

*Let's make things better.*



**Color Television and Remote Control**

# QUICK USE AND INSTALLATION GUIDE

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- For details on product registration, warranty, and service refer to the other literature included with your TV information packet.

Please retain all these materials and keep them handy for future reference.

**WARNING: TO PREVENT FIRE OR SHOCK HAZARD DO NOT EXPOSE THIS UNIT TO RAIN OR EXCESSIVE MOISTURE.**

**NOTE: This Quick Use Guide may be used with other models. Some of the features listed may or maynot apply to your TV.**

### ANTENNA

#### OUTDOOR/INDOOR

A combination (outdoor or indoor) antenna receives normal broadcast channels 2-13 (VHF) and 14-69 (UHF). Your connection to such an antenna is easy since there is only one antenna plug (75Ω-ohm) on the back of your TV - and that's where the antenna goes.

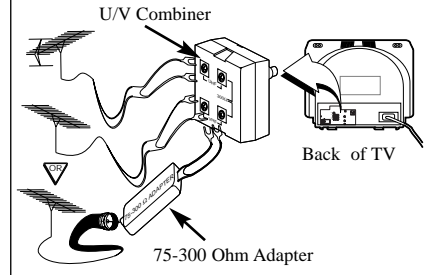
**BEGIN**

**1** If your antenna has a round cable connector (75 ohm) on the end, then you're ready to connect it to the TV. If your antenna has flat twin-lead wire (300 ohm), you first need to attach the antenna wires to the screws on a 300 to 75 ohm adapter.

**2** Push the round end of the adapter (or antenna) onto the ANTENNA (ANT "A") plug on the rear of the TV. If the round end of the antenna wire is threaded, screw it down tight.

**STOP**

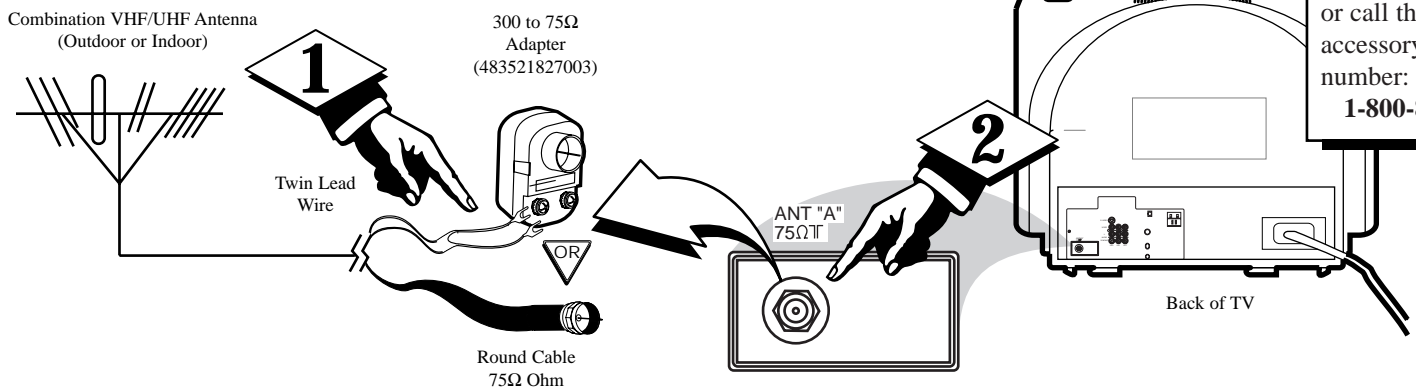
Note: For homes with separate UHF and VHF antennas you will need an optional combiner to connect to the TV.



### SMART HELP

Remember, be sure to set the TV for the type signal you've connected (see "TUNER" on page 3 of this Guide.)

To order any optional accessory contact your dealer or call the toll-free accessory ordering number: **1-800-851-8885**



### CABLE TV

#### CABLE INPUT/CONVERTER

Your Cable TV input into your home may be a single (75 ohm) cable, or a Converter Box installation. In either case the connection to the TV is very easy. Just put the threaded end of the cable signal to the TV's antenna plug and screw it down hand tight.

**BEGIN**

**1** If your Cable TV signal is a single round cable (75 ohm) then you're ready to connect to the TV. If you have a Cable TV Converter Box: Connect the Cable TV signal to the Cable Signal IN(put) plug on the Converter.

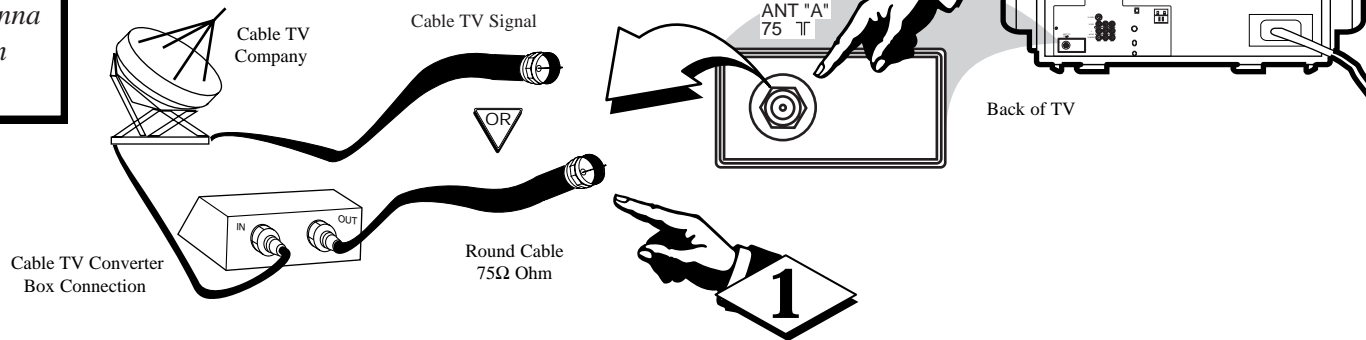
**2** Connect the Cable TV cable to the ANTENNA (ANT "A") plug on the TV. If you have a Cable TV Converter Box: Connect the OUT(put) plug from the Converter to the ANTENNA (ANT "A") plug on the TV (connecting cable supplied with the Converter.)

**STOP**

### SMART HELP

Remember, set the TV for the type signal you've just connected (see "TUNER" page 3 of this Set-Up Guide.)

Your TV can set itself to select only the channel numbers on your Cable system (see "AUTO PROGRAM" page 3). If you use a Cable Converter box, set the TV to the same channel as the converter's CH 3/4 switch (on the rear of the converter.)



### VCR TO TV

#### BASIC CONNECTION

The basic Antenna, or Cable TV, to VCR to TV connection is shown to the right. For more information on other hookups (possible when Cable Converter/Descrambler boxes are included) refer to your accessory VCR and Cable Converter Owner's Manual for details.

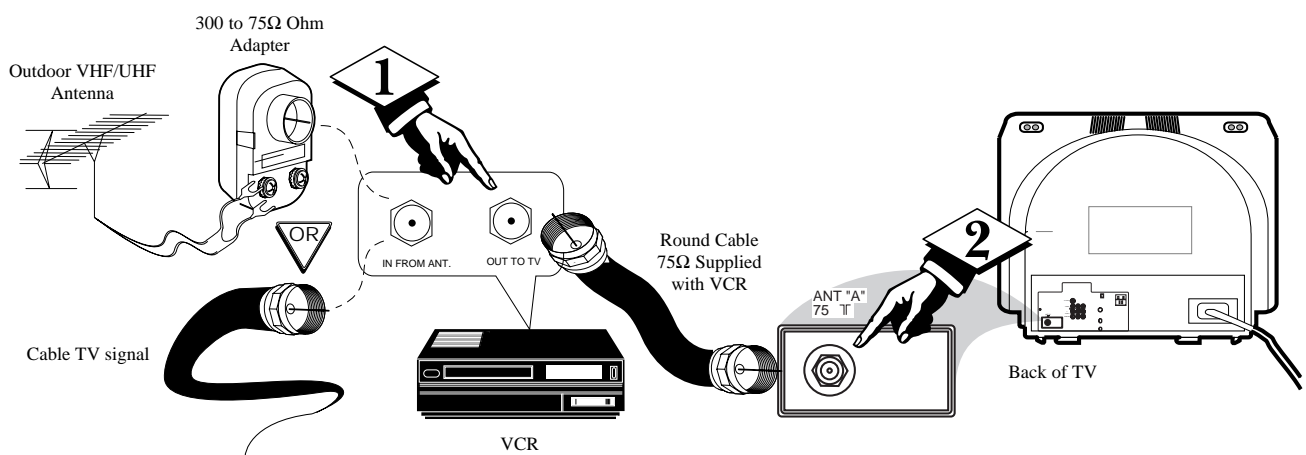
**BEGIN**

**1** Connect your Antenna or Cable TV signal to the IN FROM ANT(enna) plug on the VCR.

**2** Connect the OUT TO TV plug on the VCR to the ANTENNA (ANT "A") plug on the TV (connecting cable supplied with the VCR.)

**3** Refer to the Owner's Manual included with your VCR for other possible connections and TV/VCR operating details.

**STOP**

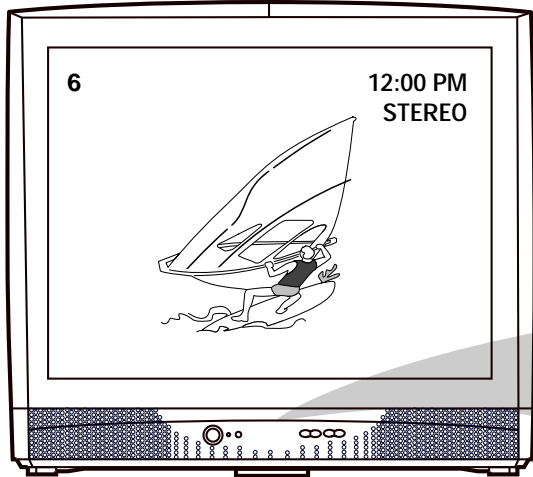


# TV AND REMOTE CONTROL OPERATION

## TELEVISION

**BEGIN**

**1** Press the **POWER** button to turn the TV ON.



**2**

Press the **VOLUME +** button to increase the sound level or the **VOLUME -** button to lower the sound level. Pressing both buttons at the same time will display the on-screen menu. Once in the menu, use these buttons to make adjustments or selections.

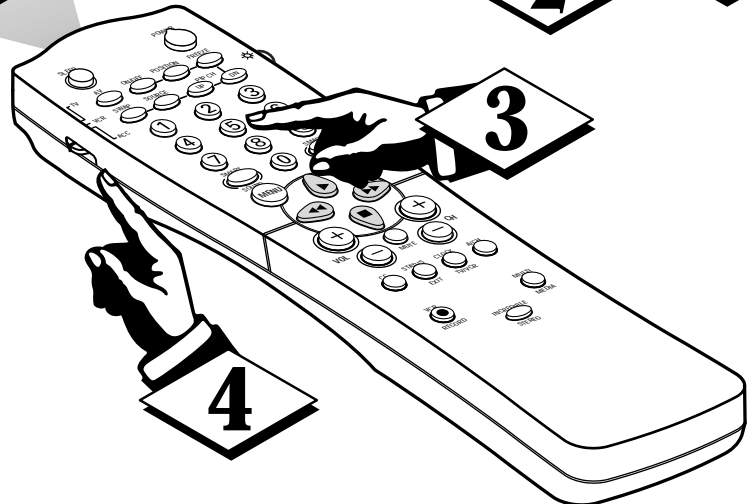
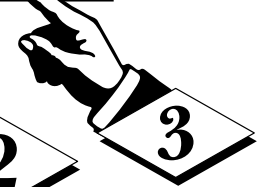
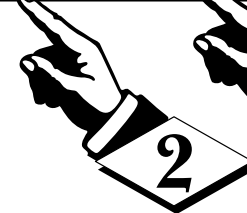
**3**

Press the **CHANNEL UP** ▲ or **CHANNEL DOWN** ▼ button to select TV channels. Note: Always press **two number buttons** on the remote when selecting channels under 100. Press **three number buttons** for any channels 100 or above. For example: press "0" then "6" for channel 6 or, press "1" then "2" then "5" for channel 125.

**4**

Slide the **TV/VCR/ACC mode switch** on the remote control to the TV position and point the remote at the front of the TV when sending commands.

**STOP**

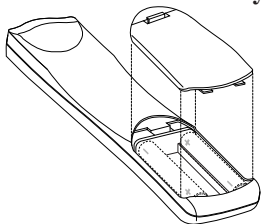


## REMOTE

### BATTERY INSTALLATION

To load the supplied batteries into the remote:

1. Remove the battery compartment lid on the back of the remote.
2. Place the batteries (2-AA) in the remote. Be sure the (+) and (-) ends of the batteries line up correctly (inside of case is marked.)
3. Reattach the battery lid.



**BEGIN**

**1** Point the remote control toward the remote sensor window on the TV when operating the TV with the remote.

**STOP**

### TV/VCR/ACC MODE SWITCH

The remote's **TV/VCR/ACC Switch** controls how buttons on the remote are used.

For example:

**With the switch in the "TV" position:**

the Menu, CURSOR ►, ►►, ◀◀ and ■ buttons are used to select and adjust on-screen TV features.

**With the switch in the "ACC" position:**

the Power, Channel Number, and Channel Up (+) /Down (-) buttons on the remote work with Cable TV Converters.

**With the switch in the "VCR" position:**

the Menu, CURSOR ►, ►►, ◀◀ and ■ buttons on the remote work Stop, Play, Pause, and other VCR features.

**Note:** For more details on how the TV remote works with VCRs and Cable Converters, see the other owner's manual supplied with your TV.

### Sleep Button

Press to set the TV to automatically turn itself OFF. Also can be used as an Enter button when sending channel commands to remote controlled cable converters or VCRs.

### Status/Exit Button

Press to see the current channel number on the TV screen. Also press to clear the TV screen after control adjustments.

### TV/VCR/ACC Mode Switch

Slide to position of TV to control TV functions, VCR to control VCR functions and ACC for Cable Converter, DSS, DVD, etc. functions.

### AV Button

Press to toggle between the external Audio/Video input jacks. This button will tune to the AV 1, AV 2 or current tuner channel.

### VCR-Record Button

When in the VCR mode, press to start the recording of a video tape.

### Incredible Stereo Button

Press to toggle between the Mono and Spatial sound controls. (Expands the stereo sound for a fuller, more dynamic listening experience.)

### Smart Sound Button

Press to control TV sound levels during program changes or commercial breaks.

### Menu Button

Press for the on-screen menu to appear. Pressing the menu button after menu selections are made will eliminate the menu from the display.

### Cursor Buttons

Use these buttons to move through the on-screen menu; make selections within the menu; make adjustments to the menu. Also used with a VCR for PLAY, FAST FORWARD, REWIND, and STOP.

### Volume (+), (-) Buttons

Press to adjust the TV sound level.

### Mute Button

Press to turn the sound OFF on the TV. Press again to return the sound to its previous level.

### CC Button

Press to select Closed Caption options within the menu. (Refer to the Owner's Manual for details.)

### Power Button

Press to turn the TV (or select VCR/Cable Converter) ON and OFF.

### Clock-TV/VCR Button

When in TV mode, press for direct entry of the TIMER feature where you can set the TV's clock. When in the VCR mode, this button can be used to quickly toggle between the VCR A/V connection and the last viewed TV channel.

### Light Button

Press to back light the Menu, Surf, Cursor, Volume, and Channel buttons.

### A/CH Button

Press to toggle between the currently viewed channel and the previously viewed channel.

### Multi Media Button

Press to toggle between the external input jacks. This button will tune to the MM 1, MM 2 channels along with setting the picture controls to the Smart Picture setting for Multi Media viewing.

### Number Buttons

Press the number buttons to select TV channels. Press **two** number buttons to select single digit channels. For example: press "0" then "6" for channel 6.

### Smart Picture Button

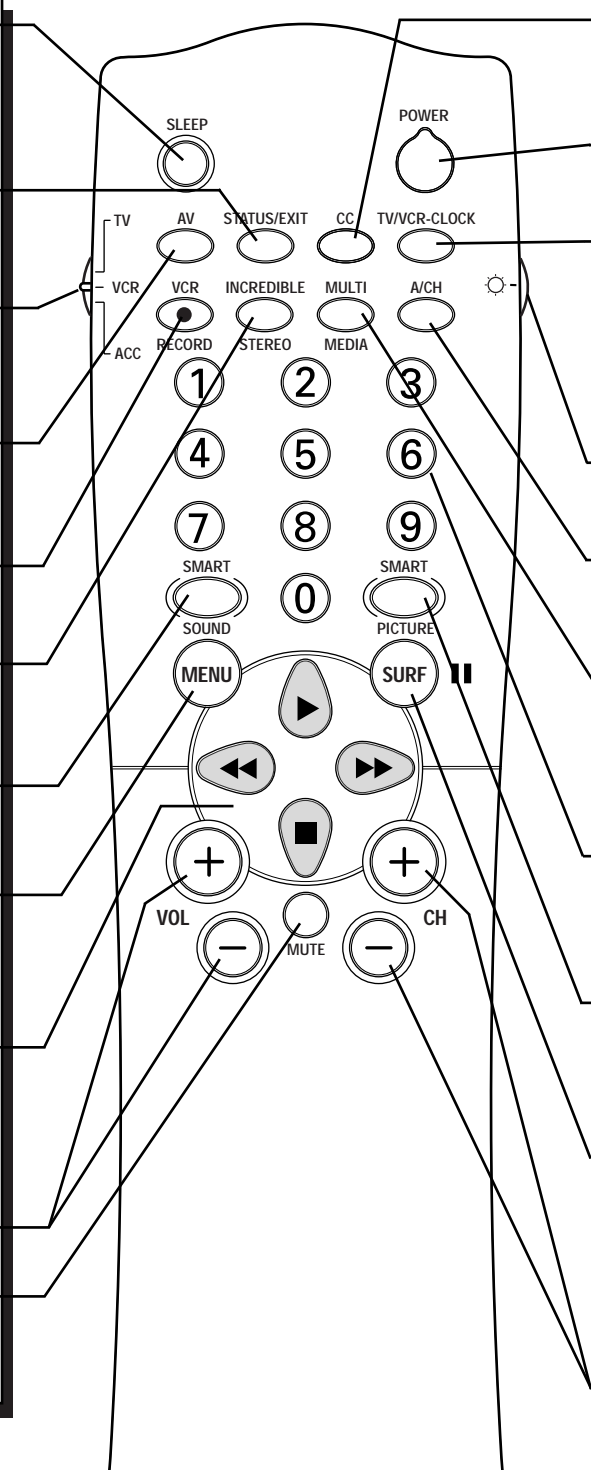
Press to select from a list of Smart Picture controls. (Factory preset picture control levels set for different types of viewing sources and programs.)

### Surf Button

Press to select previously viewed channels. You can place up to 10 channels in memory. Then by pressing the SURF button you can quickly view the select channels. See the "Surf" section (in your other owner's manual) to see how to select a series of channels using the Surf button.

### Channel (+), (-) Buttons

Press to change the tuned channel.



## SMART HELP

Remember, You can press any button on the front of the TV to turn the TV ON.

The tuned channel number will always briefly appear when the TV is first turned ON (and with channel changes.)

You can also press the STATUS button (on the remote) to see what channel the TV is ON.



# HOW TO USE THE INSTALLATION FEATURES

## LANGUAGE

BEGIN

For our Spanish and French speaking TV owners an on-screen LANGUAGE option is present. With the LANGUAGE control you can set the TV's on-screen menu to be shown in either English, Spanish, or French.

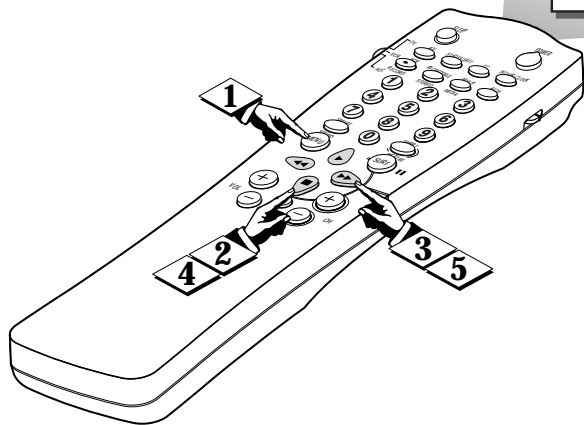
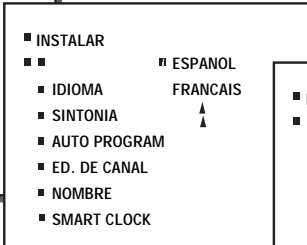
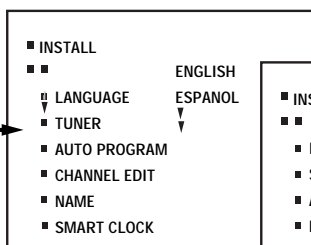
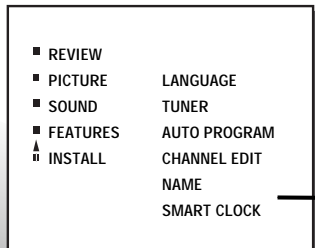
1 Press the MENU button on the remote to show the on-screen menu.

2 Press the CURSOR DOWN button four times to select the INSTALL menu.

3 Press the CURSOR RIGHT button and the menu will shift highlighting the LANGUAGE feature.

4 Press CURSOR RIGHT button to highlight the Language control options.

5 Press the CURSOR UP or DOWN buttons to select ENGLISH, ESPANOL (Spanish), or FRANCAIS (French).



### SMART HELP

Remember, the Language control only makes the TV's on-screen MENU items appear in English, Spanish, or French

text. It does not change the other on-screen text features such as Closed Caption (CC) TV shows.

Pressing the STATUS/EXIT button after making adjustments to the TV will remove the menu from the screen.

STOP

## AUTO PROGRAM

BEGIN

Your TV can automatically set itself for local area (or Cable TV) channels. This makes it easy for you to select only the TV stations in your area when the CHANNEL (+), (-) buttons are pressed.

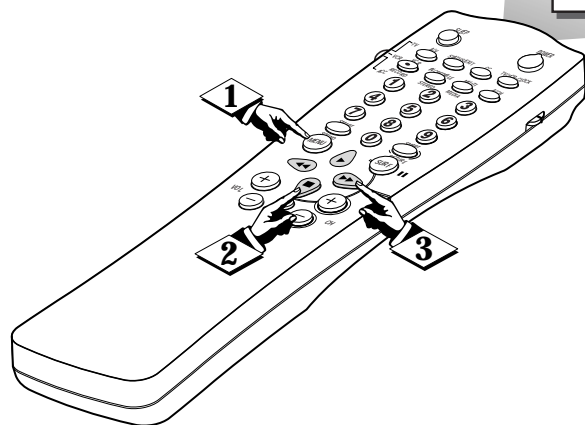
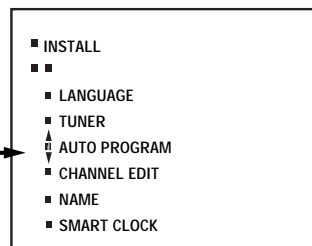
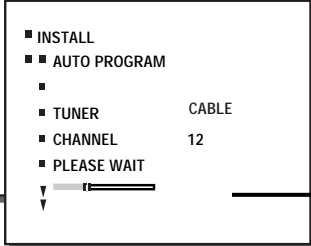
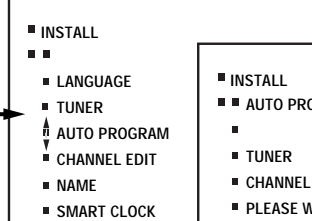
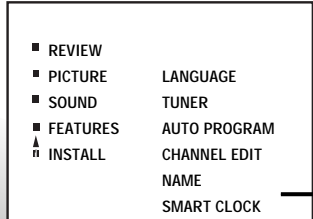
1 Press the MENU button on the remote to show the on-screen menu.

2 Press the CURSOR DOWN button four times to select the INSTALL menu.

3 Press the CURSOR RIGHT button and the menu will shift highlighting the LANGUAGE feature.

4 Press CURSOR DOWN button to highlight the AUTO PROGRAM control.

5 Press the CURSOR RIGHT button to start the Auto Program scanning of channels



### SMART HELP

Try it out. Press the CHANNEL (+), (-) buttons and see which channels you can select.

Remember, an antenna or cable TV signal must be first connected to your TV.

If you want to delete any unwanted channels from the TV's memory, see the CHANNEL EDIT section on the next page.

STOP

## TUNER

BEGIN

You need to make sure the TV is set to pick up either Cable TV or ANtenna signals. In other words, the TV needs to know if you want to receive channels coming from a Cable TV signal or a normal Antenna signal connected to the TV's ANT Input.

1 Press the MENU button on the remote to show the on-screen menu.

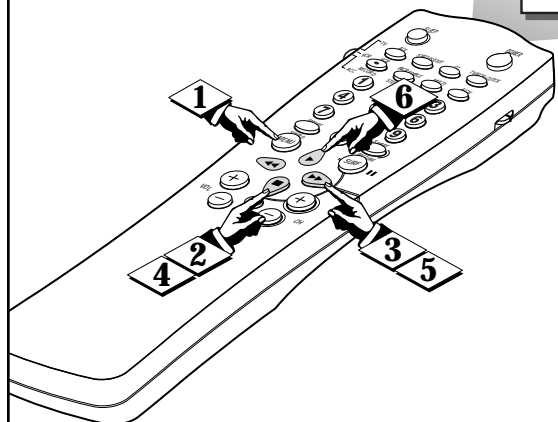
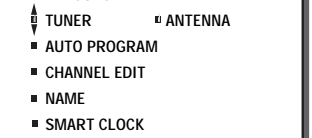
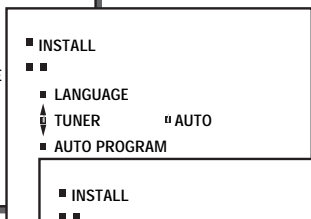
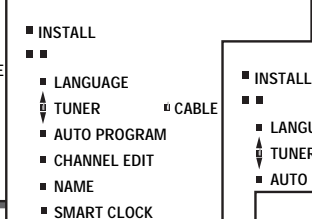
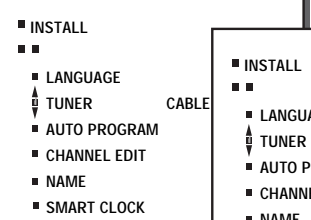
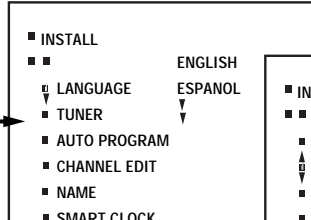
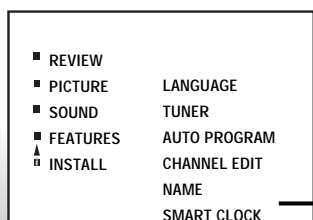
2 Press the CURSOR DOWN button four times to select the INSTALL menu.

3 Press the CURSOR RIGHT button and the menu will shift highlighting the LANGUAGE feature.

5 Press the CURSOR RIGHT button to highlight the TUNER options

4 Press the CURSOR DOWN button to highlight the TUNER control.

6 Press the CURSOR UP or the CURSOR DOWN button to select either CABLE, AUTO or ANTENNA



### SMART HELP

When CABLE is selected, channels 1-125 are available.

When ANTENNA is selected, channels 2-69 are available.

STOP

# HOW TO USE THE INSTALLATION FEATURES

## CHANNEL EDIT

**BEGIN**

**1** Press the **MENU** button on the remote to show the on-screen menu.

**2** Press the **CURSOR DOWN** button four times to select the **INSTALL** menu.

**3** Press the **CURSOR RIGHT** button and the menu will shift highlighting the **LANGUAGE** feature.

**4** Press the **CURSOR DOWN** button to highlight the **CHANNEL EDIT** control.

**5** Press the **CURSOR RIGHT** button to highlight the **CHANNEL EDIT** options.

**6** Select the channel you want to **ADD** or **DELETE** with the **CH (+)** or **(-)** buttons. (OR, use the Number buttons.)

**7** Press the **CURSOR DOWN** button to highlight the **ADD/DELETE** option.

**8** Press the **CURSOR UP** or **DOWN** button to **ADD** or **DELETE** the channel from memory. To clear the screen, press the **STATUS/EXIT** button. **STOP**

## NAME

**BEGIN**

The channel **NAME** feature allows you to list the "call" letters of your favorite stations to their channel numbers when they appear on the screen. The TV has in its memory a list of the 50 most popular channel names (Example: ABC, NBC, FOX, etc.) You can also center a custom name (up to four digits).

**1** Press the **MENU** button on the remote to show the on-screen menu.

**2** Press the **CURSOR DOWN** button four times to select the **INSTALL** menu.

**3** Press the **CURSOR RIGHT** button and the menu will shift highlighting the **LANGUAGE** feature.

**4** Press the **CURSOR DOWN** button to highlight the **NAME** control.

**5** Press the **CURSOR RIGHT** button to highlight the **NAME** options area.

**6** Using the **CURSOR UP** or **DOWN** buttons, scroll through a list of channel names provided in the TV's memory. **OR** You can also enter a channel name manually. Press the **CURSOR RIGHT** button again, then use the **CURSOR UP** and **DOWN** buttons to scroll through a list of options for the first digit. Press the **CURSOR RIGHT** button and repeat for the second, third, and fourth digit.

**7** Once you have selected a name for the channel, press the **MENU** button to **SAVE** the name in the TV's memory. Press the **STATUS/EXIT** button to clear the menu from the screen. **STOP**

## SMART CLOCK

**BEGIN**

**1** Press the **MENU** button on the remote to show the on-screen menu.

**2** Press the **CURSOR DOWN** button four times to select the **INSTALL** menu.

**3** Press the **CURSOR RIGHT** button and the menu will shift highlighting the **LANGUAGE** feature.

**4** Press the **CURSOR DOWN** button to highlight the **SMART CLOCK** control.

**5** Press the **CURSOR RIGHT** button to start the **SMART CLOCK** feature. Just follow the on-screen instructions to set the clock. **STOP**

Smart Clock can automatically set the TV's on-screen clock. Since the time is received from a broadcast signal, be sure that a Cable TV or Antenna signal is present before attempting to use the Smart Clock feature.

Follow these on-screen instructions to set the SmartClock Automatically

Follow these on-screen instructions to set the SmartClock Manually