

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 may not apply to your TV.

ANTENNA

OUTDOOR/INDOOR

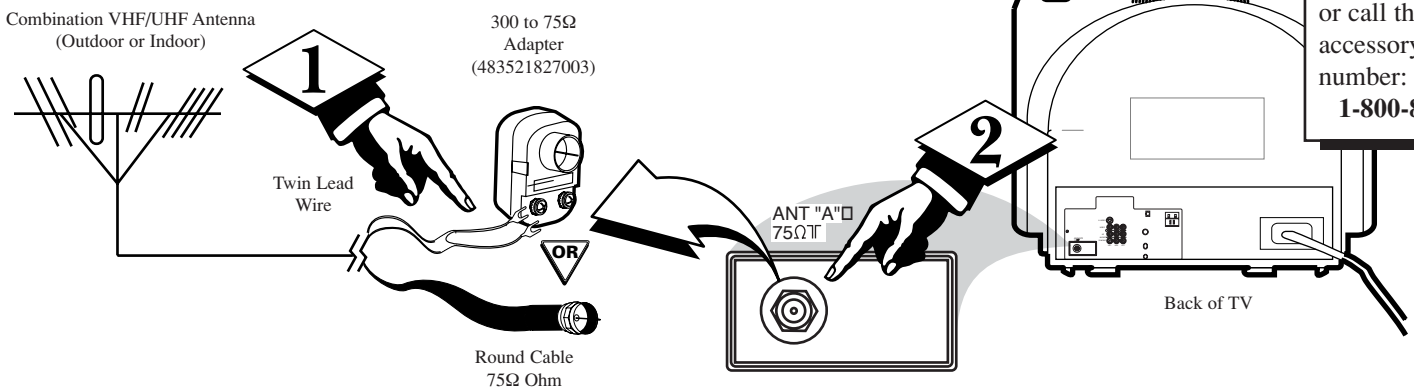
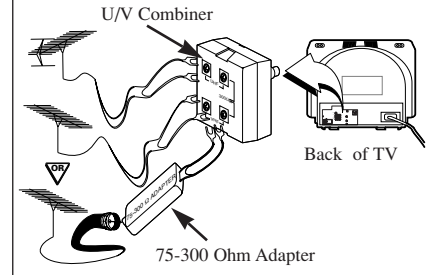
A combination (outdoor or indoor) antenna receives normal broadcast channels 2-13 (VHF) and 14-69 (UHF). Your connection to such an antenna is easy since there is only one antenna plug (75Ω-ohm) on the back of your TV - and that's where the antenna goes.

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.

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" section on page 2 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

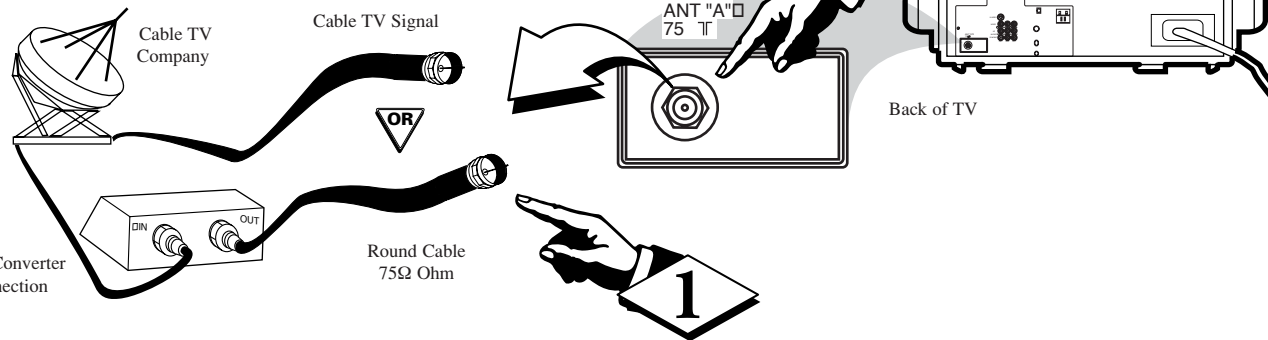
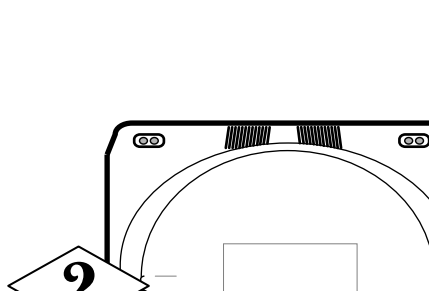
Your Cable TV input into your home may be a single (75 ohm) cable or a Converter Box installation. In either case, the connection to the TV is very easy. Just put the threaded end of the cable signal to the TV's antenna plug and screw it down tight.

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).

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



SMART HELP

Remember, set the TV for the type signal you've just connected (see the "TUNER" section on page 2 of this Set-Up Guide).

Your TV can set itself to select only the channel numbers on your Cable system (see "AUTO PROGRAM" section on page 2). 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

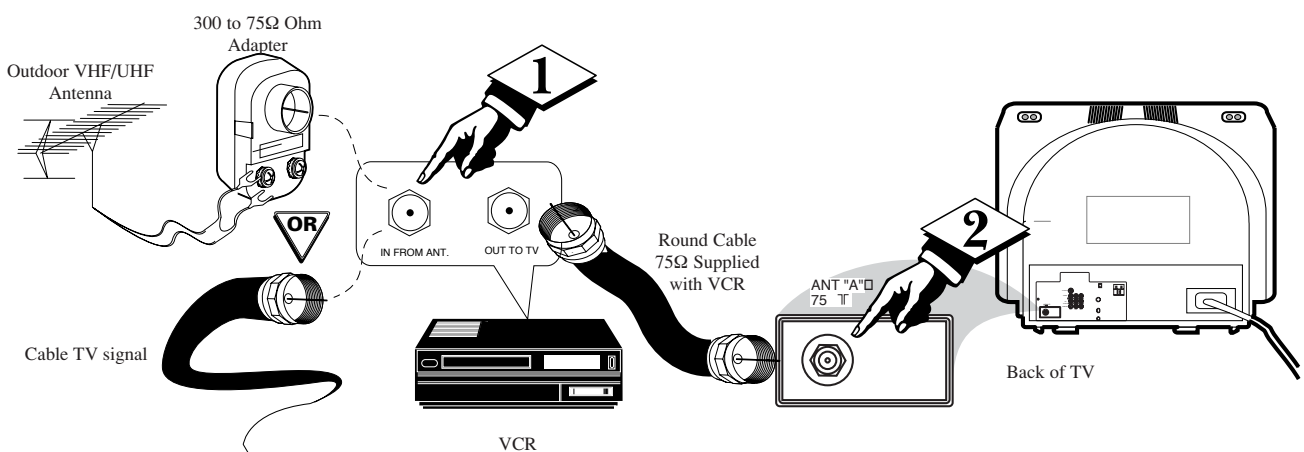
The basic Antenna, or Cable TV, to VCR to TV connection is shown to the right. For more information on other hookups (possible when Cable Converter/Descrambler boxes are included) refer to your accessory VCR and Cable Converter Owner's Manual for details.

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.



HOW TO USE THE INSTALLATION FEATURES

LANGUAGE

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.

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 to shift the menu to the left and highlight the **LANGUAGE** feature.

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

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

STOP

- REVIEW
- PICTURE
- SOUND
- FEATURES
- INSTALL

- LANGUAGE
- TUNER
- AUTO PROGRAM
- CHANNEL EDIT
- NAME
- SMART CLOCK

- INSTALL
- LANGUAGE
- TUNER
- AUTO PROGRAM
- CHANNEL EDIT
- NAME
- SMART CLOCK

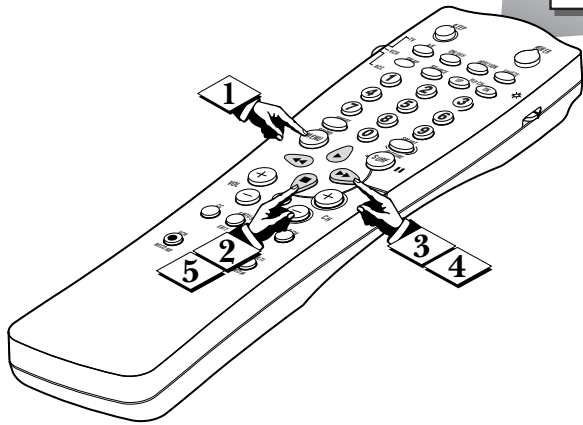
- ENGLISH
- ESPAÑOL

- INSTALAR
- IDIOMA
- SINTONIA
- AUTO PROGRAM
- ED. DE CANAL
- NOMBRE
- SMART CLOCK

- ESPAÑOL
- FRANCAIS

- INSTALL
- LANGUE
- SYNTON
- AUTO PROGRAM
- CHANNEL EDIT
- NOM DU CANAL
- SMART CLOCK

- FRANCAIS



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.

AUTO PROGRAM

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.

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 to shift the menu to the left and highlight the **LANGUAGE** feature.

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

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

STOP

- REVIEW
- PICTURE
- SOUND
- FEATURES
- INSTALL

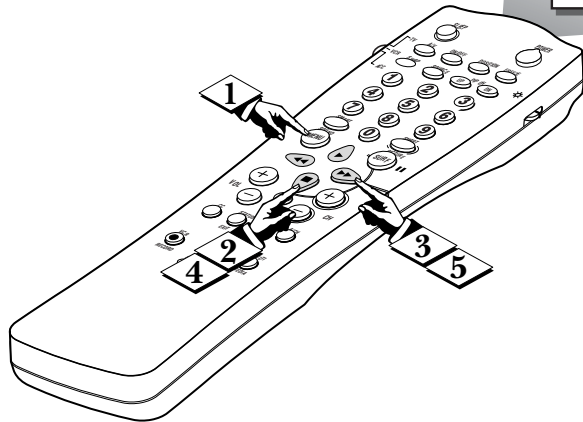
- LANGUAGE
- TUNER
- AUTO PROGRAM
- CHANNEL EDIT
- NAME
- SMART CLOCK

- INSTALL
- LANGUAGE
- TUNER
- AUTO PROGRAM
- CHANNEL EDIT
- NAME
- SMART CLOCK

- INSTALL
- AUTO PROGRAM
- TUNER
- CHANNEL
- PLEASE WAIT

- CABLE
- 12

- INSTALL
- LANGUAGE
- TUNER
- AUTO PROGRAM
- CHANNEL EDIT
- NAME
- SMART CLOCK



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.

TUNER

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.

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 to shift the menu to the left and highlight 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**.

STOP

- REVIEW
- PICTURE
- SOUND
- FEATURES
- INSTALL

- LANGUAGE
- TUNER
- AUTO PROGRAM
- CHANNEL EDIT
- NAME
- SMART CLOCK

- INSTALL
- LANGUAGE
- TUNER
- AUTO PROGRAM
- CHANNEL EDIT
- NAME
- SMART CLOCK

- ENGLISH
- ESPAÑOL

- INSTALL
- LANGUAGE
- TUNER
- AUTO PROGRAM
- CHANNEL EDIT
- NAME
- SMART CLOCK

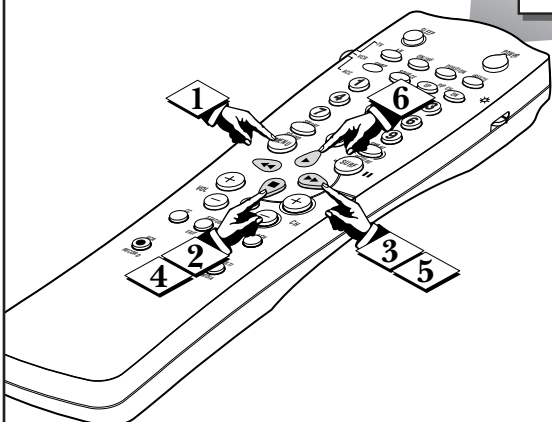
- CABLE

- INSTALL
- LANGUAGE
- TUNER
- AUTO PROGRAM
- CHANNEL EDIT
- NAME
- SMART CLOCK

- CABLE
- AUTO

- INSTALL
- LANGUAGE
- TUNER
- AUTO PROGRAM
- CHANNEL EDIT
- NAME
- SMART CLOCK

- CABLE
- AUTO
- ANTENNA



SMART HELP

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

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

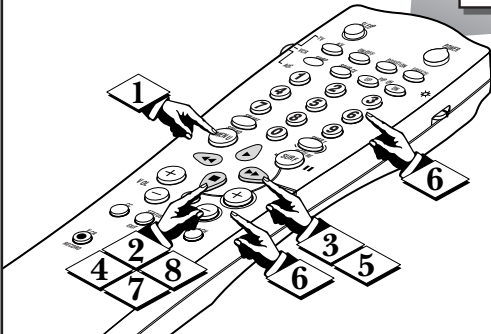
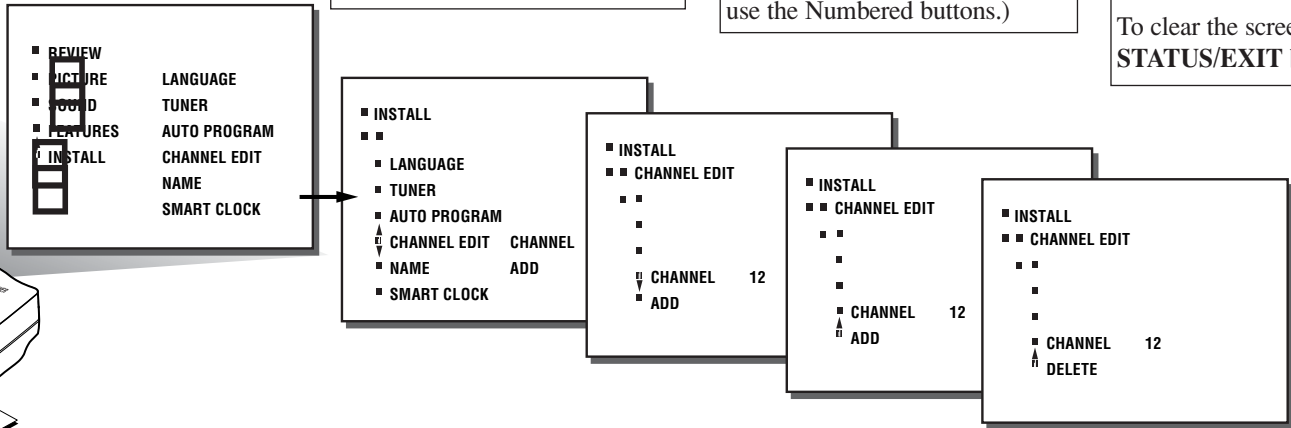
HOW TO USE THE INSTALLATION FEATURES

CHANNEL EDIT

Channel Edit makes it easy for you to ADD or DELETE channels from the list of channels stored in the TV's memory.

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 to shift the menu to the left and highlight the LANGUAGE feature.
- 4 Press the CURSOR DOWN button to highlight the CHANNEL EDIT control.
- 5 Press the CURSOR RIGHT button to access the CHANNEL EDIT menu. CHANNEL will be highlighted.
- 6 Select the channel you want to ADD or DELETE with the CH (+) or (-) buttons. (OR, use the Numbered 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.

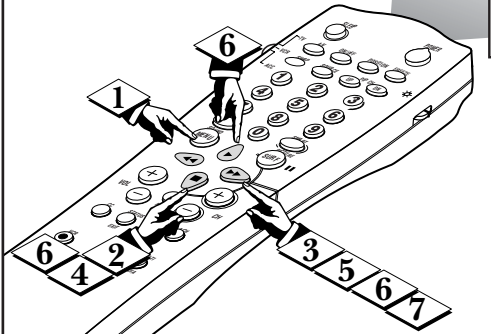
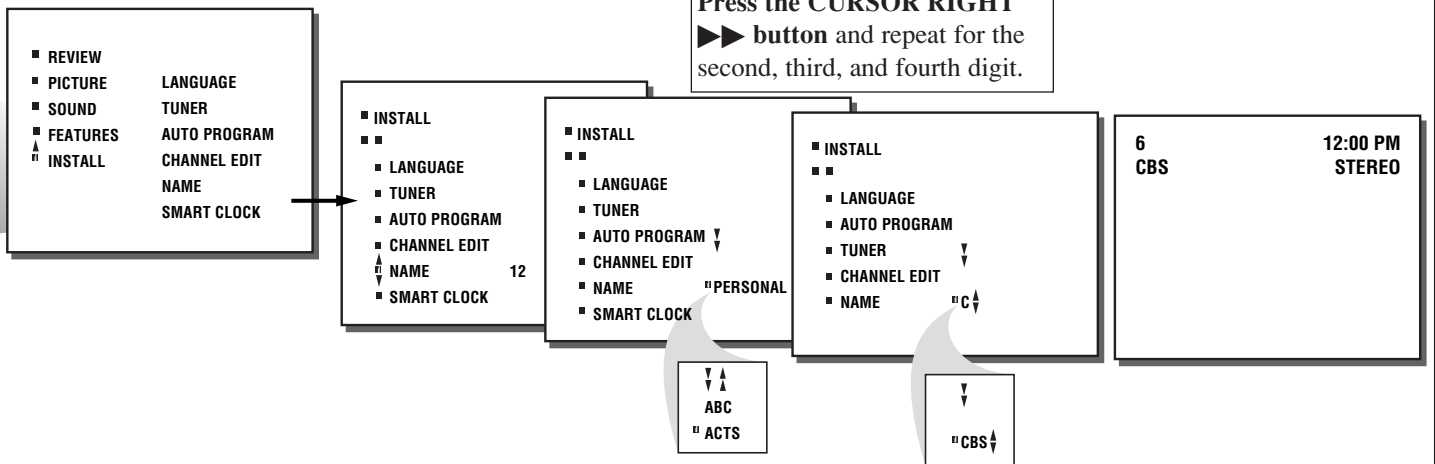


NAME

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

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 to shift the menu to the left and highlight 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 when PERSONAL is highlighted, 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 CURSOR RIGHT button again to SAVE the name in the TV's memory. Press the STATUS/EXIT button to clear the menu from the screen.

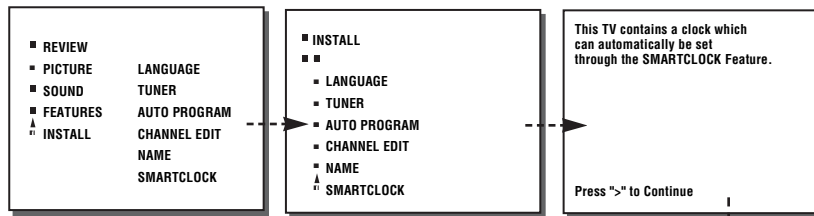


SMARTCLOCK

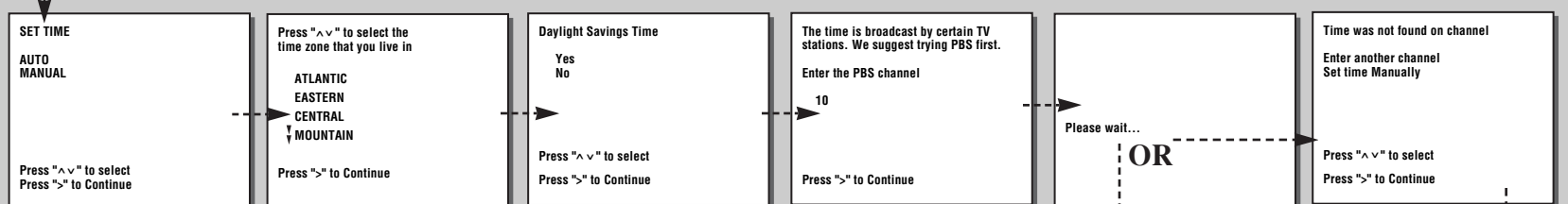
SmartClock can automatically set the TV's on-screen clock. Since the time is received from a broadcast signal, be sure that a Cable TV or Antenna signal is present before attempting to use the SmartClock feature.

BEGIN

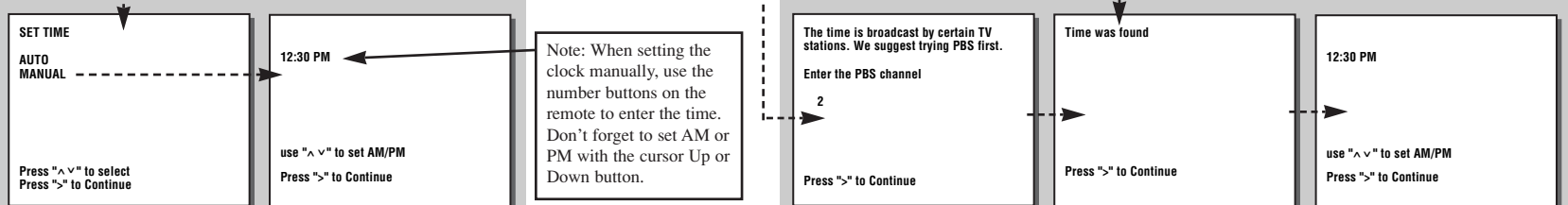
- 1 Press the MENU button on the remote to show the on-screen menu.
- 2 Press the CURSOR DOWN button four times to select the INSTALL menu.
- 3 Press the CURSOR RIGHT button to shift the menu to the left and highlight the LANGUAGE feature.
- 4 Press the CURSOR DOWN button to highlight the SMART CLOCK control.
- 5 Press the CURSOR RIGHT button to start the SMART CLOCK feature. Just follow the on-screen instructions to set the clock.



Follow these on-screen instructions to set the SmartClock Automatically.



Follow these on-screen instructions to set the SmartClock Manually.

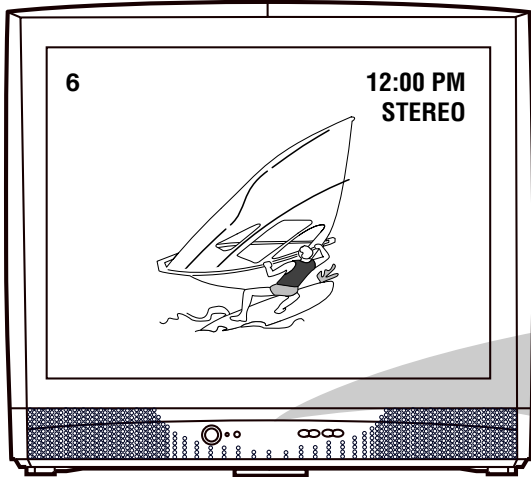


TV AND REMOTE CONTROL OPERATION

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 **DOWN** ▼ button to select TV channels. Use these buttons to make adjustments or selections in the on-screen menu. Note: Always press **two number buttons** on the remote for channels under 100. Press **three number buttons** for 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



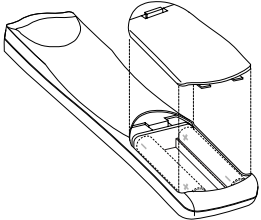
Remote Sensor Window

REMOTE

BATTERY INSTALLATION

To load the supplied batteries into the remote:

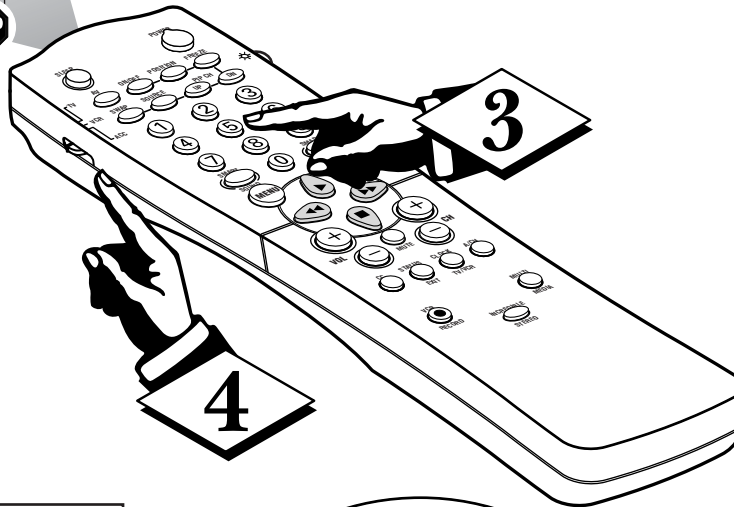
1. Remove the battery compartment lid on the back of the remote.
2. Place the batteries (2-AA) in the remote. Be sure the (+) and (-) ends of the batteries line up correctly (inside of case is marked).
3. Reattach the battery lid.



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, Fast Forward, 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.

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.

TV/VCR/ACC Mode Switch

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

Smart Sound Button

Press to select from a list of Smart Sound settings (factory preset sound control levels set for different types of programming).

Menu Button

Press for the on-screen menu to appear. Pressing the menu button after menu selections are made will either return to a previous menu or remove the menu from the screen.

Cursor Buttons

Use these buttons to move through the on-screen menu, make selections within the menu or 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

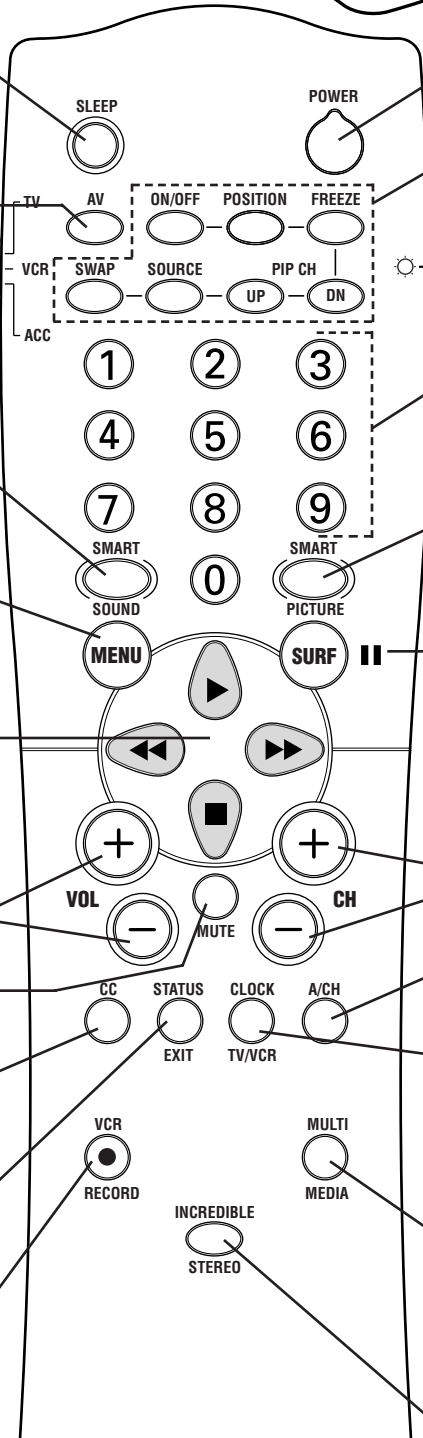
Press to select Closed Caption options within the menu. (Refer to the Owner's Manual for details.)

Status/Exit Button

Press to see the current channel number on the TV screen. Also press to remove the menu from the screen.

VCR-Record Button

When in the VCR mode, press the VCR/RECORD and PLAY buttons to start the



Power Button

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

PIP Buttons

Press to operate Picture-In-Picture features. See "PIP" section in your other owner's manual for details.

Light Button

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

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.

A/CH Button

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

Clock-TV/VCR Button

When in TV mode, press to access 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.

Multi Media Button

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

Incredible Stereo Button

Press to toggle between the Mono and Spatial sound controls (expands the stereo sound for a fuller, more dynamic listening experience). Also press to toggle between STEREO and INCR. SURROUND if a station is broadcasting in stereo.

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.