

TOSHIBA

FILE NO. 020-9711

SERVICE MANUAL

COLOR TELEVISION

N7SS Chassis

TP50G60, TP55G60

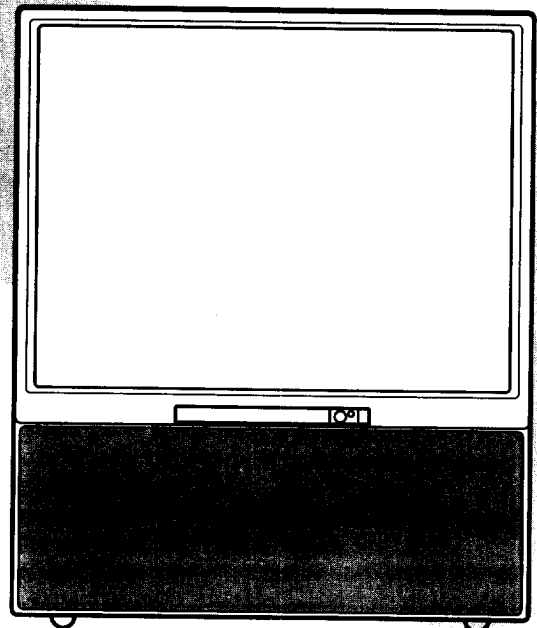
(TAC9750)

(TAC9753)

TP55G65, TP61G60

(TAC9754)

(TAC9755)

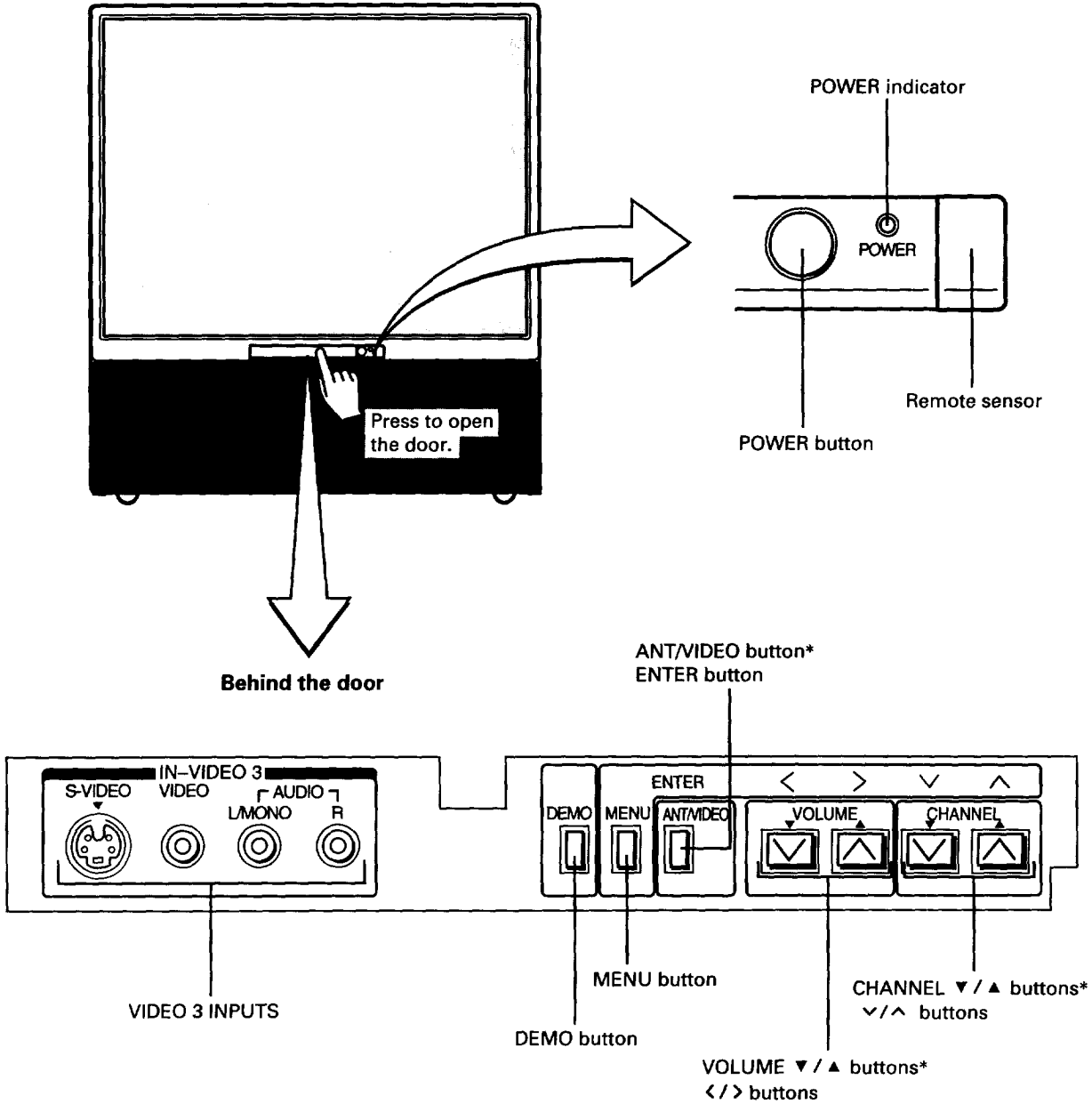


Location of Controls

• The following describes the functions of each part of the TV and the Remote Control.

TV front

Illustrations represent TP55G60.

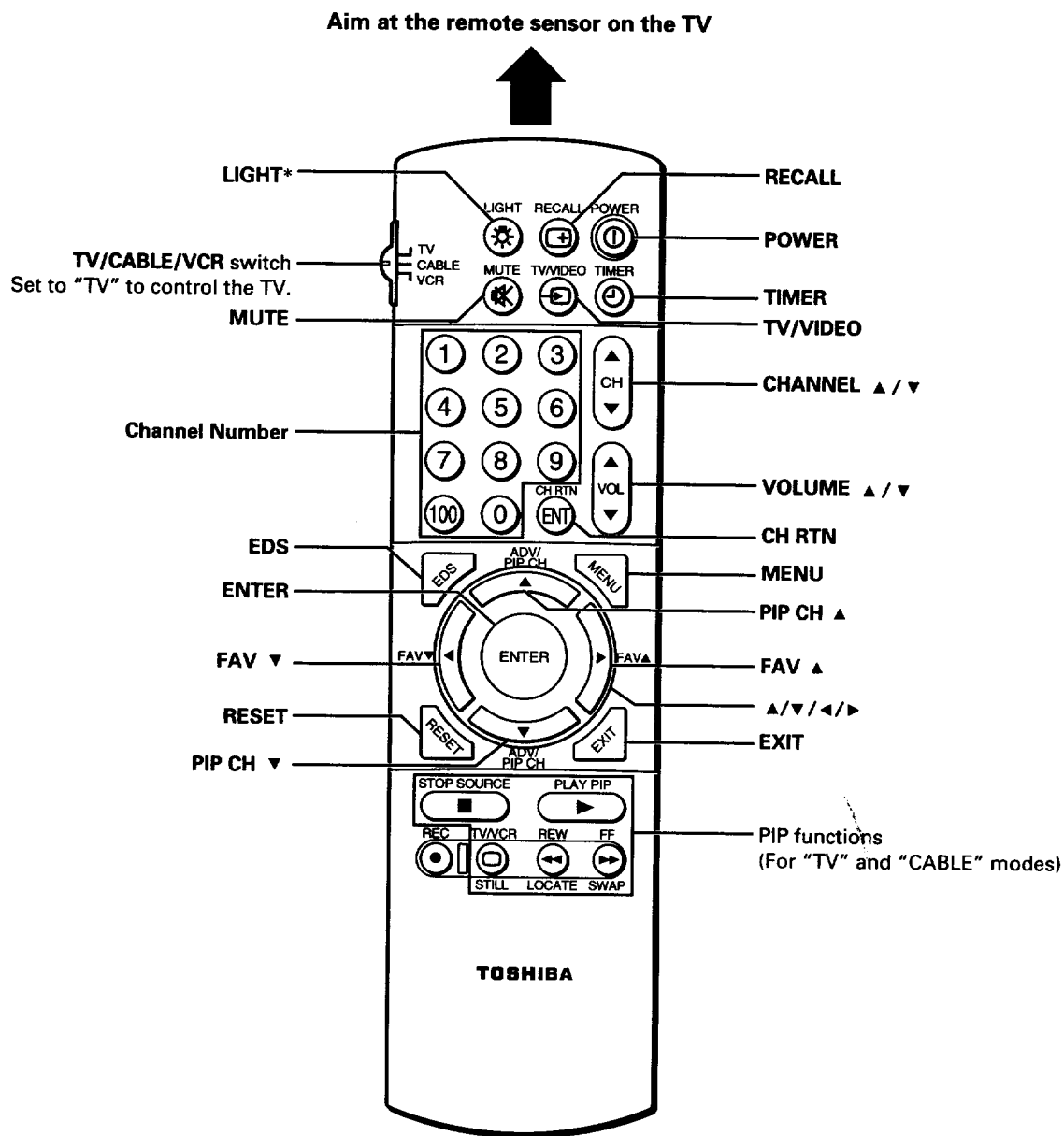


* Dual function buttons

Location of Controls (continued)

Remote Control

Only the buttons used to operate the TV are described here.

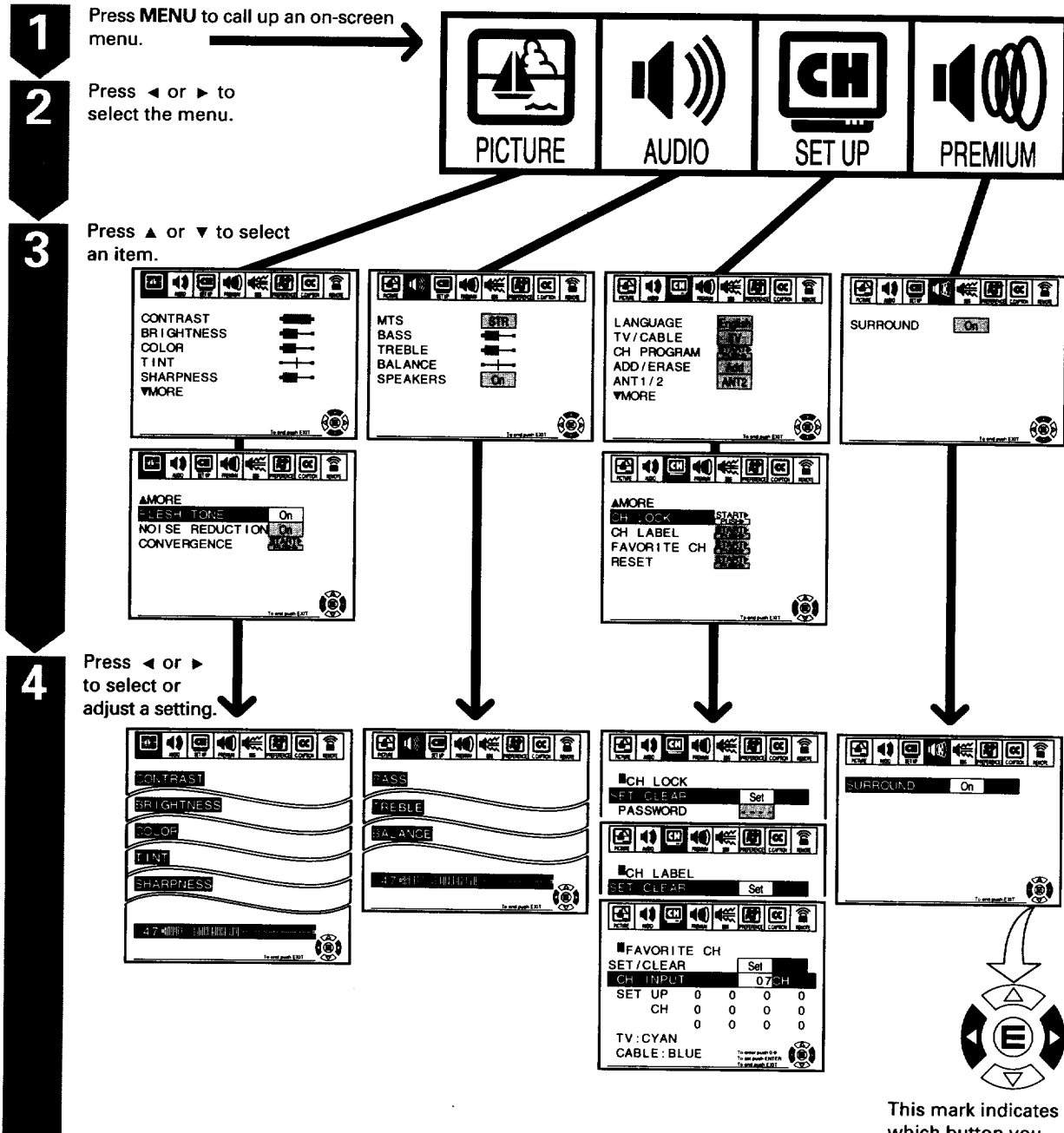


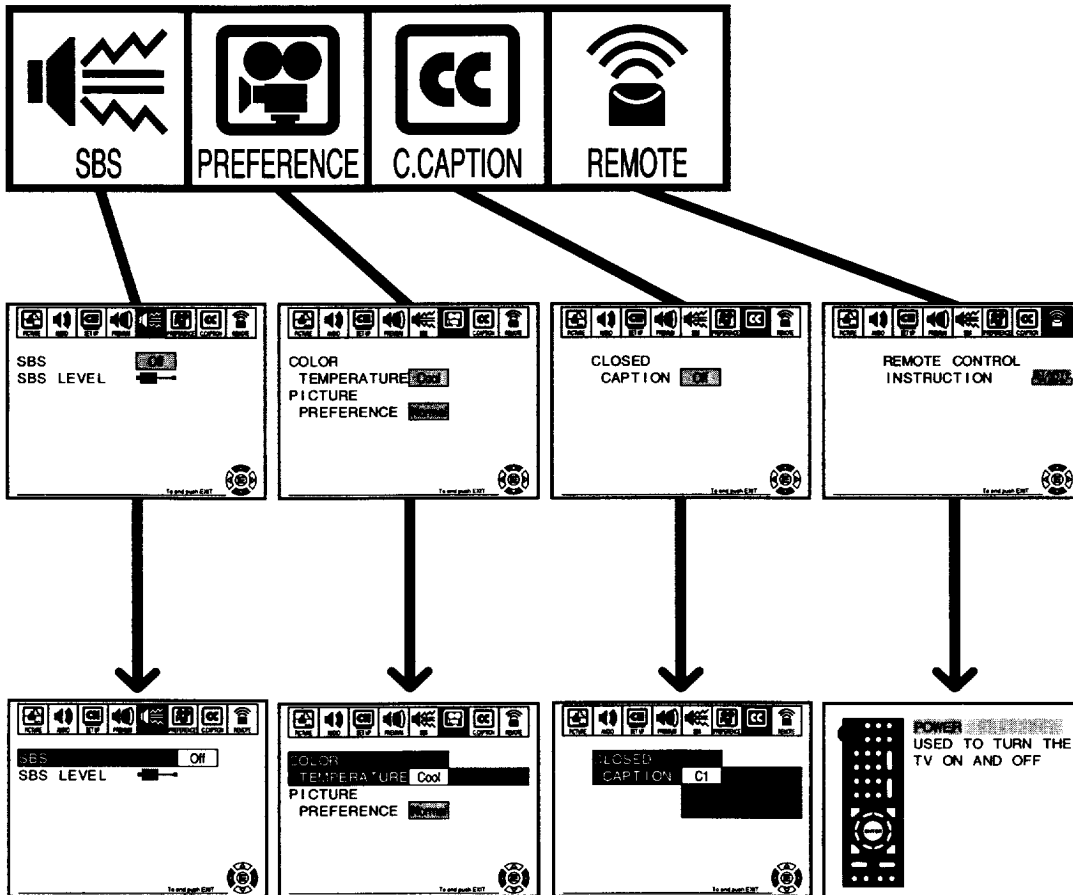
* You can light up these buttons by pushing **LIGHT**.

Menu Function

- We recommend that you familiarize yourself with these procedures for using the Menu function.

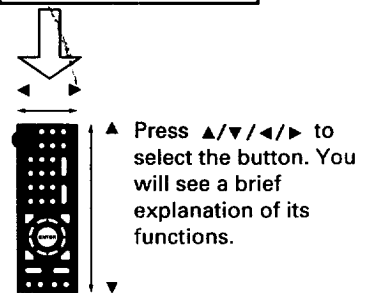
Menus and functions





Notes:

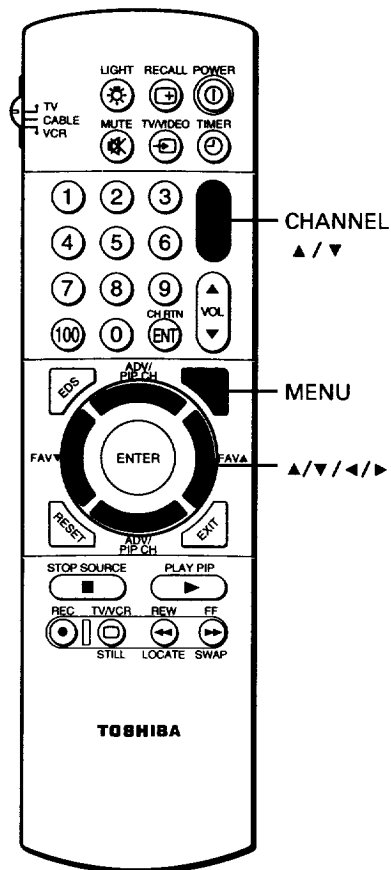
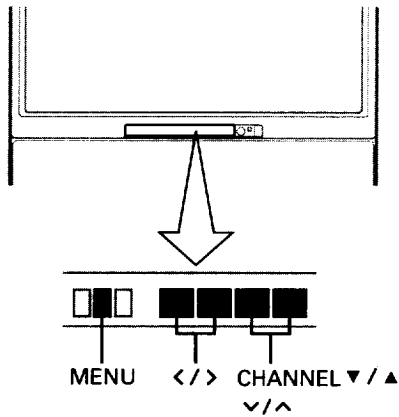
- Use the **ENTER** button to activate the function settings in the SET UP menu after step 4.
- The main menu display will disappear automatically if you do not press a button within 15 seconds, and the other displays will disappear within 6 seconds.
- If you want to close all the on-screen displays instantly, press the **EXIT** button on the Remote Control.
- The **▼/▲** buttons on the TV function as the **CHANNEL** **▼/▲** buttons when no menu display is on the screen.
- The **</>** buttons on the TV function as the **VOLUME** **▼/▲** buttons when no menu display is on the screen.
- The **◀/▶** buttons on the Remote Control function as the **FAV** **▼** and **▲** buttons when no menu display is on the screen.



Programming Channel Memory

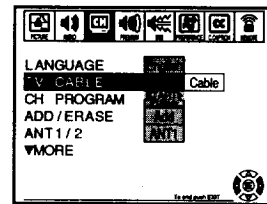
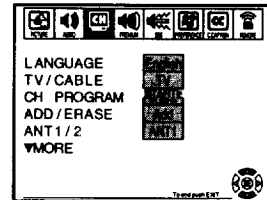
- The channel memory is the list of TV channel numbers the TV tunes in when you press the CHANNEL ▲/▼ button. **First, use the TV/CABLE and CH PROGRAM functions to preset all active channels in your area automatically.** If necessary, arrange the preset channels with the ADD/ERASE function so you tune into only the desired channels.

TV/CABLE and CH PROGRAM functions



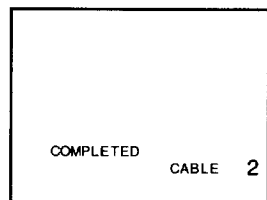
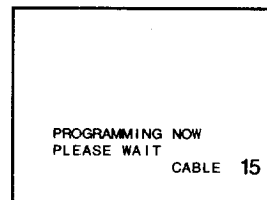
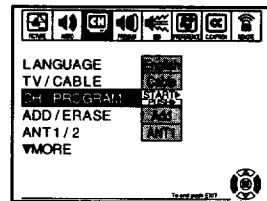
TV/CABLE function

- 1 Press **MENU**, then press ◀ or ▶ until the SET UP menu appears.
- 2 Press ▼ (or ▲) until "TV/CABLE" is highlighted.
- 3 Press ◀ or ▶ to select "TV" or "Cable" whichever you use.

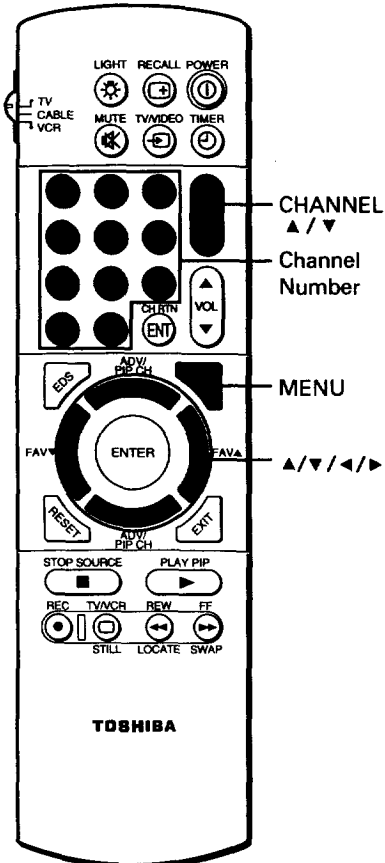
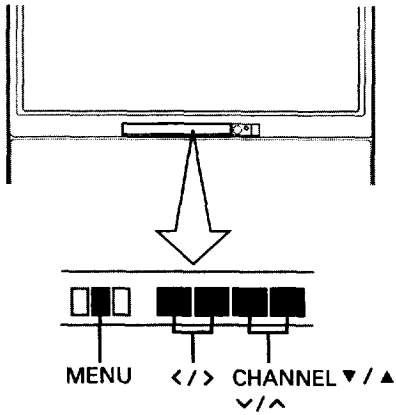


CH PROGRAM function

- 1 Select "CH PROGRAM" following steps 1 and 2 above.
- 2 Press ◀ or ▶ to start channel programming. The TV automatically cycles through all TV or CABLE channels depending on the mode selected, storing received channels in the channel memory.
- 3 When channel programming is complete, the message at the right appears.
- 4 Press **CHANNEL ▲/▼** to make sure channel programming has been done properly.



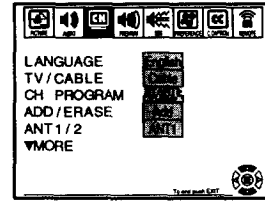
ADD/ERASE function



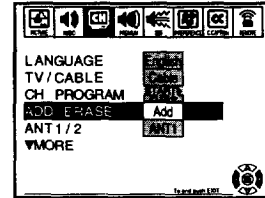
After performing the CH PROGRAM function, you can add or erase specific channels.

1 Select the channel to erase using the **CHANNEL ▲** or **▼** button, or select the channel to add with the **Channel Number** buttons.

2 Press **MENU**, then press **◀** or **▶** until the **SET UP** menu appears.



3 Press **▼** (or **▲**) until **"ADD/ERASE"** is highlighted.



4 Press **◀** or **▶**.

To erase the channel

Press **◀** or **▶** to select **"Erase"**. The channel will be erased from the memory.

To add the channel

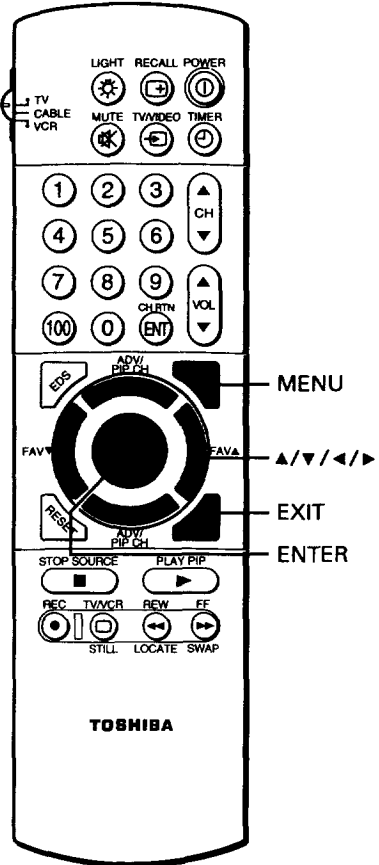
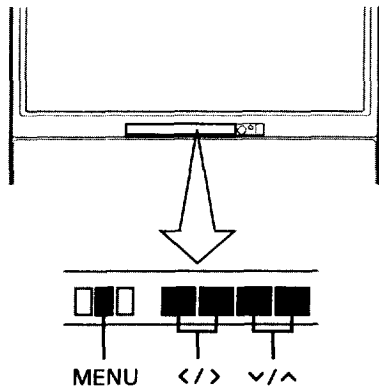
Press **◀** or **▶** to select **"Add"**. The channel will be memorized.

5 Repeat steps 1 through 4 for other channels.

Aligning the colors

- This projection TV uses three separate TV tubes: a red one, a green one, and a blue one. The red, green and blue images are projected onto the screen where they converge to form a full color picture. You can see a clear picture only when they converge correctly.
- Your dealer should adjust the color convergence when your TV is delivered. However, convergence may drift over time or if you move the TV. If you can see clear images on the screen, skip this procedure.

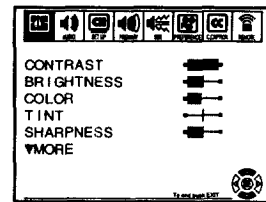
To align the colors



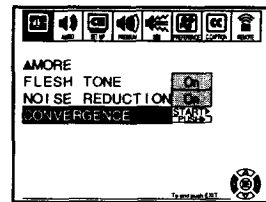
This adjustment should be made after the TV has been on for at least 30 minutes.

To check and align the colors

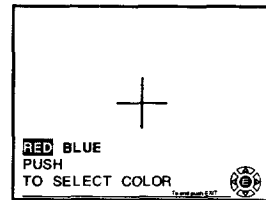
- 1 Press **MENU**, then press **◀** or **▶** until the **PICTURE** menu appears.



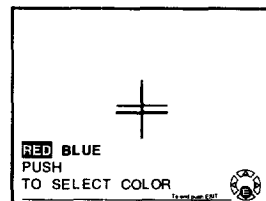
- 2 Press **▲** (or **▼**) until **"CONVERGENCE"** is highlighted.



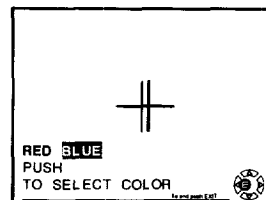
- 3 Press **◀** or **▶** to display the **CONVERGENCE** menu. If alignment is correct, there will be one vertical and one horizontal white line.



- 4 If you see separate colored lines, you have to align the colors. Press **ENTER** to select **"RED"** or **"BLUE."** The selected mode is highlighted.



- 5 Press the **"▲** (up)", **"▼** (down)", **"◀** (left)" and **"▶** (right)" buttons to converge the red or blue line into the green line. When color convergence is correctly adjusted, you will see two single white lines.



- 6 Press **EXIT** to close the **CONVERGENCE** menu.