SEARS
OWNER'S
MANUAL

MODEL NO. 580. 41068390 SERIES

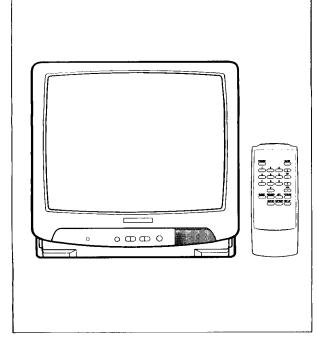


Read this booklet so you will be able to enjoy all the features in your television.

Record in the space provided below the Model No. and the Serial No. as found on the label on the back of your television.

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

Retain this information for future reference.



# 19" TABLETOP COLOR TELEVISION WITH REMOTE CONTROL

Safety Information use
Warranty and Service

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Your new relevision was manufactured and assembled under a strict quality control system.

We thank you for purchasing our product for enjoyment in your leisure time.

Before operating this television, please read this owner's manual carefully so that you can enjoy all the features of this television.

Reading the manual will help you obtain maximum performance and assure hours of trouble free viewing.

#### UNPACKING

Carefully remove your television from the packing material and identify the following accessories.













OWNER'S MANUAL

SAFETY TIPS

REMOTE CONTROL

BATTERIES

ANT ADAPTER

ROD ANTENNA



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

#### CAUTION

RISK OF ELECTRIC SHOCK
DO NOT OPEN

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK).

NO USER-SERVICEABLE PARTS INSIDE.

REFER SERVICING TO QUALIFIED SERVICE PER-SONNEL.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.

Caution: The user that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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

READ AND RETAIN this owner's manual and the safety tips pamphlet included with this television.

# CABLE COMPATIBLE

Cable reception is only available to customers subscribing to cable service. Cable-compatible models will tune in most nonscrambled cable channels without the need for an external converter box. Scrambled pay-TV services may require an additional descrambling box. Check with your local cable company for compatibility and any additional requirements.

# **UNPACKING AND POSITIONING**

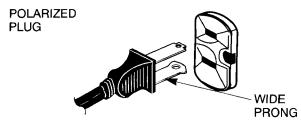
- Carefully remove the television from its shipping carton and save the carton until you
  are sure that the television has not been damaged. Report any damage to the store
  from which it was purchased.
- In addition to the television and owner's manual, you should find the following items in the shipping carton:
  - · Safety Tips Pamphlet
  - Antenna Adapter

- Remote Control Transmitter
- Rod Antenna
- Position your television where direct light from lamps or windows does not fall on the screen. Soft, indirect room lighting is best. Viewing in a room that is too bright or too dark can cause eye strain. A comfortable viewing distance, usually six feet or more, is recommended.
- Do not place your television too close to the wall or in a confined area. The electronic
  parts need normal air circulation for reliable long life.

# **CONNECTING THE POWER**

Plug the power cord into a convenient wall outlet that has 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 a standard electrical outlet. If the plug will not fit into the outlet, try turning it around. If the plug will not fit either way, the outlet is probably old and nonstandard. In that event, a new outlet should be installed by a qualified electrician.

Do not defeat the safety feature of the plug.



# **ANTENNA CONNECTIONS**

The best possible picture on this television receiver depends to a great degree upon an antenna that delivers the signal to your TV. The properly installed outdoor TV antenna assures you of the best possible picture in your reception area.

Your local Sears store can inform you of the best outdoor antenna for your area. If you intend to use a previously installed outdoor antenna, Sears strongly urges that you either inspect your antenna or have it inspected for the weathering effects of wind, snow, ice and corrosion that greatly reduce the efficiency of the antenna and lead in cable.

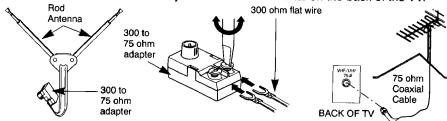
#### INDOOR ANTENNA

- 1. Insert the Rod antenna into the hole located on the upper side of the set. Connect the 300 ohm flat wire to the 300 to 75 ohm antenna adaptor.
- 2. Connect the 300 to 75 ohm adaptor to the antenna terminal.

#### **OUTDOOR ANTENNA CONNECTION**

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.



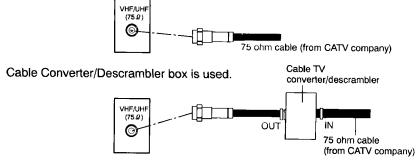
The 300 to 75 ohm antenna adapter is provided, as an accessory, when you purchase this  $\mathsf{TV}$  set.

#### CABLE TV (CATV) CONNECTION

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. Consult your local cable TV company for additional information.

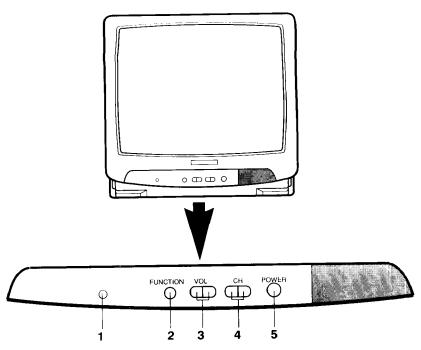
When using the cable TV system, select the CABLE mode by using the FUNCTION or SET-UP button and VOLUME +(up)/-(down) buttons.

Cable Converter/Descrambler box is not used.



# LOCATION OF CONTROLS

You can use either the front panel or Remote Control to operate the TV. Shown here are the front panel controls.



- REMOTE CONTROL SENSOR To operate the remote control, point its front window at the TV's remote control sensor.
- FUNCTION Use this button to select the SET-UP menus and PICTURE modes.

If you press the button, SET-UP and PICTURE appear on the screen. Select the SET-UP or PICTURE by pressing the FUNCTION button and adjust the selected mode by pressing the VOLUME + or - button.

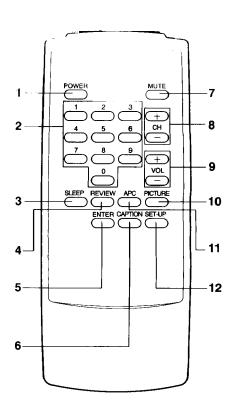
The FUNCTION button will be described in detail later in this manual.

- VOL +/- : Press the VOL + button to increase volume, and the VOL - button to lower the volume.
  - These buttons can be used to enter or adjust the desired menu.
- 4. CH +/- : Press the CH + button to scan up through memorized channels, and the CH - button to scan down through memorized channels.

NOTE: CH +/- will not work properly, unless the set has been Auto Programmed. (See page 11)

POWER - Press this button to turn on or off the TV.

# REMOTE CONTROL LAYOUT

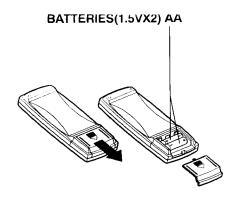


- POWER Press this button to turn on or off the TV. (See Pg. 9)
- 2. CHANNEL SELECTION BUTTONS -Use these buttons to select the desired channel directly. (See Pq. 9)

- SLEEP Use this button to set the sleep timer. (See Pg. 16~17)
- REVIEW Press this button to view the previously watched channel. (See Pg. 10)
- ENTER When the desired menu is adjusted, use this button to enter the desired menu.
- CAPTION Use this button to enjoy the CAPTION or TEXT function. (See Pg. 18~20)
- MUTE Press once this button to mute the sound and once again to restore the sound. (See Pg. 9)
- CHANNEL+(UP)/ (DOWN) Press these buttons to select the memorized channels conveniently. (See Pg. 9)
- VOLUME+(UP)/-(DOWN) Press these buttons to adjust the volume level.
   Also, these buttons can be used to enter or adjust the desired menu. (See Pg. 9)
- 10. PICTURE Use this button to select the picture mode (contrast, brightness, color, tint, sharpness, auto picture). (See Pg. 15~16)
- 11. APC(Auto Picture Control) Press this button to select the factory preset picture. (See Pg. 15)
- **12. SET-UP** Press this button to enjoy the desired menus. (See Pq. 11∼14)

# REMOTE CONTROL LAYOUT

#### **■ BATTERIES**



The Hemote Control is powered by batteries. This requires two AA batteries for operation. To ensure consistent operation, change the batteries about once a year.

- Remove the battery compartment lid by sliding it in the direction of the arrow.
- Remove the batteries and insert two type AA batteries.
- · Replace the battery compartment cover.

**NOTE:** For the correct polarity, refer to the diagram in the battery compartment.

**WARNING**: Batteries installed incorrectly may leak and damage the remote control. Do not mix old and new batteries, or different types of batteries (for example, standard and alkaline).

# BASIC TV OPERATION



#### TURN ON THE TV



Press the POWER button on the front panel or Remote Control. A Channel Number on-screen display will appear in the upper right hand corner and then disappear after a few seconds.

Press the button again to turn off the TV.



#### **CHANNEL SELECTION**



Select the desired channel by using the CH + or -button or CHANNEL SELECTION buttons (0-9). The selected channel number will appear on-screen and then disappear.

See AIR/CABLE selection. (See Page 12)

NOTE: CH +/- buttons and Selection Buttons will not work properly, unless the set has been Auto

Programmed. (See Page 11)



#### **VOLUME CONTROL**



Press the VOL + button to increase the volume and VOL - button to lower the volume until the desired sound level is obtained.

The on-screen display will disappear after a few seconds.



#### **MUTE BUTTON**



Press the MUTE button to mute the sound. Then, the MUTE message appears.

If you press the CH + or - button or REVIEW button when MUTE is selected, the channel number and MUTE message appear on the screen.



Press the MUTE button or VOL + or - button again to restore the sound.

# 5

#### **REVIEW BUTTON**

Press the REVIEW button to view the previously watched channel. Then the channel number will appear on the screen. At this time, the MUTE message will appear on the screen, if you have already pressed the MUTE button.

For example:

- 1. You are watching channel 2 now.
- 2. You decide to see what program is on "channel 11", so press "1" button two times.
- 3. You now decide to return to the channel you were viewing, so press the REVIEW button. Then, the on-screen display will appear.
- 4. If you like, you can quickly alternate between these two channels by pressing this button repeatedly.

# **FUNCTION BUTTON**

This TV displays various menus in one menu picture.



#### **AUTO PROGRAMMING**

Auto Programming sets up your TV to skip mactive channels in your area when you use the CH + or - button. To memorize the cable channels, change the TV to CABLE TV mode. (See page 12) You can make the TV repeat this procedure at any time.



 Press the SET-UP button until AUTO PROGRAM is selected. (NOTE: The arrow points to the selected function.)



NOTE: You must make your adjustments before the on-screen display disappears; otherwise you will have to start the procedure over again.



Press the VOL + or - button twice to start the AUTO PROGRAM.



Wait until the TV scans the channels and displays the AUTO PROGRAMMING COMPLETED message.

#### TO STOP THE AUTO PROGRAM:

Press the Power button on the Remote Control or front panel.



#### SKIP MEMORY

After Auto Programming, you may wish to delete unwanted memorized channels or add channels by the following procedure:

#### To Add or Delete a channel



 Press the SET-UP until SKIP MEMORY is selected.



Press the VOL + or - button to display the SKIP MEMORY.



 Press the CH + or - button or CHANNEL SELECTION BUTTON (0-9) to choose the channel you wish to add or delete (for example : channel 12).

- Press the VOL + or button to select the ADDED or DELETED.
- 5. Wait for the screen to clear automatically.



#### **AIR/CABLE SELECTION**

This TV is designed to receive a total of 181 channels, including 68 VHF/UHF channels (2-69) and 125 cable channels (1-125). You can watch the AIR or CABLE TV by selecting AIR or CABLE mode.



 Press the SET-UP button repeatedly until the AIR/CABLE indicates.

- Press the VOL + or button to enter the AIR/CABLE.
- Press the VOL + or button to select the desired mode, of ANTENNA, CABLE-IRC, CABLE-HRC or CABLE-CATV.
- 4. Wait for the screen to automatically clear.



#### **AFT(Automatic Fine Tuning) MODE**

Your TV set will power up with AFT in the ON MODE, and you will not normally have to switch the AFT to the OFF MODE. However, if your TV does not tune channels properly due to some rare signal conditions, you may have to switch the AFT to the OFF MODE by the following procedure:



 Press the SET-UP button repeatedly until the AFT MODE is selected.



Press the VOL + or - button to switch the AFT MODE ON or OFF.



3. Wait for the screen to automatically clear.

If the set is unplugged or a loss of power occurs, the TV will power up with the AFT in the ON MODE.



#### **MENU BACKGROUND SELECTION**

You can add or delete the on-screen display Background according to your viewing preference.



 Press the SET-UP button repeatedly until the BACKGROUND is selected.



Press the VOL + or - button to select your BACKGROUND viewing choice.



3. Wait for the screen to automatically clear.



#### **CAPTIONS**

You can read the dialogue and narration of television programs by using this function. This function will be described in detail later in this manual. (See page 18~20)



#### **AUTO DEMONSTRATION**

You can view the menus that are programmed in this TV set.



- Press the SET-UP button repeatedly until AUTO DEMO is selected.
- Press the VOL + or button to enter the AUTO DEMO.

The order of the on-screen display will appear. When the demonstration is completed, it will start again from the beginning.

#### TO STOP THE AUTO DEMONSTRATION:

Press any button on the front panel or Remote Control.

#### NOTE:

When you stop the AUTO DEMO, this TV is programmed to operate in the condition displayed during the auto demonstration instead of the previous condition before AUTO DEMO started.

For example. If you were viewing the picture with normal brightness before starting the AUTO DEMO, and you stop AUTO DEMO at minimum Brightness, the TV will remain at minimum Brightness and must be readjusted. (TV can be readjusted by selecting APC or Picture Adjustment)

# **AUTO PICTURE CONTROL**

When you first power-up your TV set, the AUTO PICTURE will be ON to provide factory preset picture settings; this will normally provide a very satisfactory picture without any picture adjustments. However, if poor picture adjustments have been made, you may return to the AUTO PICTURE settings by the following procedure:



1. Press the APC button, and the on-screen display will appear.



Press the APC button or VOL + or - button to switch APC to the ON or OFF.

3. Wait for the screen to automatically clear.

**NOTE:** If you adjust picture levels when the AUTO PICTURE is ON, the AUTO PICTURE will change to OFF.

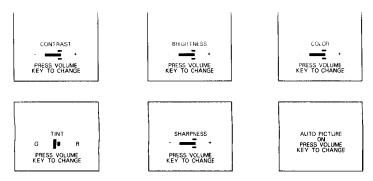
# PICTURE ADJUSTMENT

You can adjust the picture levels of the screen manually at any time, but these are not required if the picture is satisfactory.



- 1. Press the PICTURE button repeatedly until the desired mode is selected.
- 2. Press the VOL + or button repeatedly to make the selection and desired adjustment.

VOL + increases the control setting, and VOL - decreases the control setting.



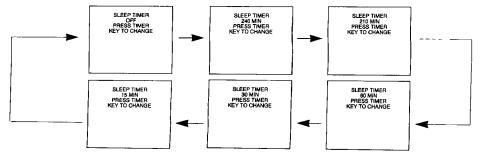
An adjustment of the levels must be done while the illustration shown above is still on the screen. Refer to the following control chart.

CONTROL ADJUSTMENT		CONTROL	CONTROL BUTTONS	
		_	+	
CONTRAST	To adjust picture contrast	Darker	Higher	
BRIGHTNESS	To adjust picture brightness	Darker	Brighter	
COLOR	To adjust color intensity	Lighten	Deepen	
TINT	To adjust color tones	Greener	Redder	
SHARPNESS	To adjust picture sharpness	Soft	Sharp	

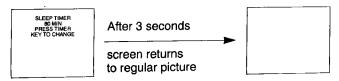
# THE SLEEP TIMER

You can turn off the TV automatically by setting the preset sleep time between 240 and 15 minutes. You can set the Sleep Timer by the following procedures:

1. Press the SLEEP button repeatedly to scan through the sleep time options. Then, it will count down from 240, 210, 180, 150, 90, 60, 30, 15.



2. When the desired sleep time appears on the screen, wait for the screen to clear automatically. This completes the Sleep Timer setting.



#### NOTES:

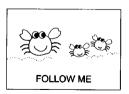
- To view the remaining sleep time, press the SLEEP button once and the remaining sleep time will be displayed.
- To erase the sleep time, select the OFF mode by pressing the SLEEP button.
- The GOOD NIGHT message will appear in yellow on the screen before the TV turns OFF.

# **CLOSED CAPTION FUNCTION**



#### **CAPTIONS**

Closed Captions are hidden in the TV broadcast signals, and cannot be seen without a decoder similar to that which is built into your new television set. The picture below shows a typical caption.



A caption is a printed version of dialogue, narration, lyric or sound effects of a program. Closed Captions can be prepared for a wide variety of programs such as news reports, presidential speeches, sports, drama and live programs. Because most TV programs are prerecorded, captions can be produced in advance allowing caption editors to proofread for correct captions. It is also possible to caption by using a process called. "real-time captioning". Real-time captioning is usually done by professional reporters using a machine shorthand system and a computer which translates their shorthand into English words.

NOTE: Some TV programs may not be broadcast with closed caption signals, and therefore your TV will not be able to display captions.

Your television is designed to provide error free closed captions from high quality antenna, cable and VCR signals, but poor quality signals are likely to result in caption errors or no captions at all. Common signal conditions which will normally cause caption errors are listed below:

- Automobile ignition noise
- Electric motor brush noise
- Weak snowy picture
- Multipath signal reception displaying picture ghosts or airplane flutter
- Poorly recorded VCR Tape
- Poorly tuned VCR channel recording

#### **Operating the Caption**

You can operate the caption function by using the CAPTION button on the Remote Control.

To view closed caption (cc), follow the procedure below.



1. Press the CAPTION button until the desired selection appears.



Press the CAPTION button or VOL + or - button repeatedly to select CAPTION 1 or CAPTION 2.

**NOTE:** Most programs in English are found on CAPTION 1.



3. Wait for the screen to automatically clear.

NOTES: To eliminate captions, repeat Steps 1 through Step 3 except select CAPTIONS OFF in Step 2.

The built in Closed Caption decoder is designed to insert white boxes when caption errors are detected. Therefore white boxes will normally appear under poor signal conditions.



#### **TEXT**

Text is the information that is presented on the bottom half of your television screen. It is usually not related to the program on the TV station. Text services give a wide variety of information on all kinds of subjects (example. captioned program lists, a weather forecast, stock exchange, farm news, news for hearing-impaired persons, general wire-service news, etc.)

A station can provide two different text services at the same time; one on TEXT 1 and another on TEXT 2. Text information is not offered by all stations, and many stations which provide captions do not provide text services.

#### **Operating the Text**

To view text, follow the procedures below.



1. Press the CAPTION button until the desired selection appears.



2. Press the CAPTION button or VOL + or - button continuously to select the TEXT 1 or TEXT 2.



3. Wait for the screen to automatically clear.

NOTES: TEXT 1 and TEXT 2, may provide two different services.

To eliminate text, repeat Step 1 through Step 3 except select CAPTIONS OFF in Step 2.

The built in Closed Caption decoder is designed to insert white boxes when caption errors are detected. Therefore white boxes will normally appear under poor signal conditions.

# CABLE TV RECEPTION

If certain channels are scrambled, you will have to use the channel converter. (Supplied by cable company) This TV is designed to receive a total of 181 channels. All VHF channels 2 through 13 may be tuned with the TV or CABLE mode. However select the TV mode to receive regular UHF channel 14 through 69. The CATV is assigned to channels 1~125.

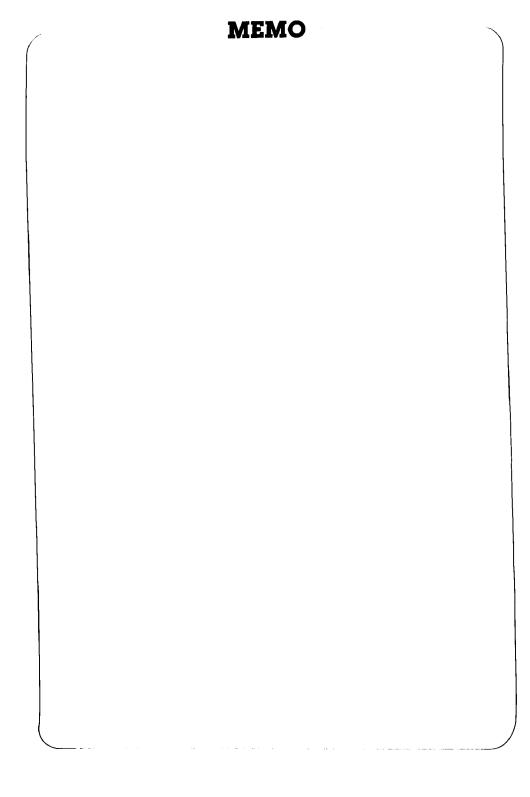
#### NOTE TO CATV SYSTEM INSTALLER:

This reminder is provided to call the CATV system installer's attention to Section 820-40 of the NEC 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.

# TV TROUBLES

Before calling for service, please check the trouble-shooting chart below. It includes several common faults which you may correct, making a service call unnecessary.

Troubles	Check Points	Recommended Solution
No power	<ul> <li>Be sure power cord is plugged in.</li> <li>Be sure television is turned on.</li> <li>Check batteries in Remote Control.</li> </ul>	
No picture or sound	<ul> <li>Try another channel (station trouble).</li> <li>Check antenna connections.</li> </ul>	On UHF channels, be sure CABLE or AIR mode is in the AIR mode in SET-UP program.
Sound OK : poor picture	<ul> <li>Try another channel (station trouble).</li> <li>Check antenna connections.</li> <li>May be local interference.</li> </ul>	Adjust antenna.     Adjust the PICTURE control.
Poor reception	<ul> <li>Try another channel (station trouble).</li> <li>Check antenna connections.</li> <li>May be local interference.</li> </ul>	Adjust antenna.     Adjust the PICTURE control.
Lines in picture.	<ul> <li>Try another channel (station trouble).</li> <li>Check antenna connections.</li> <li>May be local interference.</li> </ul>	Adjust antenna.     Adjust the PICTURE control.
Ghosts (multiple images).	<ul> <li>Try another channel (station trouble).</li> <li>Check antenna connections.</li> <li>May be local interference.</li> </ul>	Adjust antenna.     Adjust the PICTURE control.
Remote Control doesn't work (on TV with remote control).	Check batteries in Remote Control.	
Cannot tune desired channel.	Try another channel (station trouble). Channel may not be in channel memory.	<ul> <li>Check mode of CABLE or AIR in SET-UP program.</li> <li>Add channel using SKIP MEMORY.</li> <li>Program channel using AUTO PROGRAM.</li> </ul>



# SEARS OWNER'S MANUAL

# MODEL NO. 580. 41068390 SERIES

WHEN ORDERING REPAIR PARTS, ALWAYS GIVE THE FOLLOWING INFORMATION

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

# 19" TABLETOP COLOR TELEVISION WITH REMOTE CONTROL

Your Sears Television has added value when you consider that Sears has service units nationwide staffed with Searstrained 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 : For Repair Service :

Call 1-800-4-REPAIR (1-800-473-7247) For Replacement parts information and ordering :

Call 1-800-FON-PART (1-800-366-7278)

#### WARRANTY

#### **FULL 90-DAY WARRANTY ON COLOR TELEVISION**

For the first 90 days from the date of purchase, Sears will repair this television, free of charge, if defective in material or workmanship.

### LIMITED WARRANTY ON ALL PARTS EXCEPT PICTURE TUBE.

After 90 days from the date of purchase and up to one year, Sears will furnish, free of charge, a replacement for any defective part in this television. You pay for labor.

#### LIMITED WARRANTY ON PICTURE TUBE

After 90 days 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 RETURNING THE TELEVISION TO THE NEAREST SEARS SERVICE CENTER/DEPARTMENT IN THE UNITED STATES. This warranty applies only while this product is in use in the

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 817WA Hoffman Estates, IL 60179