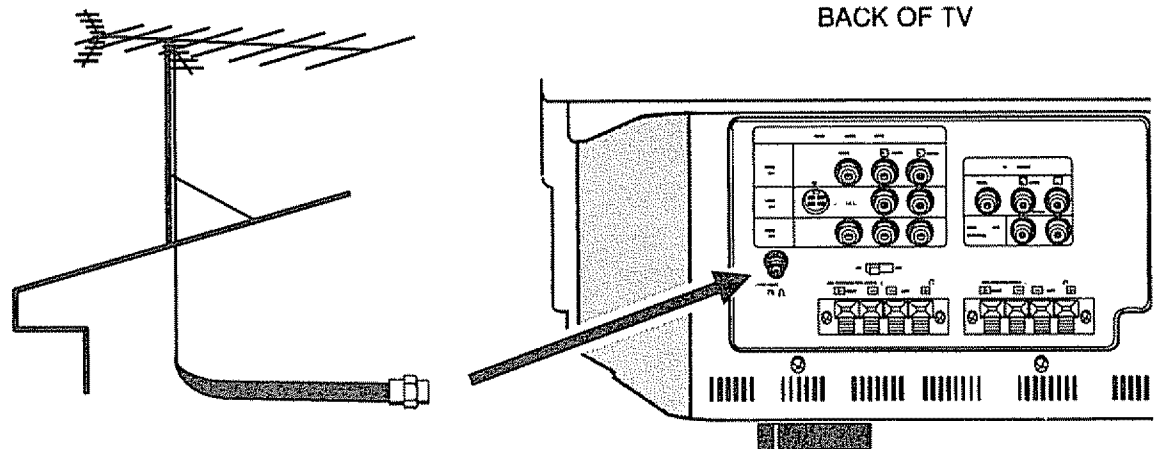
### OUTDOOR ANTENNAS

Outdoor antennas are subject to weathering effects that reduce the signal quality. You should inspect the antenna and lead-in wiring before connecting your TV. Any Sears Store can explain the various outdoor antennas available to you.

**NOTE:** When using the following types of antennas, the *CATV* key should remain in the Normal mode. (The Cable Indicator "C" should not appear next to the channel number.)

*Using a Combination VHF/UHF Antenna with a 75 Ohm Lead-in Cable.*

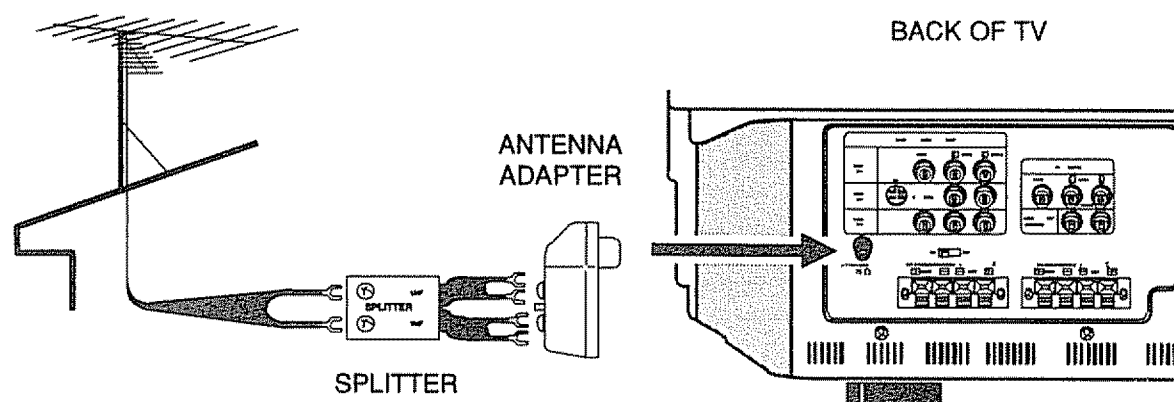
- Connect the lead-in cable directly to the antenna terminal on the back of the TV.



## OUTDOOR ANTENNAS (Continued)

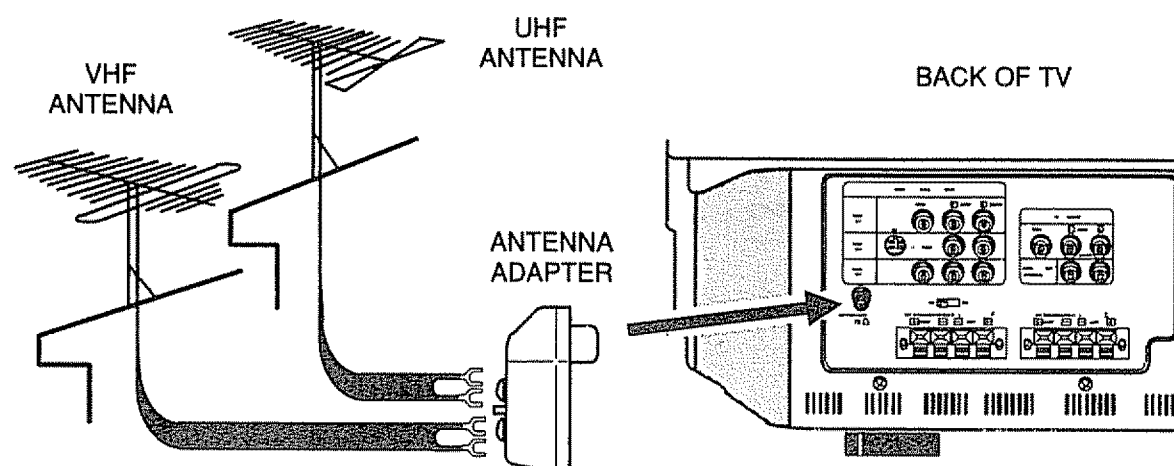
### *Using a Combination VHF/UHF Antenna with a 300 Ohm Twin-lead Wire.*

- Connect the twin-lead wire from the VHF/UHF Combination Antenna to a VHF/UHF signal splitter (not supplied).
- Connect the wire from the splitter marked VHF to the VHF connectors on the supplied Antenna Adapter.
- Connect the wire from the splitter marked UHF to the UHF connectors on the adapter.
- Slide the adapter onto the antenna terminal on the back of the TV.



### *Using Separate VHF and UHF Antennas with 300 Ohm Twin-lead Wire.*

- Connect the twin-lead wire from the VHF antenna to the VHF connectors on the supplied Antenna Adapter.
- Connect the twin-lead wire from the UHF antenna to the UHF connectors on the adapter.
- Slide the adapter onto the antenna terminal on the back of the TV.



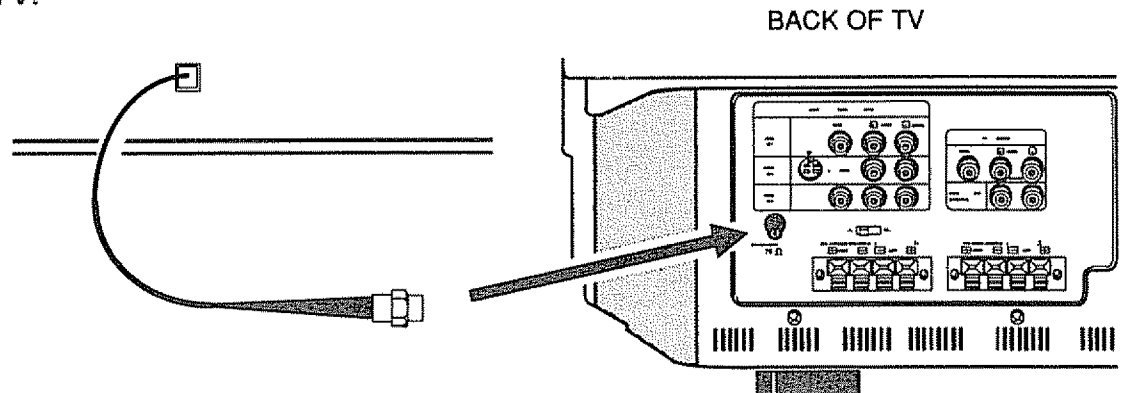
## CABLE TELEVISION (CATV) SYSTEMS

Your TV should tune in most of the cable channels without a converter box. This TV is designed to receive a total of 181 channels. Your local Cable Company can explain the services available to you.

### *CATV Systems that do not require a Converter Box*

When using this type of CATV system, the *CATV* key should be in the *CATV* mode. (The Cable Indicator "C" should appear next to the channel number.)

- Connect the lead-in cable directly to the antenna terminal on the back of the TV.

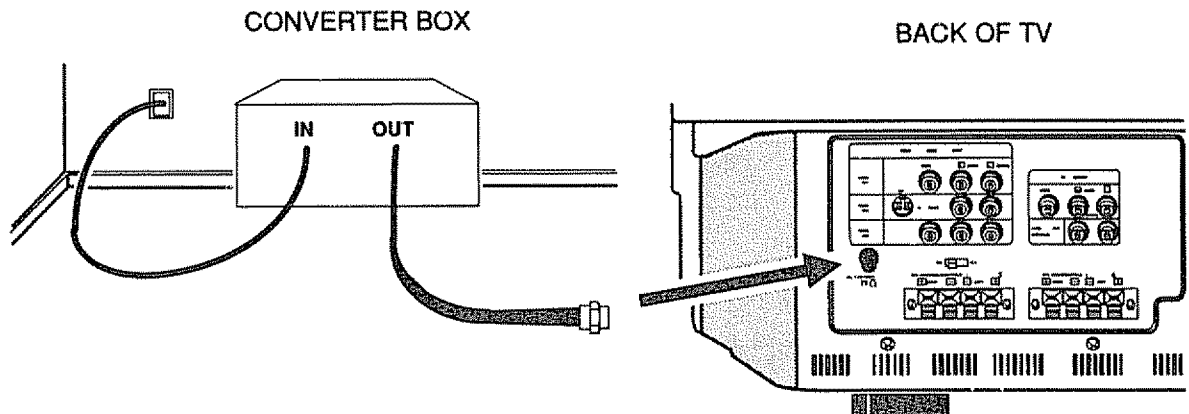


### *CATV Systems that require a Converter Box (not supplied)*

When using this type of CATV system, the *CATV* key should be in the Normal mode. (The Cable Indicator "C" should not appear next to the channel number.)

NOTE: The TV must be tuned to match the output channel selected on the Converter Box (Channel 3 or 4).

- Connect the lead-in cable from the converter box directly to the antenna terminal on the back of the TV.





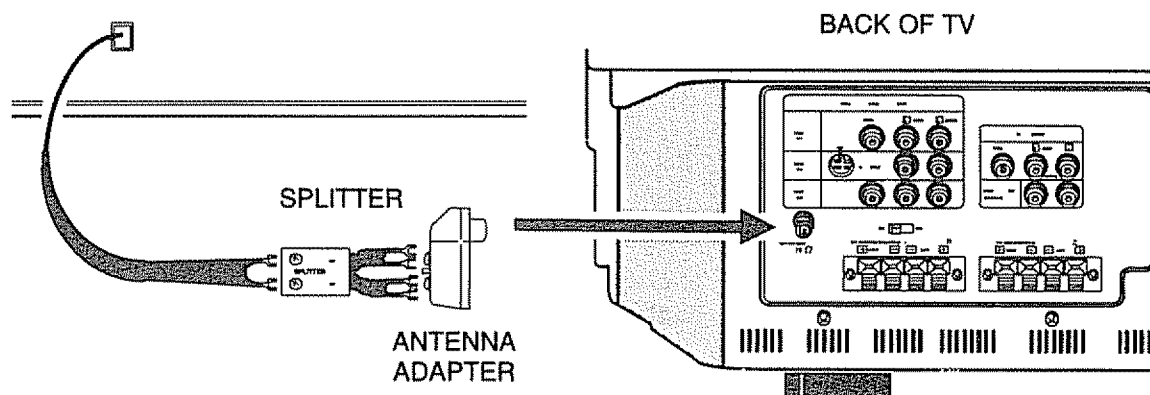
## MASTER ANTENNA SYSTEMS

There are various types of Master Antenna Systems. The most common type uses an outdoor antenna and a wiring network to provide signals throughout the building as needed. You must determine the exact type of system used, the signals available and the wiring connection to properly connect your TV.

NOTE: When using the following systems, the *CATV* key should remain in the Normal mode. (The Cable Indicator "C" should not appear next to the channel number.)

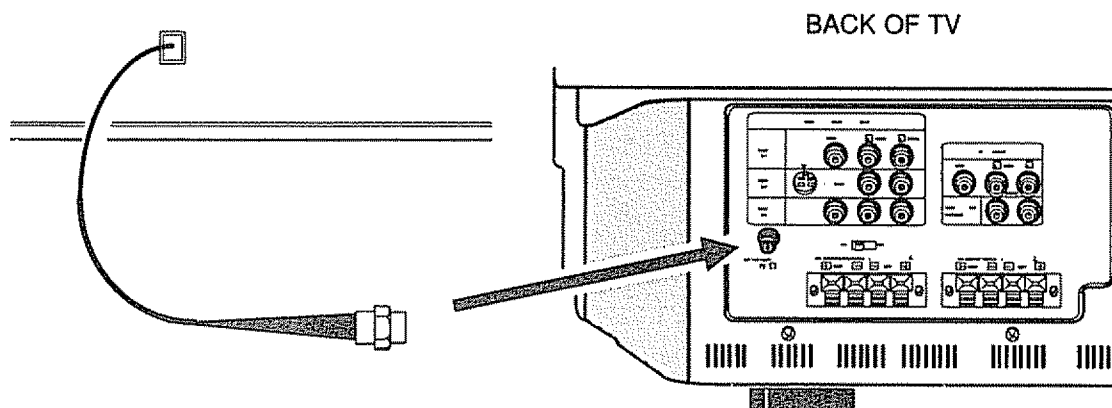
### *Using a UHF/VHF Combination Antenna with a 300 Ohm Twin-lead Wire*

- Connect the twin-lead wire to a VHF/UHF signal splitter (not supplied).
- Connect the wire from the splitter marked VHF to the VHF connectors on the supplied Antenna Adapter.
- Connect the wire from the splitter marked UHF to the UHF connectors on the adapter.
- Slide the adapter onto the antenna terminal on the back of the TV.



### *Using a UHF/VHF Combination Antenna with a 75 Ohm Lead-in Cable.*

- Connect the lead-in cable directly to the antenna terminal on the back of the TV.



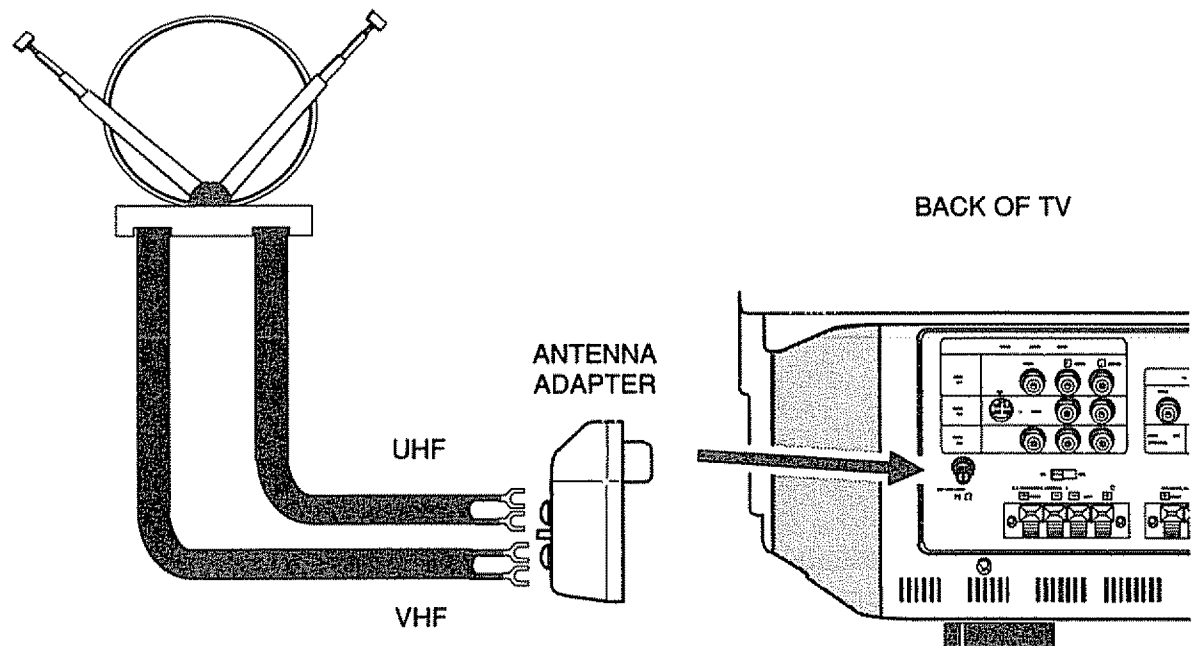
## INDOOR ANTENNAS (not supplied)

These types of antennas may not be adequate in some areas.

NOTE: When using the following types of antennas, the *CATV* key should remain in the Normal mode. (The Cable Indicator "C" should not appear next to the channel number.)

*Using a UHF "Bow-tie" or Loop Antenna and a VHF "Rabbit Ears" or Telescoping Antenna with 300 Ohm Twin-lead Wires.*

- Connect the twin-lead wire from the UHF antenna to the UHF connectors on the supplied Antenna Adapter.
- Connect the twin-lead wire from the VHF antenna to the VHF connectors on the supplied adapter.
- Slide the adapter onto the antenna terminal on the back of the TV.



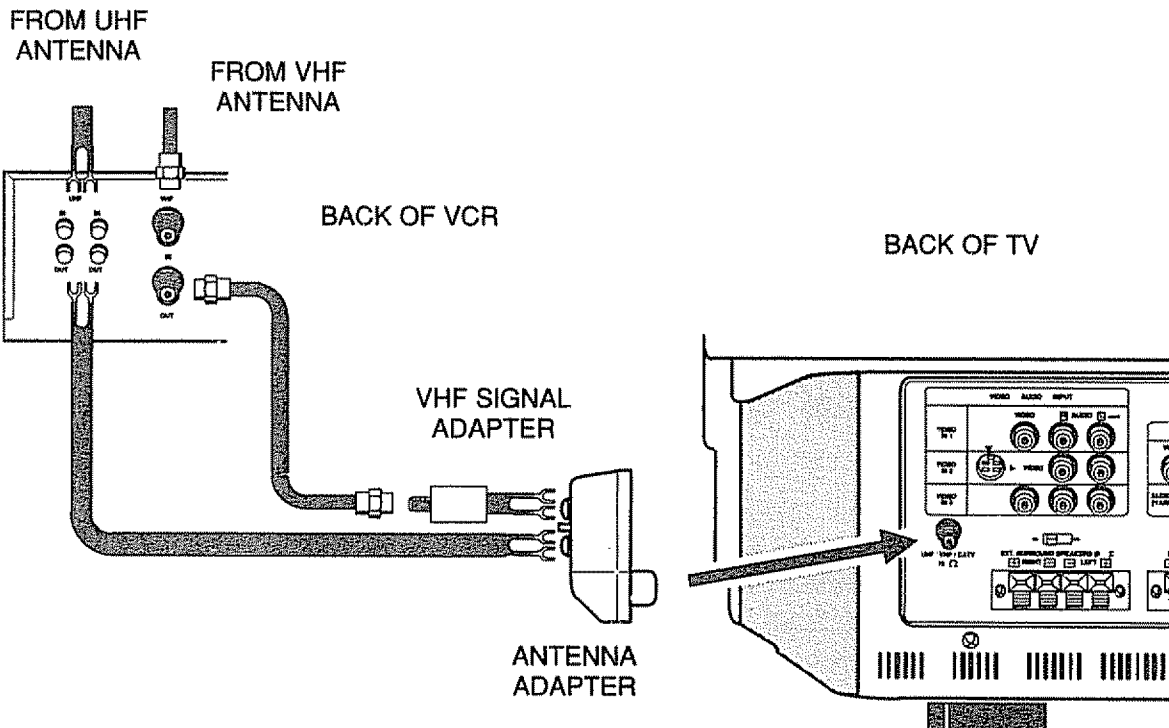
## VCR CONNECTIONS

There are various ways of connecting a VCR to your TV. **For more detailed information refer to your VCR's operating manual.** A preferred method of connecting the VCR to your TV is by using the Video/Audio Input Jacks. (Refer to page 31.)

**NOTE:** When using the following set-up with a VCR, the *CATV* key should remain in the Normal mode. (The Cable Indicator "C" should not appear next to the channel number.) In order to watch the VCR's output signals, the TV must be tuned to match the output channel selected on the VCR (Channel 3 or 4).

*Using the VCR's 300 Ohm UHF and 75 Ohm VHF Output Terminals.*

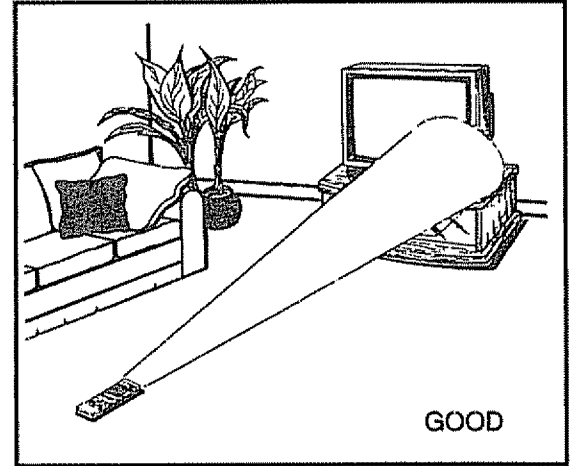
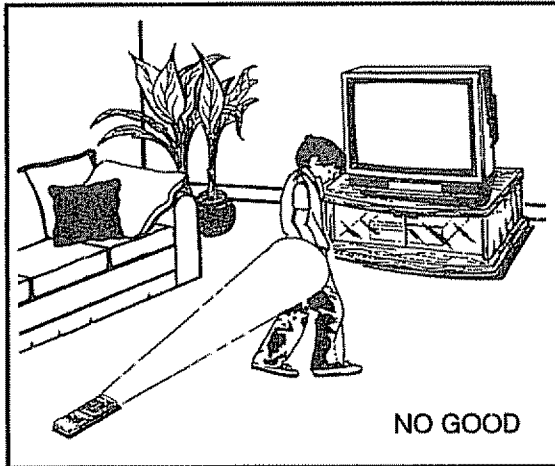
- Connect a twin-lead wire (not supplied) from the 300 Ohm UHF output terminals of the VCR to the UHF connectors on the supplied Antenna Adapter.
- Connect a lead-in cable (not supplied) from the 75 Ohm VHF output terminal of the VCR to a 75 Ohm-300 Ohm VHF signal adapter (not supplied).
- Then connect the signal adapter to the VHF connectors on the supplied Antenna Adapter.
- Slide the adapter onto the antenna terminal on the back of the TV.



**REFER TO HELPFUL HINTS ON PAGES 37 AND 38 IF YOU HAVE PROBLEMS.**

## USING THE REMOTE HAND UNIT

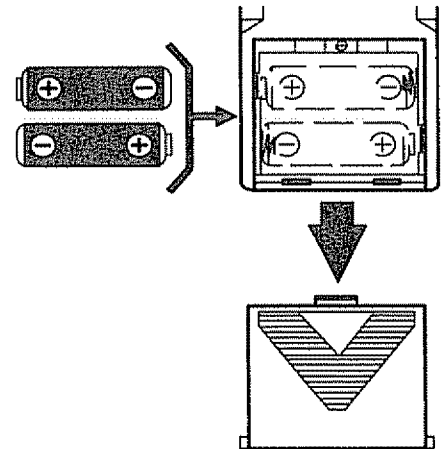
The Remote Hand Unit allows you to control the TV and certain VCR models from as far away as thirty feet. For best operating results, point the front of the hand unit towards the TV. The hand unit sends an invisible light beam (infrared) to the TV. Therefore, any object between the hand unit and the TV could interfere with the remote operation.



## INSTALLING BATTERIES

Two "AA" (penlight size) batteries are supplied to power the hand unit.

- Press the battery cover down and slide it backwards.
- Install the batteries so the "+" and "-" marks on the batteries match the "+" and "-" marks inside the unit. If the batteries are not installed correctly, the hand unit will not operate and damage may result.
- To replace the cover, place it on the hand unit and slide it forward until it locks in place.



**NOTE:** Remove the batteries from the hand unit if it is not going to be used for a month or more. *Discharged batteries may leak and damage the hand unit.* The normal life of batteries is roughly six months. Weak or discharged batteries may be replaced with Sears Diehard "AA" batteries.

## REMOTE HAND UNIT KEYS (TV Controls)

### Power Key

Press once to switch on the TV; press again to switch off the TV.

### Channel Scanning Keys

Press the ▲ or ▼ key to quickly scan through the channels. The ▲ (up) key scans programmed channels larger in numerical value than the channel number displayed, and the ▼ (down) key scans programmed channels smaller in numerical value than the channel number displayed.

### Mute Key

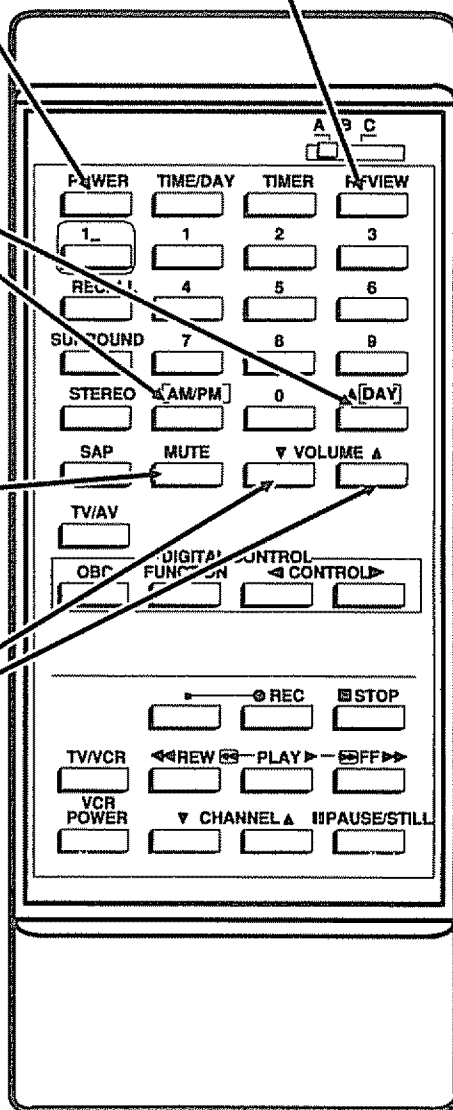
Press once to turn off the volume; press again to restore the volume.

### Volume Keys

Press the ▲ (up) key to increase the volume. Press the ▼ (down) key to decrease the volume.

### Review Key

Provided to alternate between two channels, such as two ballgames or a movie and a ballgame. Select the first channel; then select the next channel using the *Channel Selection* keys. Press this key to alternate between the channels.



# REMOTE HAND UNIT KEYS (TV Controls Continued)

## Channel Selection Keys

Two keys must be pressed to select a channel. For channels numbered between 1 and 9, press 0 first. (For example, to select channel 6: Press 0, then 6.) For channels numbered between 10 and 99, press the keys that correspond to the channel number. The channel number will appear on the screen.

## Time/Day Key

Use this key to set the Time and Day of Week Clock. (Refer to page 26.)

## 1-- Key

Provided to select Cable Channels 100 through 125. Press the 1-- key first, then select the remaining two digits with the *Channel Selection* keys.

## Day Key

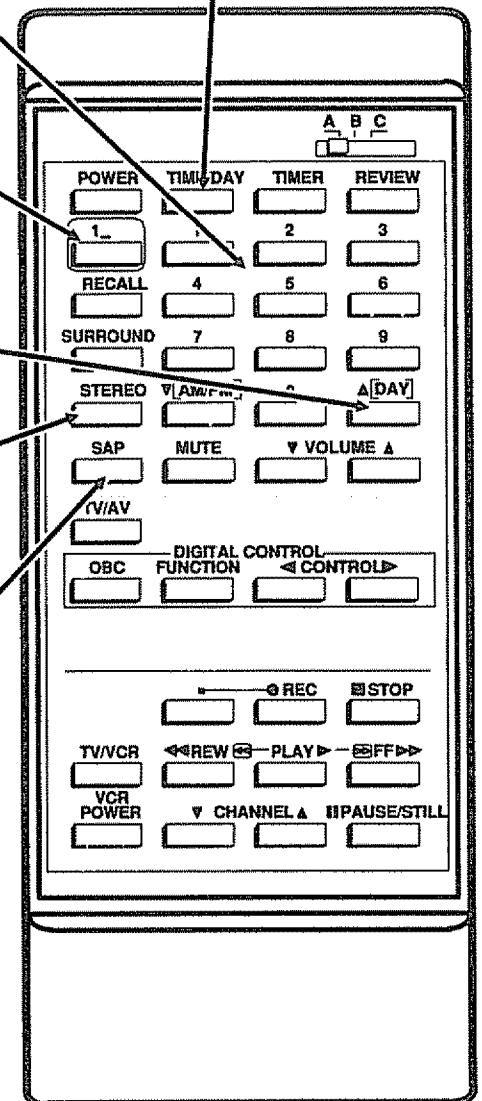
Press this key to select the current day of the week when setting the Clock. (Refer to page 26.)

## Stereo Key

Press to select the desired sound (stereo or monaural). Stereo sound is available only when a stereo signal is being received. (Refer to pages 28 and 29.)

## SAP Key

Press to select the desired audio soundtrack signal (primary or secondary). The secondary sound is available only when a SAP signal is being received. (Refer to pages 28 and 29.)



### Recall Key

Press to recall the Channel Number and Time Displays to the screen.

### Timer Key

Use this key to set the Timer feature to switch on and off the TV automatically at a preset time. (Refer to page 27.)

### Surround Key

This feature creates another dimension for stereo sound, front and rear, as well as right and left. Press this key once to display the volume level, press the key again to activate the feature and enjoy surround sound. The Surround Display will appear on the screen.

### AM/PM Key

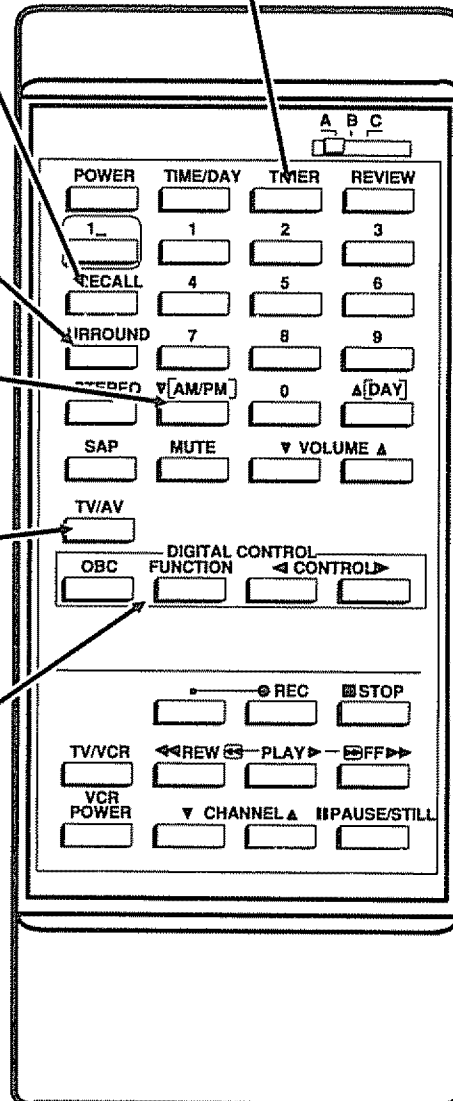
Press this key to select AM or PM when setting the Clock or Timer. (Refer to pages 26 and 27.)

### TV/AV Key

Press to change between program sources: TV, A/V 1, A/V 2 and A/V 3. (Refer to page 31.)

### Digital Control Keys

Use these keys to adjust the color picture and sound quality. (Refer to page 12.)



## REMOTE HAND UNIT KEYS (VCR Controls)

NOTE: For detailed operation of your VCR control keys, refer to your VCR owner's manual.

### VCR Select Switch

The position of this switch depends on the type of VCR you are using. Slide the switch to position "A" and try to operate your VCR using this remote. If the VCR does not operate, select position "B" or "C."

NOTE: There may be some VCR units that this remote will not operate.

### Play Key

Press to play a prerecorded tape.

### TV/VCR Key

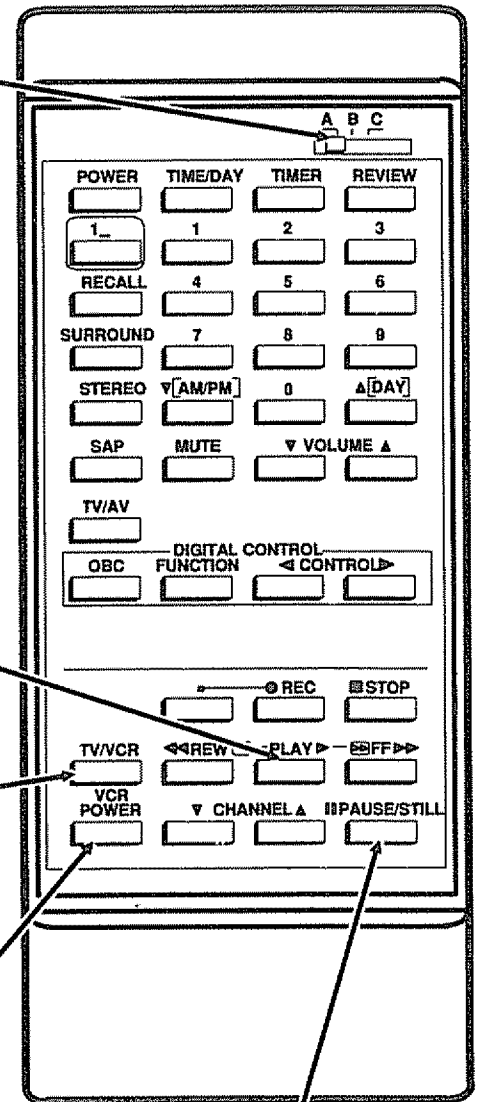
Press to select the program source: TV or VCR

**TV:** To watch TV programs or view one program while recording a different program.

**VCR:** To monitor video recording, or play back prerecorded tapes.

### VCR Power Key

Press once to switch on the VCR; press again to switch off the VCR.



### Pause/Still Key

**Record Mode:** Press this key to pause.

**Play Mode:** Press this key to view a still frame.



### Stop Key

Press to stop the tape.

**NOTE:** When the VCR is in the Record mode, the *Stop* key must be pressed before any other key is pressed, except the *Pause/Still* key.

### Record Keys

Use both of these keys to select the Record mode. Press and hold the Red key, then press the Black *REC* key. Release both keys.

### Rew (Rewind) Key

Press to rewind the tape at high speed.

**Play Mode:** Press this key for fast picture search in reverse (review).

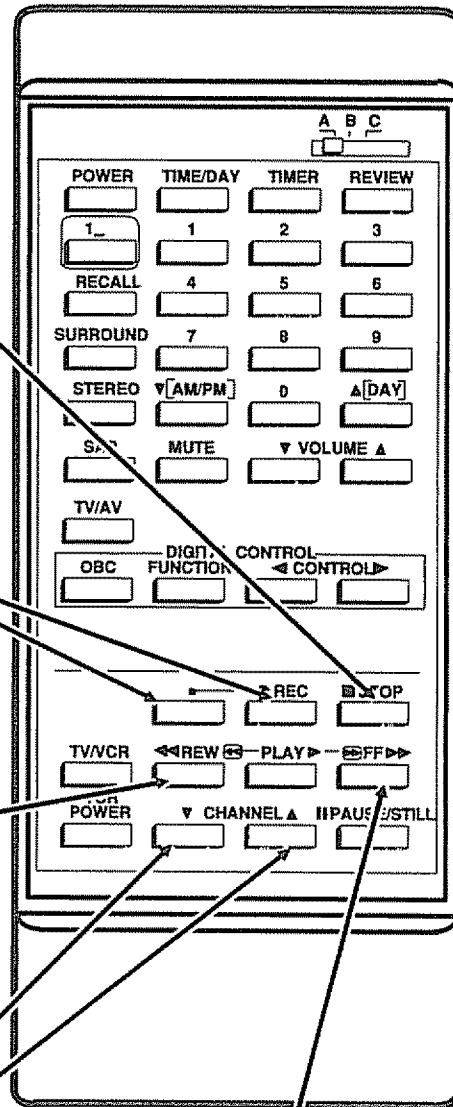
### Channel Scanning Keys

Use these keys to select the channels.

### FF (Fast Forward) Key

Press to advance the tape at high speed.

**Play Mode:** Press this key for fast picture search in forward (cue).



## SETTING THE TIME AND DAY OF WEEK CLOCK

Your TV is designed to display the time of day and the day of week. Use the Remote Hand Unit to set the clock:

- Press the *Time/Day* key. The Clock Display will appear on the screen.
- Press the *AM/PM* (Channel Scan ▼ ) key to select am or pm. (PM12:00 stands for noon.)
- Use the *Channel Selection* keys to set the current time. Four numerical keys must be pressed. To set the clock for the hours between 1 and 9, press 0 first. (For example, to select 9:45, press 0, 9, 4 and 5.)
- Press the *Time/Day* key to start the clock.
- Press the *Day* (Channel Scan ▲ ) key to select the current day of the week. The on-screen display will change as the key is pressed (SUN▶MON▶TUE▶WED▶THU▶FRI▶SAT).
- Press the *Time/Day* key. The Channel Number, Time and Day Displays will appear on the screen for 5 seconds.

TIME	AM	--:--
DAY	SUN	

DAY	MON
PRS	TIME/DAY KEY

	C 05
MON	9:45

NOTE: If a power interruption or power failure occurs the Clock feature will be cleared and must be reset.

## SETTING THE OFF-TIMER/ON-TIMER FEATURE

The Timer feature allows you to switch on or off the TV automatically at a preset time of day (the Clock must be correctly set). Use the Remote Hand Unit to set the Timer:

- Press the *Timer* key. The Off-Timer Display will appear on the screen.

TIME	PM	03:50
OFF	AM	--:--

- Press the *AM/PM* (Channel Scan ▼) key to select am or pm.

TIME	PM	03:53
OFF	PM	08:30
PRS	TIMER	KEY

- Use the *Channel Selection* keys to set the desired time to switch off the TV. Four numerical keys must be pressed. (To select 8:30, press 0, 8, 3 and 0.)

- Press the *Timer* key to activate the Off-Timer feature. The On-Timer Display will appear on the screen.

TIME	PM	03:55
ON	AM	--:--

- Press the *AM/PM* (Channel Scan ▼) key to select am or pm.

TIME	PM	03:57
ON	AM	06:15
PRS	TIMER	KEY

- Use the *Channel Selection* keys to set the desired time to switch on the TV. Four numerical keys must be pressed. (To select 6:15, press 0, 6, 1 and 5.)

- Press the *Timer* key to activate the On-Timer feature. The On-Timer Indicator will be lit. The Channel Number, Time and Day Displays will appear on the screen (note the Off Timer Indicator).

OFF-TIMER INDICATOR

MON	T M	05
		4:03

### NOTES:

To clear the On-Timer or Off-Timer feature, enter 00:00 as the desired time.

To avoid setting either the Off-Timer or the On-Timer feature, continue pressing the Timer key to skip the operation.

The On-Timer feature remains set until there is a power interruption. If you do not want the TV to automatically switch on each day, clear the On-Timer feature.

For safety, the TV will switch off automatically after 3 hours if the TV was switched on using the On-Timer feature and none of the operating keys are pressed.

# SOUND SYSTEM FEATURES

## MULTI-CHANNEL TELEVISION SOUND (MTS)

The stations available in your area may broadcast MTS signals. MTS signals are television programs broadcasted with stereo sound or SAP (bilingual) sound. Your TV is designed to receive both stereo broadcasts and SAP broadcasts. If an MTS signal is being received, the MTS Display will appear on the screen for five seconds. The words displayed in red indicate which type of signals are being received. The yellow arrow indicates the selected signal.

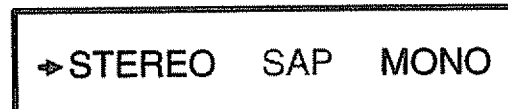
NOTE: A Stereo signal may be indicated, but some stations or Cable Companies may not broadcast a true and complete MTS stereo signal.

An MTS Stereo VCR is required in order to record stereo or SAP broadcasts, when the antenna is connected to the VCR's RF input (ant. in). To play back previously recorded MTS stereo programs in stereo, the VCR must be connected to the TV using the Audio/Video Input Jacks. (Refer to page 31 and your VCR's operating manual.)

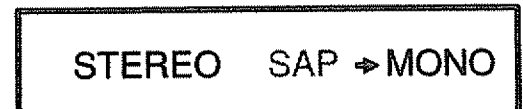
## STEREO SOUND

Whenever a stereo broadcast is received, press the *Stereo* key to select either STEREO or MONO (monaural) sound. You may adjust the stereo sound with the *Volume* keys and the digital *Bass*, *Treble* and *Balance* controls. Under weak stereo signal conditions, you may receive better quality sound in the "Mono" position.

NOTE: If a power failure occurs, the stereo feature will automatically return to the "Stereo" position.



STEREO  
INDICATOR DISPLAY



MONO  
INDICATOR DISPLAY

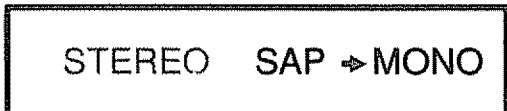
## BILINGUAL SOUND (SAP/SECONDARY AUDIO PROGRAMS)

The stations available in your area may broadcast SAP signals. SAP signals are television programs broadcasted with two audio (primary/secondary) soundtracks. The primary soundtrack will match the picture on the screen. The secondary soundtrack may be:

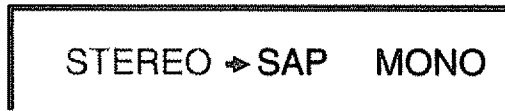
- a) a second language
- b) a soundtrack that matches the picture
- c) a soundtrack that does not match the picture.

Whenever a SAP signal is received, press the *SAP* key to select either the primary or secondary soundtrack.

NOTE: If a power failure occurs, the bilingual feature will automatically return to the primary position.



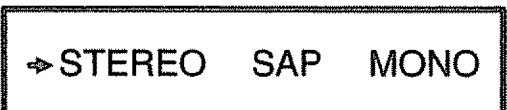
SAP PRIMARY  
INDICATOR DISPLAY



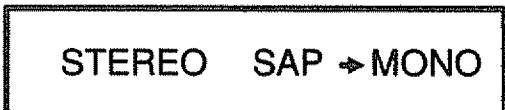
SAP SECONDARY  
INDICATOR DISPLAY

## STEREO AND SAP BROADCASTS

Whenever a station is broadcasting both stereo and SAP signals, the TV will automatically switch to "Mono" if you select the secondary soundtrack. The secondary soundtrack and stereo sound cannot be received at the same time.



STEREO AND  
SAP PRIMARY DISPLAY



MONO AND  
SAP PRIMARY DISPLAY



MONO AND  
SAP SECONDARY DISPLAY

# REAR CONTROL PANEL

## TV Output Jacks

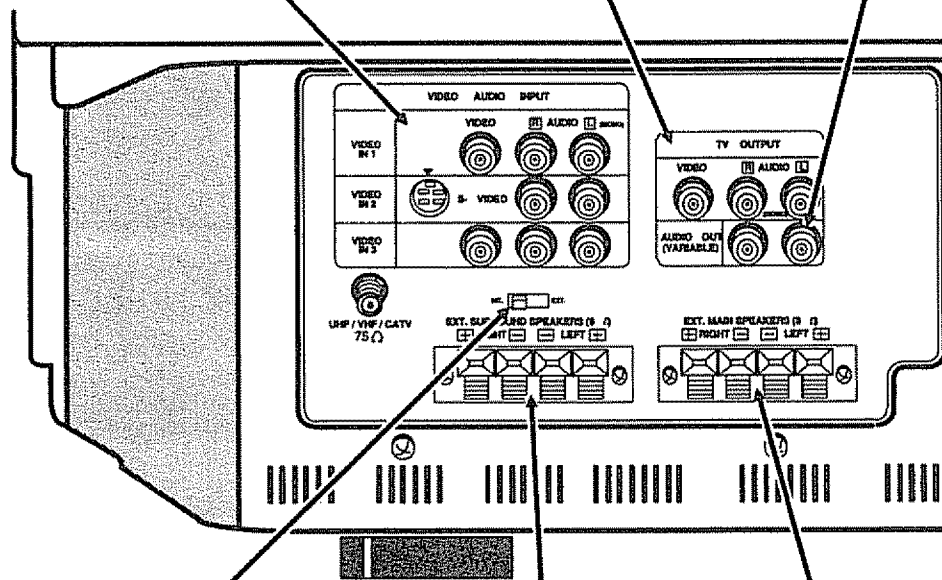
Use these jacks to directly connect your TV to external monitoring or recording equipment. (Refer to page 32.)

## Video Audio Input Jacks

Use these jacks to directly connect external video equipment to your TV. (Refer to page 31.)

## Audio Output Jacks

Use these jacks to directly connect your TV to an external audio amplifier or stereo equipment. (Refer to page 33.)



## Surround Speakers Switch

Set to "INT" position to use the TV's surround speakers. Set to "EXT" position when you have external speakers connected to the Surround Speaker Jacks. (Refer to page 34.)

## External Speaker Terminals

Use these terminals to directly connect your TV to external speakers. (Refer to page 35.)

## Surround Speaker Jacks

Use these jacks to directly connect external speakers to enhance the surround sound features. (Refer to page 34.)

## VIDEO/AUDIO CONNECTIONS

New concepts of home entertainment equipment have developed a need for additional features. This TV can select external input signals, while outputting signals to other equipment. These Video/Audio jacks are designed to enhance the connection between your TV and the external equipment.

### VIDEO/AUDIO INPUT JACKS

The TV is equipped with two parallel linked sets of Video In 1 Input jacks (located on the front panel and back panel). Use either the front set or the back set for A/V 1 input. Connect your external equipment (video tape recorder, video disc player, 8mm Camcorder, video camera, etc.), to the input jacks as follows:

#### Video In 1 and Video In 3 Video Input Jack

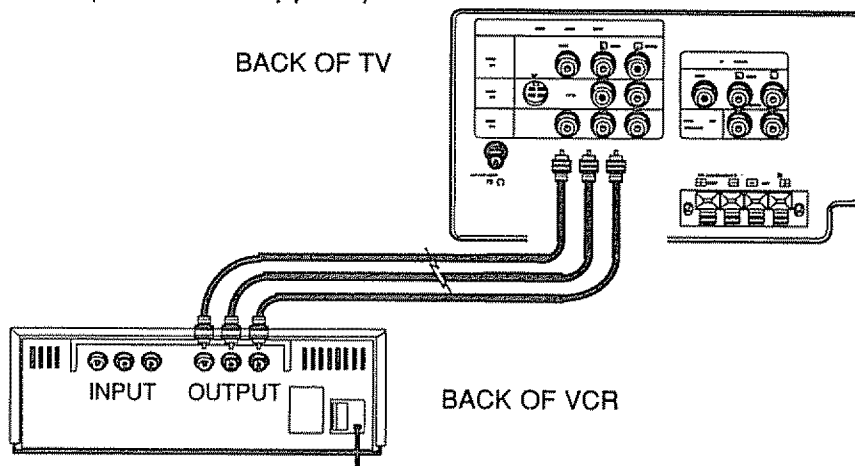
- ▶ Connect the video output of the external equipment to the video input jack on the TV (cable not supplied).

#### Video In 2 S-Video Input Jack

- ▶ Connect the separated Y/C video output of the external equipment (S-VHS VCR, etc.) to the A/V 2 S-Video (separated Y/C video) input jack on the TV (cable not supplied).

#### Audio Input Jacks

- ▶ Stereo equipment: Connect the left output to the left (L) input jack on the TV and the right output to the right (R) input on the TV (cables not supplied).
- ▶ Monaural equipment (single audio jack): Connect the audio output to the left (L) input jack on the TV, in order to receive sound through both the right and left speakers (cable not supplied).



### SELECTING THE VIDEO/AUDIO SIGNALS

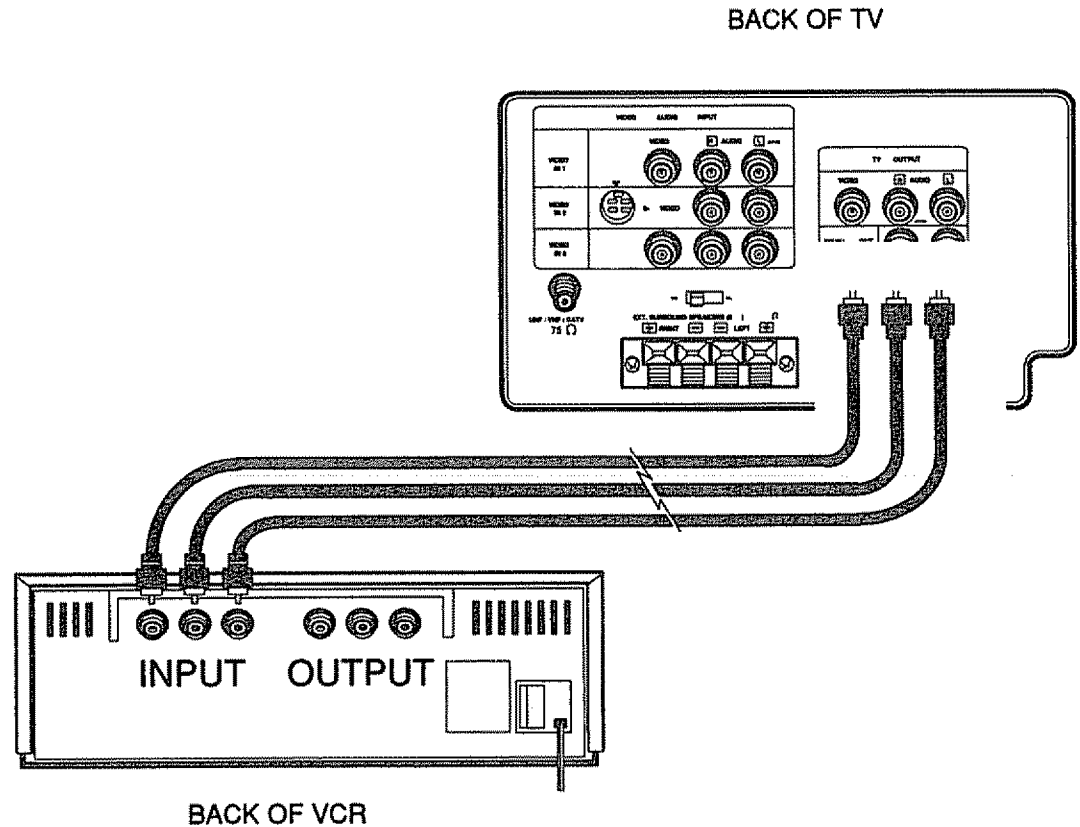
After connecting your external equipment to the input jacks on the TV, press and release the TV/AV key to select the program source (TV, A/V 1, A/V 2 or A/V 3).

## TV OUTPUT JACKS

These jacks will contain the video and audio information of the channel that the television tuner is set to, regardless of the selected program source being viewed on the screen (TV, A/V 1, A/V 2 or A/V 3).

Connect your external equipment to the output jacks as follows:

- Connect the video output of the TV to the video input jack on the external equipment (cable not supplied).
- Stereo equipment: Connect the left (L) output of the TV to the left input jack on the external equipment and the right (R) output of the TV to the right input on the external equipment (cables not supplied).
- Monaural equipment (single audio jack): Connect the (L) mono output of the TV to the audio input jack on the external equipment (cable not supplied).





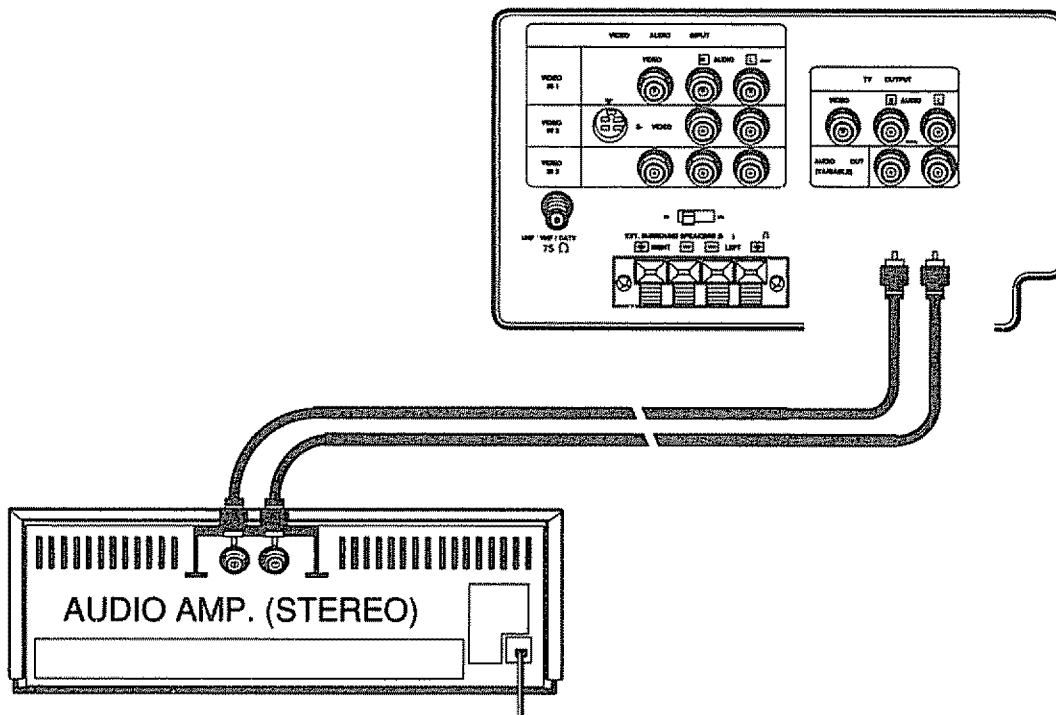
## VARIABLE AUDIO OUTPUT JACKS

These jacks will contain the audio information of the program that is being viewed on the screen. In other words, if you have selected program source "A/V 1," the audio signal connected to the A/V 1 Audio Input jacks will be available at the Audio Output Jacks. The *Volume* keys will control the external audio level.

Connect your external audio equipment (amplifier, stereo system, etc.) to the output jacks as follows:

- Connect the left (L) output of the TV to the left input jack on the external equipment and the right (R) output of the TV to the right input on the external equipment (cables not supplied).
- Slide the *Speakers* switch (located in the Hideaway Controls Compartment) to the "EXT" position and the sound to the TV speakers will be cut off. **Do not change the position of this switch while your TV is set at a high volume.**
- Use the *Volume* keys to adjust the sound level of the external equipment.

BACK OF TV



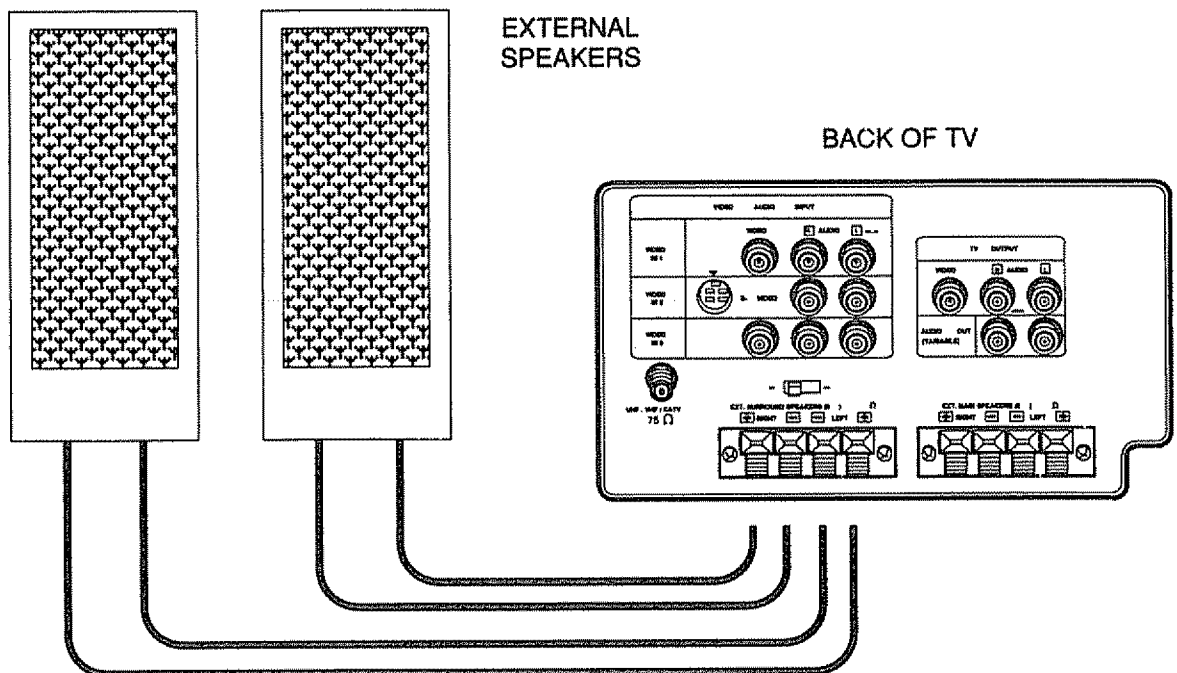
## SURROUND SOUND SPEAKER JACKS

Your TV has a set of internal surround sound speakers that allow you to enjoy the surround sound features. If you wish to enhance the effect and further enjoy the surround sound you may connect your TV directly to external speakers (such as Sears Stock Number 42301). The Surround Jacks are provided for this purpose. Use the *Surround* key and *Surround Effect* control to obtain the desired sound.

When connecting any external speakers to the Surround Jacks on the TV, connect the speaker wires as follows:

- Strip off three-eighths inch of insulation from speaker wires.
- Connect both right speaker wires to the jacks marked "right," by pressing down on the tabs and inserting the wires. Release the tabs to secure the speaker wires.
- Connect both left speaker wires to the jacks marked "left," by pressing down on the tabs and inserting the wires. Release the tabs to secure the speaker wires.

NOTE: The jacks are identified as "+" and "-" for proper phasing connections. Improper phasing will not damage the TV or external speakers, but may effect the sound quality.



## SELECTING THE EXTERNAL SURROUND SPEAKERS

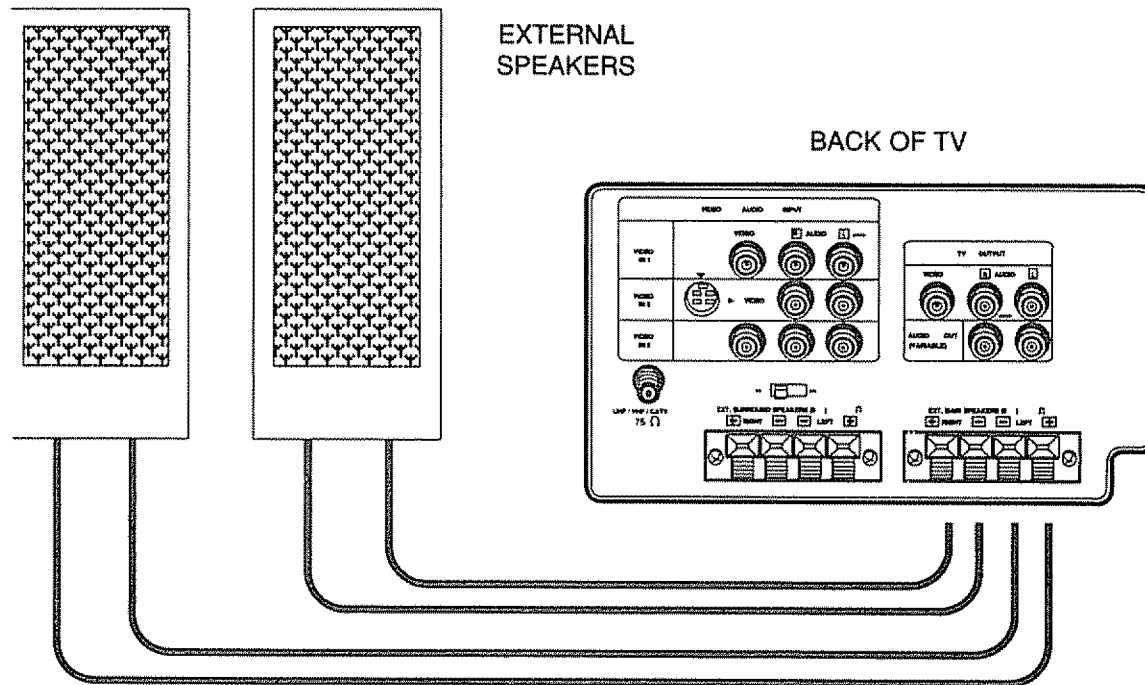
Slide the *Surround Speakers* switch (located on the back of the TV) to the "EXT" position.

## EXTERNAL SPEAKER TERMINALS

You may connect your TV directly to external speakers (such as Sears Stock Number 42301). Connect the external speaker wires to the TV as follows:

- Strip off three-eighths inch of insulation from speaker wires.
- Connect both right speaker wires to the terminals marked "right," by pressing down on the tabs and inserting the wires. Release the tabs to secure the speaker wires.
- Connect both left speaker wires to the terminals marked "left," by pressing down on the tabs and inserting the wires. Release the tabs to secure the speaker wires.

NOTE: The terminals are identified as "+" and "-" for proper phasing connections. Improper phasing will not damage the TV or external speakers, but may effect the sound quality.



## SELECTING THE EXTERNAL SPEAKERS

Slide the *Speaker* switch (located in the Hideaway Control Compartment) to the 'EXT' position. **Do not change the position of this switch while your TV is set at a high volume.**

## SPECIFICATIONS

Your external equipment should have the following specifications to properly match the TV:

NOTE: These are typical, common values for most A/V equipment.

*When using the Video/Audio Input jacks on the TV*

Video ..... 1 Vp-p negative sync, 75 ohm

Audio ..... 400 mV rms, less than 1 k ohm

*When using the TV Output jacks on the TV*

Video ..... 1 Vp-p negative sync, 75 ohm

Audio ..... 400 mV rms, more than 10k ohm

*When using the Variable Audio Output jacks on the TV*

Audio ..... 1 V rms Maximum, Variable with Volume keys, more than 10k ohm

*When using the Surround Jacks on the TV*

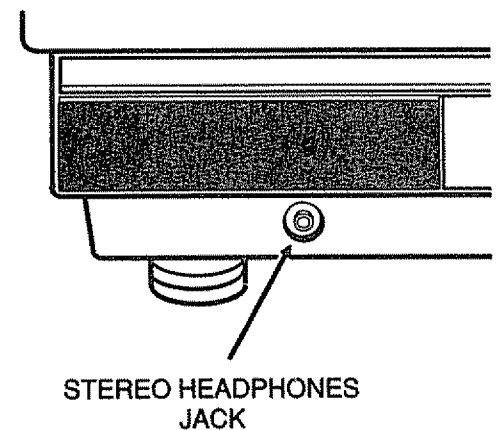
Speakers should have an impedance of 8 ohms and a power rating of 5 watts or more.

*When using the External Speaker Terminals on the TV*

Speakers should have an impedance of 8 ohms and a power rating of 5 watts or more.

## STEREO HEADPHONES JACK

The Stereo Headphones Jack (located at the front lower left corner of the TV) allows you to listen to the television without disturbing others. Simply insert the plug of your stereo headphones (not supplied) into the jack. This disconnects the sound from the TV main speakers. The jack is designed for listening to stereo sound.



## HELPFUL HINTS - Problems/Solutions

BEFORE CALLING SEARS SERVICE CHECK THE FOLLOWING CHART.

Problem:	Check these Conditions:	Try these Solutions:
TV turns off automatically.	<ul style="list-style-type: none"> <li>• TV will automatically switch off. (Refer to pages 13 and 27.)</li> <li>• Power surge protection feature.</li> </ul>	<ul style="list-style-type: none"> <li>• Press <i>Power</i> key.</li> <li>• Unplug TV momentarily.</li> </ul>
No picture, no sound.	<ul style="list-style-type: none"> <li>• Check if TV and auxiliary equipment are plugged in.</li> <li>• Check antenna connections.</li> </ul>	<ul style="list-style-type: none"> <li>• Press <i>Power</i> key.</li> <li>• Press <i>TV/AV</i> key.</li> <li>• Try a different channel.</li> <li>• Reorient antenna(s).</li> </ul>
No Sound.	<ul style="list-style-type: none"> <li>• May be station trouble.</li> <li>• Check video/audio connections.</li> <li>• Check <i>Speakers</i> switch. (Refer to page 8.)</li> </ul>	<ul style="list-style-type: none"> <li>• Press <i>Mute</i> key.</li> <li>• Slide <i>Speakers</i> switch to the "INT" position.</li> </ul>
Picture OK, poor sound.	<ul style="list-style-type: none"> <li>• May be station trouble.</li> <li>• Possible signal interference from a household appliance.</li> </ul>	<ul style="list-style-type: none"> <li>• Adjust Volume.</li> <li>• Press <i>SAP</i> key.</li> </ul>
No Sound from External Surround Speakers.	<ul style="list-style-type: none"> <li>• Check <i>Surround Speakers</i> switch. (Refer to page 34.)</li> </ul>	<ul style="list-style-type: none"> <li>• Slide the <i>Surround Speakers</i> switch to the "EXT" position.</li> </ul>
Sound OK, Poor picture, Blurred picture, Double image, Lines in picture, Distorted picture.	<ul style="list-style-type: none"> <li>• Check antenna connections.</li> <li>• May be station trouble.</li> <li>• Possible signal interference from a household appliance.</li> </ul>	<ul style="list-style-type: none"> <li>• Try a different channel.</li> <li>• Reorient antenna(s).</li> <li>• Adjust Brightness.</li> <li>• Adjust Contrast.</li> <li>• Adjust Sharpness.</li> </ul>
Horizontal bars.	<ul style="list-style-type: none"> <li>• May be station trouble.</li> </ul>	<ul style="list-style-type: none"> <li>• Try a different channel.</li> </ul>

## HELPFUL HINTS - Problems/Solutions

BEFORE CALLING SEARS SERVICE CHECK THE FOLLOWING CHART.

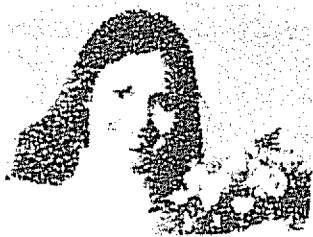
Problem:	Check these Conditions:	Try these Solutions:
Cannot select or scan some channels.	<ul style="list-style-type: none"> <li>• Check antenna connections.</li> <li>• May be station trouble.</li> <li>• Channel may be deleted from memory.</li> </ul>	<ul style="list-style-type: none"> <li>• Press and hold <i>Auto/Add</i> key for three seconds.</li> </ul>
Poor color or no color.	<ul style="list-style-type: none"> <li>• Check if program is in color.</li> <li>• Check antenna connections.</li> <li>• May be station trouble.</li> <li>• Possible signal interference from a household appliance.</li> </ul>	<ul style="list-style-type: none"> <li>• Try a different channel.</li> <li>• Reorient antenna(s).</li> <li>• Press <i>OBC</i> key.</li> <li>• Adjust Brightness.</li> <li>• Adjust Contrast.</li> <li>• Adjust Color.</li> <li>• Adjust Tint.</li> </ul>
No UHF, VHF OK.	<ul style="list-style-type: none"> <li>• Cable Channel Indicator "C" should not appear next to channel number.</li> </ul>	<ul style="list-style-type: none"> <li>• Press <i>CATV</i> key.</li> <li>• Reorient antenna(s).</li> </ul>
No TV stereo sound.	<ul style="list-style-type: none"> <li>• Check if station is broadcasting a true MTS stereo signal.</li> </ul>	<ul style="list-style-type: none"> <li>• Press <i>Stereo</i> key.</li> </ul>
No second language	<ul style="list-style-type: none"> <li>• Check if station is broadcasting a SAP signal.</li> </ul>	<ul style="list-style-type: none"> <li>• Press <i>SAP</i> key.</li> </ul>
Remote Hand Unit will not work.	<ul style="list-style-type: none"> <li>• Check if TV set and VCR are plugged in.</li> </ul>	<ul style="list-style-type: none"> <li>• Point hand unit towards TV.</li> <li>• Check batteries.</li> </ul>

## PROBLEMS WITH RECEPTION

Antenna systems that are not suited for the area where you live can cause reception problems. The antenna must be pointed in the best direction for the station you are watching.

NOTE: If you are using a Cable TV system, contact your local Cable Company.

### SNOW



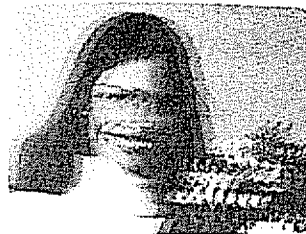
A weak signal or a poor antenna can cause a weak picture or "Snow."

### INTERFERENCE



Household appliances, auto ignitions, CB radios, etc. can cause "Interference."  
Interference of this type is normally temporary.

### GHOSTS



Signals reflected off mountains or high buildings can cause "Ghosts."

## CARE AND MAINTENANCE

**WARNING:** High voltages are used in TVs. Do not remove the cabinet back from your set. Unplug the power cord before cleaning the TV.

**WARNING:** When using computers or video games with this television, do not use too much brightness and/or contrast. Too much brightness or contrast used for a long time may permanently put an image on the picture tube.

If you do have problems with your TV you can often correct them yourself. If your TV is not working properly, locate the operating Problem in the HELPFUL HINTS. To correct them, try the Solutions.

To obtain service, simply return the TV to the nearest Sears Service Center/Department in the United States.

Periodically, you should clean the screen and trim with a soft cloth dampened with warm water and a mild detergent. The cabinet should be cleaned and polished regularly with a quality furniture polish to preserve the appearance and finish of the cabinet.

# SEARS

## OWNER'S MANUAL

MODEL NO.  
564.42977950  
SERIES

WHEN ORDERING  
REPAIR PARTS,  
ALWAYS GIVE THE  
FOLLOWING  
INFORMATION:

1. NAME OF ITEM  
Sears Color Television  
Receiver
2. MODEL NUMBER
3. PART DESCRIPTION

# SEARS 31" TABLETOP COLOR TELEVISION WITH STEREO SOUND AND REMOTE CONTROL

Your Sears Television has added value when you consider that Sears has service units nationwide staffed with Sears trained technicians — professional technicians specifically trained on Sears home entertainment products, having the parts, tools and equipment to ensure that we meet our pledge to you — "We Service What We Sell."

Should a need ever exist for repair parts or service, simply contact any Sears Service Center/Department.

### Warranty

#### FULL TWO YEARS WARRANTY

For two years from the date of purchase, Sears will repair this television, free of charge, if defective in material or workmanship.

**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.

Sears, Roebuck and Co., Dept. 731CR-W,  
Sears Tower, Chicago, IL 60684

Sears, Roebuck and Co., Chicago, IL 60684 U.S.A.