# COLOR TV OWN



IMPORTANT INFORMATION TABLE OF CONTENTS QUICK GUIDE TO YOUR TO USING YOUR TY AND REMOT ADJUSTING YOUR TY AND REMOT

# **Important Information**

## WARNING

To prevent fire or shock hazard, do not expose this TV to rain or moisture.



DO NOT OPEN

#### 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 imp acco

This symbol indicates important instructions accompanying the product.



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

Pour éviter les chocs électriques, introduire la lame la plus large de la fiche dans la borne correspondante de la prise et pousser jusqú au fond.

Do not defeat the safety feature of the plug. The wide blade fits into the wall socket only one way. If you need an extension cord, make sure it matches the plug of the TV.

Operate TV only on 120 volts, 60 Hz AC power (normal house power) .

For safety reasons, make sure any equipment or accessories connected to this product bears the UL listing mark or CSA certification mark. If in doubt, contact qualified service personnel.

FCC Regulations state that unauthorized changes or modifications to this equipment may void the user's authority to operate it.

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.

Please fill out the product registration card and return it immediately. Returning this card allows us to contact you if needed.

Keep your sales receipt to obtain warranty parts and service and for proof of purchase. Attach it here and record the serial and model numbers in case you ever need them. The numbers are located on the back of the TV.

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

Serial No.\_\_\_\_

Purchase Date: \_\_\_\_\_

Dealer/Address/Phone:\_\_\_\_\_

Cautions



Note To Cable TV Installer

Product Registration

# **Table of Contents**

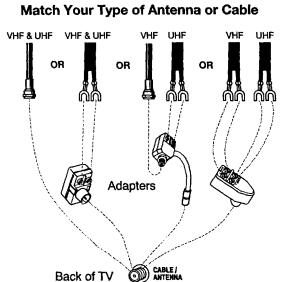
| Important Information    | Warning, Product Registrationi   |
|--------------------------|--|
| Quick Guide to Your TV   | Startup       2-3         Hook up your TV, Plug in the TV, Put Batteries in the Remote,       Turn on the TV, Place Channels in Memory         Basic Tour of the Remote       4         Power, Volume, Channel, Special, and Menu Buttons       4         Menu Basics       5         Colors, Menu Buttons, Moving through the Menus       5 |
| Using Your TV and Remote | Remote Buttons6Front Panel Buttons7  |
| Adjusting Your TV        | Overall Picture       8         Picture Settings       9         Color, Tint, Brightness, Sharpness, Autocolor, Picture Reset  |
| Using Advanced Features  | Placing Channels in Memory / Autoprogram 10Watching Closed Captioning 11Setting Your TV for Antenna or Cable 12  |
| References               | Displays on the Screen13Trouble Checks14Order Form for Parts15-16Limited Warranty17  |

## Startup

The steps below will get your TV connected and ready for watching. *For more details, see the page numbers listed.* 

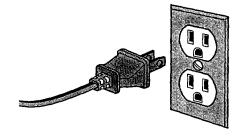
1. Hook up your TV

Parts can be ordered on page 15.



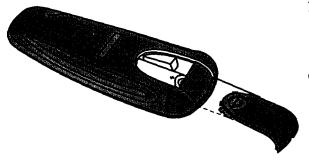
Hook up your antenna or cable to the TV before you follow the steps below.

2. Plug in the TV



Plug the cord into the outlet, matching the wide and the small end of the plug with the outlet.

3. Put Batteries in the Remote



- A. Pull off the cover of the battery compartment.
- B. Place the two AAA batteries as shown, matching the + and end of each battery in the compartment.
- C. Replace the cover.

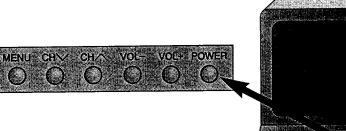
## Startup

4. Turn on the TV



Press POWER on the remote.

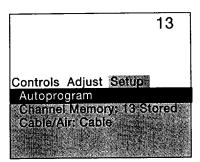
OR



Press POWER on the TV.

#### 5. Place all available channels in memory (AutoProgram)

Details for adding and deleting channels are on page 10.



- A. Press MENU on the TV front panel until the Setup menu is selected. This menu is white.
- B. Press + to place channels in the TV's memory (Autoprogram).
- C. Wait until TV has cycled through all the channels and returns to the original channel.
- D. Press DISPLAY to remove the menu from the screen when you are finished.

## **Basic Tour of the Remote**

Basic information about your remote is shown below. This will give you a general idea of how your remote works. *For more details, see page 6.* 

#### **Power Button**

**Volume, Channel, and Special Buttons** *Details are on page 6.* 

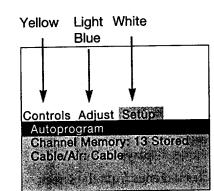


Turns the TV on and off.

Operates the TV. Operates special features of the TV.

### **Menu Basics**

General information about using the on-screen menu system is shown below. Details on using the remote buttons are on page 6. Many menu items are explained in detail in Adjusting Your TV starting on page 8 and Using the Advanced Features starting on page 10.



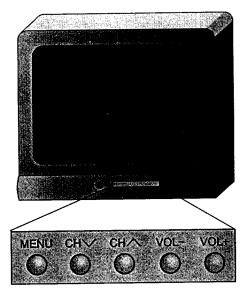
Press MENU on the TV front panel repeatedly to see each of the three menu colors.

Each menu has a different color background as shown at the left.

# Menu Buttons

Colors

These buttons are used with the TV's menus to adjust the features.



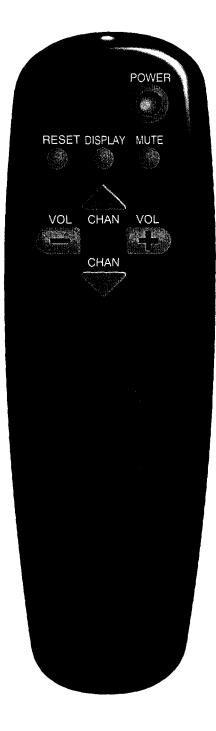
#### Moving through the Menus

| Control | ls Adju  | st Setu  | oli    |
|---------|----------|----------|--------|
|         | rogram   |          |        |
| Chan    | nel Mer  | nory: 13 | Stored |
| Cable   | /Air: Ca | able     |        |

- 1. Press MENU to move from menu to menu.
- 2. Press CHANNEL up and down to move up and down through the features in the menu.
- Press VOLUME + and to move left and right on the menu lines.

# **Using Your TV and Remote**

## **Remote Buttons**



**POWER** Turns the TV on and off.

#### RESET

Returns the picture adjustments to the original factory settings.

**DISPLAY** Shows displays on the screen.

Clears menus from the screen.

#### MUTE

Switches the TV sound on or off.

**CHAN**  $\triangle$  and  $\bigtriangledown$ (Channel up and down) Scans up and down through channels in the TV's memory.

Moves up and down menus. See Menu Basics on page 5.

VOL + and -(Volume up and down) Raises and lowers sound.

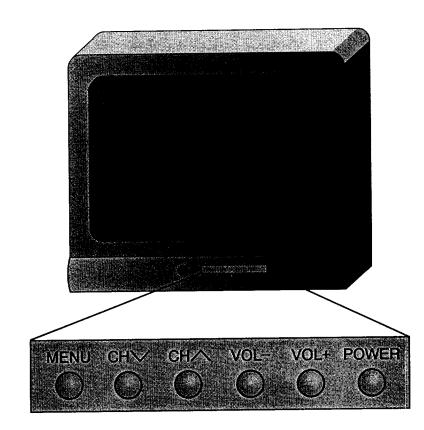
Moves left and right on a menu line. *See Menu Basics on page 5.* 

Changes a feature setting.

# **Using Your TV and Remote**

## **Front Panel Buttons**

For details on using buttons with menus, see Menu Basics on page 5.



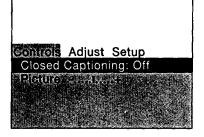
| MENU                | Shows menus on screen.                                 |
|---------------------|--|
|                     | Moves from menu to menu.                               |
|                     |  |
| $CH \land and \lor$ | Channel up and down.                                   |
|                     | Scans up and down through channels in the TV's memory. |
|                     | Moves up and down menus.                               |
|                     |  |
| VOL + and -         | Volume up and down                                     |
|                     | Raises and lowers sound.                               |
|                     | Moves left and right on a menu line.                   |
|                     | Changes a feature setting.                             |
|                     |  |
| POWER               | Turns the TV on or off.                                |

# **Adjusting Your TV**

## **Overall Picture**

Follow the steps below to lighten or darken the overall picture without changing the color levels.

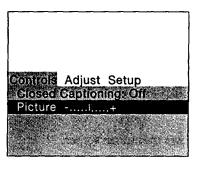
1. Select the Controls Menu



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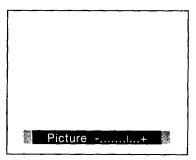
Press MENU on the TV front panel to select the Controls menu. This menu is yellow.

2. Highlight Picture



Press CHANNEL down to highlight Picture.

3. Use **VOLUME** + and - to adjust the Picture



Press + to lighten the picture.

OR

Press – to darken the picture.

Press DISPLAY to remove the menu from the screen when you are finished.

# **Adjusting Your TV**

## **Picture Settings**

Follow the steps below to change the picture on the screen to your personal setting. The chart below explains your options.

- 1. Select the Adjust Menu
- 2. Highlight item to change

Press MENU on the TV front panel repeatedly to select the Adjust menu. This menu is light blue.

Press CHANNEL down to highlight the picture item you want to adjust.

Press + or - to adjust each item.

3. Use **VOLUME** + or – to adjust each item

|          |            |            | 1        |
|----------|------------|------------|----------|
|          |            |            |          |
| Controls | Adjust     | Setup      |          |
| 000      |            |            |          |
| Tim      | i fei i fi | •          | 1990 B N |
| Bright   |            | ×+         |          |
|          |            | з <b>т</b> |          |
| Sharp    |            | 00.299 (s. | 6. C     |
| Autocol  | or: Un u   |            |          |
| Picture  | 1050       |            |          |
|          |            |            |          |

Press DISPLAY to remove the menu from the screen when you are finished.

|                     | Press VOLUME + to:   | Press VOLUME - to:                               |
|---------------------|--|--|
| Color               | Increase color richness  | Lower color to black and white                   |
| Tint                | Give red tint to skin color  | Give green tint to skin color                    |
| Bright (Brightness) | Add more light to dark parts of the picture                                    | Add more dark to light parts of the picture      |
| Sharp (Sharpness)   | Show cleaner, clearer images   | Make picture more smooth                         |
| Autocolor           | Turn on to keep Color and Tint in proper balance each time you change channels | Turn off for manual adjustment of Color and Tint |
| Picture Reset       | Reset the picture back to the original settings                                | Reset the picture back to the original settings  |

# **Using Advanced Features**

## **Placing Channels in Memory (Autoprogramming)**

Only channels 2–13 appear in the TV's memory when you first turn it on. The channels available in your area must be programmed into the TV's memory when you hook up your TV. Using CHANNEL up or down allows you to scan through these channels.

You may want to add or delete a few channels if some stations have weak signals or were off the air when the TV was programmed. *Refer to the Add or Delete Channels section below.* 

- 1. Place channels in memory (AutoProgram)
   13

   Controls Adjust Setup
   Autoprogram

   Channel Memory: 13 Stored
   Cable/Air: Cable

   15
   Controls: Adjust Setup

   Autoprogramming
   Channel Memory: 15 Stored

   Cable/Air: Cable
   15
- 2. Add or delete channels

|          | 13  |
|----------|---|
|          |   |
| Controla | Adjust Catur  |
| Autopro  | Adjust Setup<br>gram  |
|          | Memory: <u>13</u> Stored  |
| -Cable/A | ir. Cable   |
|          | and a share a shere a s |

|          | 13                       |
|----------|--------------------------|
|          |                          |
| Controls | Adjust Setup             |
| Autoproc |                          |
|          | Memory: <u>13</u> Erased |
| Cable/Ai | r cable                  |
|          |                          |

- A. Hook up an antenna, cable or components before you begin these steps or you will not be able to add channels into memory.
- B. Press MENU on the TV front panel repeatedly to select the Setup Menu and highlight Autoprogram. This menu is white.
- C. Press + to start the TV adding all active channels into memory.
- D. Wait until the TV has cycled through all the channels and returns to the original channel.
- E. Press DISPLAY to remove the menu from the screen when you are finished.
- A. Press MENU repeatedly to select the Setup menu. This menu is white.
- B. Press CHANNEL down to highlight Channel Memory.
- C. Press + to highlight the channel number.
- D. Select the channel number you want to add or delete with the CHANNEL buttons.
- E. Press + to add or delete a channel (you will see Stored on the screen when added and Erased when deleted).
- F. Repeat D and E for more channels.
- G. Press DISPLAY to remove the menu from the screen when you are finished.

# **Using Advanced Features**

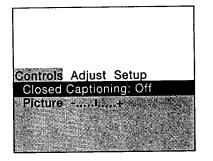
## Watching Closed Captioning

Closed captioning displays the audio portion of a program as words on the TV screen. It is useful for the deaf, hearing impaired, or anyone who wants to watch a program without sound.

If you have turned Closed Captioning on and it does not appear on the screen, it is not available on the channel you are watching. Closed captioning is not available on all programs or at all times.

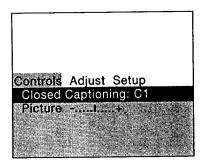
This TV does not support the text mode. Text information typically consists of program information, weather bulletins, local activities, etc.

#### 1. Select the Controls Menu



Press MENU on the TV front panel to select the Controls menu and highlight Closed Captioning. This menu is yellow.

#### 2. Select Setting



- A. Press + or to select Off, C1, or C2. Select C1 for the display of the primary language in your area. Select C2 for an alternate service, such as secondary language translation or simplified English.
- B. Press DISPLAY to remove the menu from the screen when you are finished.

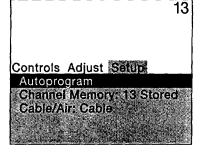
# **Using Advanced Features**

### **Setting Your TV for Antenna or Cable**

Your TV automatically adjusts this feature when the TV places channels in memory (autoprogram). Follow the steps below to change the setting as needed.

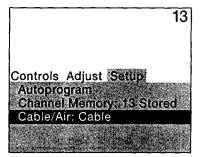
**1.** Select the Setup menu

.



Press MENU on the TV front panel repeatedly to select the Setup menu. This menu is white.

#### 2. Highlight Cable/Air



Press CHANNEL down to highlight Cable/Air.

3. Select Cable or Air

| Controls Adjust Setup<br>Autoprogram<br>Channel Memory: 13 Stored<br>Cable/Air: Air |      |        |     |       |             |
|---|------|--------|-----|-------|-------------|
| Autoprogram<br>Channel Memory: 13 Stored  |      |        |     |       |             |
| Channel Memory: 13 Stored   |      |        |     | etup  |             |
|   |      |        |     | 40.04 |             |
|   |      |        |     | 10.01 | ored        |
|   | Q: Y | 1. A C | 100 |       | 8. S. R. S. |

- A. Press + or to select Cable or Air. Select Cable if you have cable. Select Air if you have a home antenna connected to your TV.
- B. Press DISPLAY to remove the menu from the screen when you are finished.

.

.

## **Displays on the Screen**

Your TV shows the settings of several features on the screen. To see what features have been set on your TV, press DISPLAY on the remote.

|                | 13    |
|----------------|-------|
|                |       |
|                |       |
|                |       |
| Volume<br>Mute | +<br> |

| <u>Screen Display</u> | Description   |
|-----------------------|---|
| 13                    | Channel number you are watching.  |
| Volume                | Sound level of the TV.  |
| Mute                  | No sound comes from the TV. MUTE is not displayed when the Closed Captioning feature is turned on. <i>See</i> MUTE <i>button on page 6.</i> |

## **Trouble Checks**

You may have problems that can be fixed with a few minor adjustments. Look for the type of problem you are having below and then try the suggestions to get your TV going again. *For warranty information see page 17.* 

| Trouble                      | Checks and Adjustments  |
|------------------------------|---|
| Power                        |   |
| TV will not turn on          | Plug TV in.   |
|                              | Plug something else into the outlet to make sure it is working.   |
|                              | Make sure batteries in the remote are not dead.   |
|                              | Aim the remote at the TV and press POWER.   |
| -                            | Make sure batteries are placed in the remote the right way. <i>See batteries on page 2.</i>                         |
|                              | Unplug TV for a few minutes and then turn it on again.  |
| No picture, no sound but     | Check antenna connections.  |
| TV has power                 | Check position of Cable/Air feature. See page 12.   |
|                              | Try another channel. Inactive channel may be tuned.   |
| Picture                      |   |
| Blank screen                 | Try another channel. Inactive channel may be tuned.   |
|                              | Make sure cable or an antenna is connected to the TV correctly.   |
| Picture poor, sound okay     | Check antenna connections.  |
|                              | Adjust TV picture. See pages 8-9.   |
| Remote                       |   |
| Works part or none of the    | Clear the path between the remote and TV of any objects.  |
| time                         | Make sure batteries in the remote are not dead.   |
|                              | See if batteries are placed in remote correctly. See batteries, page 2.   |
| Can't select certain channel | Channel may not be in memory. See autoprogram on page 10.   |
|                              | Set Cable / Air feature to Cable for channels higher than 69. See page 12.  |
| Sound                        |   |
| Picture okay, no sound       | Press VOLUME + or MUTE to restore sound.  |
| Picture okay, sound poor     | Try another channel.  |
| Closed Captioning            |   |
| No closed captioning         | Turn on closed captioning. <i>See page 11.</i><br>Make sure program is being broadcast with closed captioning (CC). |

## **Order Form for Parts**

#### Remote #213725

This is the remote that came packed with your TV. You can use the order form at the right to order it by mail.



#### Remote #213722

This is a step-up remote that allows for direct channel access and more convenient operation.

#### Adapter #193983

Use this adapter to connect a twin-lead cable to the connector on your TV.

#### Adapter #197551

Use this adapter to attach one coaxial cable *and* one twinlead cable to the connector on your TV.



#### Adapter #193984

Use this adapter to attach two twin-lead cables to the connector on your TV.

#### Cleaner #AHO35

To clean your TV cabinet, we recommend Murphy's<sup>®</sup> Oil Soap or Cleaner #AH035. You <u>should</u> <u>not</u> use cleaners such as Windex<sup>®</sup> with vinegar, Lenox<sup>®</sup> Furniture Polish spray or Heinz<sup>®</sup> Cleaning Vinegar to clean your TV cabinet. Using these cleaners will permanently mar the surface of the cabinet. Such damage is not covered under your purchase warranty.

**Detach Here** 

#### **Order Form** Book No. 1Q57 373-05A Part Part Number Price Qty Total 193983 \$ 9.80 Adapter Adapter 193984 \$10.73 197551 Adapter \$11.40 Cleaner AH035 \$ 6.95 Remote--CRK63D1 \$39.95 213725 Remote--CRK63A1 \$59.95 213722 Total (\$10 Minimum Order) ..... Sales Tax ..... \$ We are required by law to collect the appropriate sales tax for each individual state, county, and locality to which the merchandise is being sent. Shipping, Handling, and Insurance ...... 5.00 \$ Total Amount Enclosed \$ VISA or MasterCard preferred. Money order or check must be in U.S. currency only. No COD or CASH.

Fill out both sides of the information

All specifications and descriptions of parts are subject to change without notice.

## **Order Form for Parts**

| USE YOUR CREDIT CARD                          |
|---|
| Copy complete account number                  |
|   |
| Card expires:                                 |
| Copy complete account number                  |
|   |
| Copy Number above the name on your MasterCard |
| Card expires:                                 |
| AUTHORIZED SIGNATURE                          |
| Prices are subject to change without notice.  |

### PLEASE

Print or type your name and address. This will be your mailing label.

A complete and correct order will save you days of waiting.

| r       |      |
|---------|------|
| Name:   |      |
| Street: |      |
|         | Apt: |
| City:   |      |
| State:  | Zip: |
| <br>    |      |

Make sure that both sides of this form have been filled out.

#### U.S. and Canadian Orders

#### By Phone: 1 - 800 - 338 - 0376

Call this toll-free number between 8AM and 8PM Eastern Standard Time and place your order using your Visa or MasterCard. Use this number only to place an order for accessory items listed on this order form.

#### By Mail:

Detach the information at the left and mail the payment to Thomson Consumer Electronics, Inc., at:

Video Accessories PO Box 8419 Ronks, PA 17573

Most orders are shipped UPS within 72 hours. If it is not possible to ship within 30 days, we will notify you.

#### For more current information on these accessories, write to the following address:

Video Accessories Customer Service Thomson Consumer Electronics, Inc. Distributor & Special Products 2000 Clements Bridge Rd Deptford, NJ 08096-2088

#### **International Orders**

This offer is valid only in the U.S. Send your request for price quotation (not orders) to:

International Customer Service Thomson Consumer Electronics, Inc. Distributor & Special Products 2000 Clements Bridge Rd Deptford, NJ 08096-2088 USA

## **Limited Warranty**

| What your warranty covers:                        | Any defect in material or workmanship.  |
|---|---|
| How long after your                               | 90 days for labor charges.  |
| purchase:   | One year for parts.   |
|   | Two years for picture tube.   |
|   | The warranty period for rental units begins with the first rental.  |
| What we will do:                                  | Pay any Authorized RCA Television Servicenter the labor charges to repair your television.  |
|   | Pay any Authorized RCA Television Servicenter for the new or, at our option, rebuilt replacement parts and picture tube required to repair your television.   |
| How you get service:                              | For screen sizes of 20" and smaller: Take your RCA television to any Authorized RCA Television Servicenter.   |
|   | For screen sizes larger than 20": Request in-home service from any Authorized RCA Television Servicenter.   |
|   | To identify your nearest Authorized RCA Television Servicenter, ask your<br>Dealer, look in the Yellow Pages, or call 1-800-336-1900.   |
|   | Show the service technician your evidence of purchase date.   |
| What your warranty <i>does not</i> cover:         | Customer instruction. (Your Owner's Manual clearly describes how to install, adjust, and operate your television. Any additional information should be obtained from your Dealer.)                                  |
|   | Installation and related adjustments.   |
|   | Signal reception problems not caused by your television.  |
|   | Damage from misuse or neglect.  |
|   | Remote control batteries.   |
|   | A television that has been modified or incorporated into other products or is used for institutional or other commercial purposes.  |
|   | A television purchased or serviced outside the USA.   |
| What to do with the Product<br>Registration Card: | Please complete and mail the Product Registration Card packed with your<br>set. It will make it easier to contact you should it ever be necessary. The<br>return of the card is not required for warranty coverage. |
| How state law relates to this warranty:           | This warranty gives you specific legal rights, and you also may have other rights that vary from state to state.  |
| Canadian Purchases:                               | The Canadian Warranty applies in place of this Warranty.  |

Thomson Consumer Electronics is one of the first corporations to take part in a special program to improve our environment.

Thomson has committed itself to a voluntary initiative program through the U.S. Environmental Protection Agency. The program's purpose is to reduce toxic air emissions and to promote pollution prevention.

Thomson's involvement includes a concentrated effort to phase in new water-based paints to replace solventbased paints normally used in our manufacturing operations. The key benefit of these new paints is to significantly reduce air pollution.

Thomson Consumer Electronics remains committed to improving our manufacturing process through changes like these to help our environment. At Thomson, on-going efforts to maintain our valuable natural resources will continue to be a priority.

If your TV needs service, please contact your dealer or the nearest servicenter from the yellow pages. Please do not send any products to the Indianapolis address listed in this manual or on the carton. This will only add delays in service for your product. See how to get service on page 17.

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