



Color Television OWNER'S MANUAL

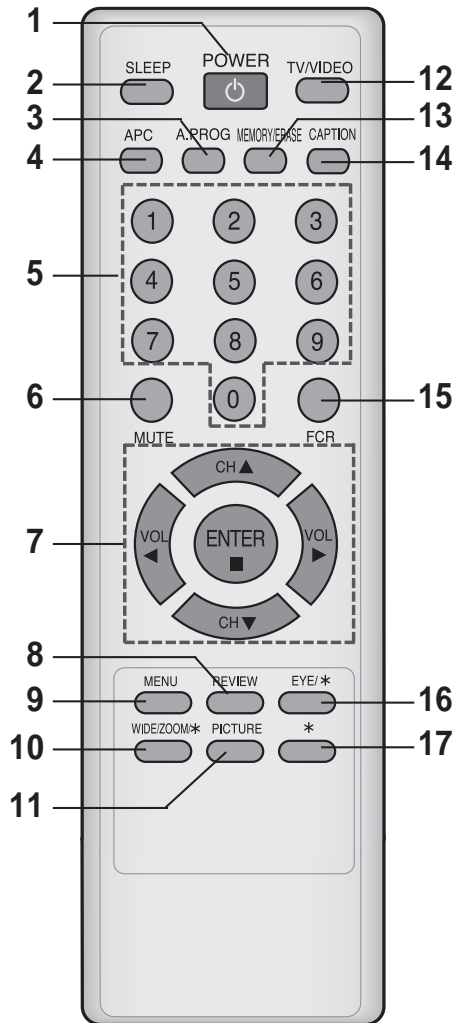
Please read this manual carefully before operating your set.
Retain it for future reference.
Record model number and serial number of the set.
See the label attached on the back cover and quote this
information to your dealer when you require service.

Internet Home Page : <http://www.lge.com>

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Description of controls



some models

1. **POWER BUTTON (or ON/OFF)**
Refer to "Turning on/off the TV".
2. **SLEEP BUTTON**
To set the desired sleep time.
3. **A. PRGO (Auto program) BUTTON (some models)**
To memorize channels by AUTO PROGRAM.
4. **APC (Auto Picture Control) BUTTON**
To adjust the factory preset pictures corresponding to the lighting around.
5. **NUMBER BUTTONS (some models)**
To select the desired channel directly.
6. **MUTE BUTTON**
To mute the sound. Again to restore the muted sound.
7. **CH UP/DOWN (▲/▼) BUTTONS**
 - To select the desired channel.
 - To select the desired menu item when menu is displayed on the screen.
8. **VOLUME UP/DOWN (◀/▶) BUTTONS**
 - To increase or decrease volume level.
 - To enter or adjust the selected menu when menu is displayed on the screen.
9. **ENTER (■) BUTTON**
 - To exit from the displayed menu.
 - To memorize the adjusted menu.
 - To recall the current TV mode (by remote control only).
10. **REVIEW BUTTON (some models)**
To return to the previous channel.
11. **MENU BUTTON**
To display on screen menus.
12. **WIDE/ZOOM/* BUTTON (some models)**
To select the desired picture format (4:3, 16:9 or ZOOM).
*: No function.
13. **PICTURE BUTTON**
To display picture modes one by one.
14. **TV/VIDEO BUTTON**
To select TV, VIDEO or COMPONENT mode.
15. **MEMORY/ERASE BUTTON (some models)**
To memorize or erase the desired channel.
16. **CAPTION BUTTON (some models)**
To select the CAPTION mode.
Refer to "Closed caption function".
17. **FCR (Favorite Channel Review) BUTTON**
To select the favorite channel.
Refer to "Favorite channel memory".
18. **EYE/* BUTTON (some models)**
To switch on or off eye picture.
Refer to "Enjoying the Eye Function".
19. *: No function.

Fitting Batteries in the Remote Control Unit

- Open the battery compartment cover on the back side and insert the batteries with correct polarity.
- Apply two 1.5V batteries of AAA type. Don't mix the used batteries with new batteries.

Description of controls (front pane)

- **POWER BUTTON (or ON/OFF)**
Refer to "Turning on/off the TV".
- **REMOTE CONTROL SENSOR**
- **STAND BY INDICATOR**
Illuminates red when the TV is in standby mode. Refer to "Turning on/off the TV".
- **TV/VIDEO BUTTON**
To select TV, VIDEO or COMPONENT mode.
- **MENU BUTTON**
To display on-screen.
- **CHANNEL UP/DOWN (▲/▼) BUTTONS**
 - To select the desired channel.
 - To select the desired menu item when menu is displayed on the screen.
- **VOLUME UP/DOWN (◀/▶) BUTTONS**
 - To increase or decrease volume level.
 - To enter or adjust the selected menu when menu is displayed on the screen.
- **ENTER (■) BUTTON**
 - To exit from the displayed menu.
 - To memorize the adjusted menu.
 - To recall the current TV mode (by remote control only).

Connection of external equipment (some models)

You can connect additional equipment, such as VCRs, camcorders etc. to your set. Here shown may be somewhat different from your set. These are an example drawing of typical jack layout.



IN JACKS (some models) :Connect external equipment outputs (VCR, LASER DISC, CAMCORDER) to these inputs. Press the **TV/VIDEO** button to select **VIDEO** or **VIDEO** 1.

Note:This TV is programmed to remember which mode it was last set to, even if you turn the TV off.

Antenna Connections

Connecting an Outdoor Antenna

For the best reception, we recommend you use an outdoor antenna. Severely weathered antennas and antenna cables can reduce the signal quality. Before connecting it, necessarily inspect them. Any service center can explain the various outdoor antennas available to you.

Connecting a CATV Cable

If you subscribe to a CATV system, change the antenna connection as described below.

1. Remove the 300 to 75 ohm adapter or the cable from the set if attached.
2. Connect the CATV cable (75 ohm coaxial cable) to the antenna jack.

Basic TV operation

Before operating your TV, make sure the following instructions have been completed.

- Your TV has been connected to an antenna or a cable system.
- Your TV has been plugged in a power outlet.
- In this manual, the OSD (On Screen Display) may be different from your TV's because it is just an example to help you with the TV operation.

Turning on/off the TV

Press the **POWER** (or **ON/OFF**) button on the set. At this time, the set switches to standby mode and the standby indicator lights up in red.

To switch the TV on from standby mode, press the TV/VIDEO, CH ▲/▼ button on the set or POWER, TV/VIDEO, CH ▲/▼ or number button on the remote control.

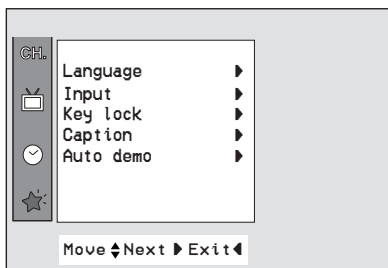
A channel number will be displayed on the screen. The on-screen display will disappear after a few seconds.

Press the **POWER** button on the remote control. It reverts to standby mode.

To switch the TV off, press the **POWER** button on the set.

Selecting the on screen language

1. Press the **MENU** button and then ▲ / ▼ button until the menu is displayed.



2. Press the ▶ and then ▲ / ▼ button to select **Language**.
3. Press the ▶ and then use ▲ / ▼ button to select the desired language. From this point on, the on-screen display will be presented in the language of your choice.
4. Repeatedly press the **MENU** button to exit.

Memorizing Channels

This is the function to memorize all the active channels in your area before you can use the TV. There are two ways of memorizing channels. You can use either.

One is called **AUTO PROGRAM** and the other is called **MANUAL PROGRAM**.

In **AUTO PROGRAM** the TV will memorize the channels in ascending order. If there are additional channels you want to add or delete, you can manually add or delete those channels. number buttons (0 ~ 9) to change as .

Memorizing the Channels by AUTO PROGRAM

AUTO PROGRAM searches and memorizes all the active channels in your area then you can select the desired channel with the ▲/▼ buttons.

Using the A.PROG button

You can conveniently perform AUTO PROGRAM using the **AUTOPRG.** button on the remote control.

1. Press the **AUTOPRG.** button.
2. Press the ▶ or **AUTOPRG.** button.
The AUTO PROGRAM starts now.

If you want to stop auto programming, press the **ENTER (■)** button.

Only the channels searched up to that time are memorized.

Notes : • If the programmed signal has poor quality, memorize again in the **Auto prog.**

- AUTO PROGRAM stores all receivable channels regardless of receiving signal (RF, Cable).
- If channels of general wireless TV and cable TV are duplicated, press the number buttons (0 ~ 9) to change as .

Channels of general wireless TV ◀▶ Channels of Cable TV

Using the MENU button

1. Press the **MENU** button and then ▲ / ▼ button until the menu is displayed as shown right.
2. Press the ▶ and then ▲ / ▼ button to select **Auto prog.**
3. Press the ▶ button to enter the **Auto prog.** mode.
4. The AUTO PROGRAM starts now.

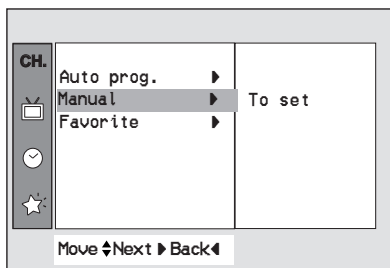
Memorizing the Channels by MANUAL PROGRAM

Using the MEMORY/ERASE button

You can conveniently perform MANUAL PROGRAM using the **MEMORY / ERASE** button on the remote control.

1. Press the ▲ / ▼ or NUMBER buttons to select the channel number you want to memorize or erase.
2. Press the **MEMORY/ERASE** button to select **Memory** or **Erase**.

The on screen display appears.



Using the MENU

1. Press the **MENU** button and then ▲ / ▼ button until the menu is displayed as shown right.
2. Press the ► and then use ▲ / ▼ button to select **Manual**.
3. Press the ► button and then use ▲ / ▼ button to select **Channel**.
4. Press the ► button and then use ▲ / ▼ button to select the channel number you want to memorize or erase.
5. Press the ◀ button and then use ▲ / ▼ button to select **Memory**.
6. Press the ► button and then ▲ / ▼ to select **On** or **Off**.
7. Repeatedly press the **MENU** button to exit.

Selecting the Channel

Press the ▲ / ▼ button to conveniently select the upper or lower channel then the channel being viewed, or **NUMBER** buttons to directly select the desired channel.

Adjusting the Volume

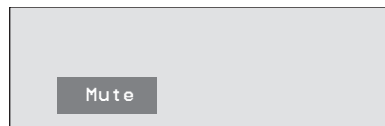
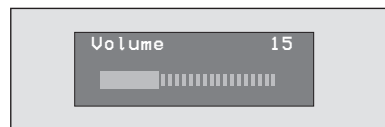
Press the ► button to increase the volume level or ◀ button to decrease the volume level.

To mute the sound, Press the **MUTE** button.

The word **Mute** is displayed.

It's convenient when you get the telephone calls.

To restore the muted sound, press the **MUTE** button again or **VOL** ◀ / ► button.

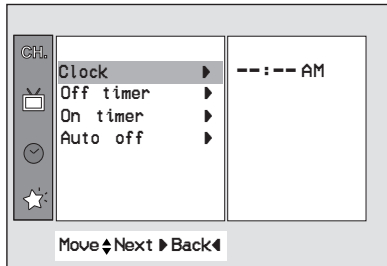


Various function

Setting the Clock

Before setting the on/off timer, first you should set the current time.

1. Press the **MENU** button and then **▲/▼** button until the menu is displayed as shown right.
2. Press the **▶** and then **▲/▼** button to select **Clock**.



3. Press the **▶** button and then press the **▲/▼** button to adjust the hour.
4. Press the **▶** button and then press the **▲/▼** button to adjust the minute.
5. Repeatedly press the **MENU** button to exit.

Setting the Off Timer

This is the function to automatically switch the TV to standby mode at a preset time.

1. Press the **MENU** button and then **▲/▼** button until the menu is displayed as shown right.
2. Press the **▶** and then **▲/▼** button to select **Off timer**.
3. Press the **▶** button and then press the **▲/▼** button to adjust the hour.
4. Press the **▶** button and then press the **▲/▼** button to adjust the minute.
5. **On/Off** is used to activate or deactivate preset on/off times.
Press the **▶** and then **▲/▼** button to select **Off** or **On**.
6. Repeatedly press the **MENU** button to exit.

Note: If the same time is set for the on time and off time, only the off time operates.

Setting the On Timer

This is the function to automatically turn the TV on at a preset time and channel.

1. Press the **MENU** button and then **▲/▼** button until the menu is displayed as shown right.
2. Press the **▶** and then **▲/▼** button to select **On timer**.

3. Press the **▶** and then use **▲/▼** button to adjust the hour.
4. Press the **▶** and then use **▲/▼** button to adjust the minute.
5. Press the **▶** and then use **▲/▼** button to select the desired channel among the memorized channels in auto program.
6. Press the **▶** and then use **▲/▼** button to adjust the desired volume level.
7. **On/Off** is used to activate or deactivate preset on/off times.
Press the **▶** button and then use **▲/▼** button to select **Off** or **On**.
8. Repeatedly press the **MENU** button to exit.

Notes:

- If you don't press any button within 2 hours after turning on the TV set by ON TIMER function, the set will be automatically switched back to standby mode.
- TV must be in standby mode for the On timer to work.

Setting the Sleep Time

You don't have to remember to switch the TV to standby mode before you go to sleep. The sleep timer automatically turns the TV off after the preset time elapses.

Press the **SLEEP** button to select the desired sleep time.

Each time you press this button, the sleep time is displayed one by one as shown below. The timer begins to count down from the number of minutes selected.



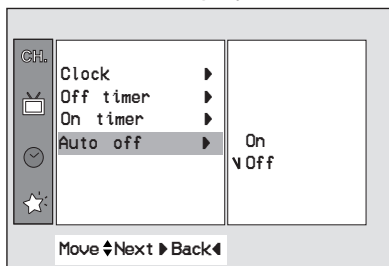
Notes:

- After a few seconds, the desired sleep time will disappear and be operated automatically.
- To view the remaining sleep time, press the **SLEEP** button once and the remaining sleep time will be displayed.
- To cancel the sleep time, select the **Sleep ---** mode by using the **SLEEP** button.

Auto Off

If there is no input signal, the TV is switched to standby mode automatically in 10 minutes.

1. Press the **MENU** button and then ▲ / ▼ button the until the menu is displayed.



2. Press the ► and then ▲ / ▼ button to select **Auto off**.
3. Press the ► and then ▲ / ▼ button to select **On** or **Off**.
4. Repeatedly press the **MENU** button to exit.

Key Lock

The TV can be set so that the remote control is needed to control it.

This feature can be used to prevent unauthorized viewing.

1. Press the **MENU** button and then ▲ / ▼ button the until the men.
2. Press the ► and then ▲ / ▼ button to select **Key lock**.
3. Press the ► button and then ▲ / ▼ button to select **On** or **Off**.
4. Repeatedly press the **MENU** button to exit.

- Notes :**
- With the key lock on, the display **Key lock** appears on the screen if any button on the front panel is pressed while viewing the TV.
 - This programmed to remember which option it was last set to even if you switch the TV from standby mode.

Auto Demonstration (some models)

Auto demonstration allows you to review all the menus programmed in the TV set.

1. Press the **MENU** button and then ▲ / ▼ button the until the menu is displayed as shown right.
2. Press the ► and then ▲ / ▼ button to select **Auto demo**.

3. Press the ► button, and the demonstration starts.

When the demonstration reaches the last display, it starts again from the beginning.

To stop auto demonstration, press any button.

Favorite channel memory

Favorite channel memory is a convenient feature that lets you quickly scan up to five channels of your choice without having to wait for the TV to scan through all the in-between channels.

1. Press the **MENU** button and then ▲ / ▼ button the until the menu is displayed as shown right.
2. Press the ► and then ▲ / ▼ button to select **Favorite**.
3. Press the ► button and then use ▲ / ▼ button to select a favorite channel position.
4. Use the ◀ / ▶ button to select the desired channel number.
5. Repeat steps 3 to 4.
6. Repeatedly press the **MENU** button to exit.

To select the favorite channel, repeatedly press the **FCR** (Favorite Channel Review) button. Eight channels programmed appear on the screen one by one.

Adjusting the Fine

This function is to adjust the picture to stable condition when it is poor, for example, a horizontal stripe, twisted picture or no color in broad-casting.

1. Press the **MENU** button and then ▲ / ▼ button the until the menu is displayed as shown right.
2. Press the ► and then ▲ / ▼ button to select **Manual**.
3. Press the ► and then ▲ / ▼ button to select **Fine**.
4. Press the ► button to enter the **Fine** mode.
5. Press the ◀ / ▶ button to tune the desired picture condition.
6. Press the **ENTER** (■) button to memorize.
7. Repeatedly press the **MENU** button to exit.

- Notes :**
- To release the memorized fine tuning, program again the fine-tuned channel by **AUTO PROGRAM** or **MANUAL PROGRAM**.
 - If the finely tuned channel is memorized, the color of the channel number changes to yellow.

Picture control

Auto Picture Control

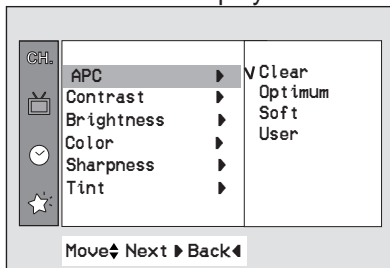
You can select picture modes programmed at factory as you prefer.

Using the APC button

1. Press the **APC** button.
2. Press the **APC** button to select **Clear**, **Optimum**, **Soft** or **User**.
3. Press the **ENTER(■)** button to exit.

Using the MENU button

1. Press the **MENU** button and then **▲/▼** button the until the menu is displayed .



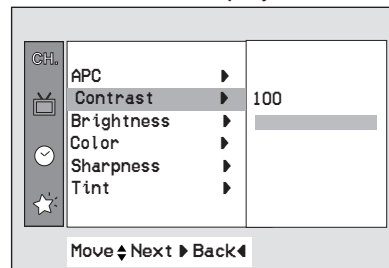
2. Press the **▶** and then **▲/▼** button to select **APC**.
3. Press the **▶** button to enter the **APC** mode.
4. Press the **▲/▼** button to select **Magic eye**(some models), **Clear**, **Optimum**, **Soft** or **User**.
5. Repeatedly press the **MENU** button to exit.

Adjusting the Picture

This is the function to manually adjust the desired picture levels (**Contrast**, **Brightness**, **Color**, **Sharpness**, **Tint**) of the screen as you like. If the picture you set is not satisfactory, you can select a factory preset picture. In the broadcasting system PAL-M/N, the picture item **Tint** is not displayed.

1. Press the **MENU** button and then **▲/▼** button

the until the menu is displayed.



2. Press the **▶** and then **▲/▼** button to select the desired picture mode.
3. Press the **▶** button.
4. Press the **◀/▶** button to adjust the level. The level of displayed is adjusted.
5. Repeatedly press the **MENU** button to exit.

Closed caption function (some models)

Closed captioning is a process which converts the audio portion of a television program into written words, which then appear on the television screen in a form similar to subtitles. Closed captions allow viewers to read the dialogue and narration of television programs.

Using Closed Captions

Captions are the subtitles of the dialogue and narration of television programs. For prerecorded programs, program dialogue can be arranged into captions in advance. It's possible to caption a live program by using a process called "real-time captioning", which creates captions instantly. Real-time captioning is normally done by professional reporters using a machine shorthand system and computer for translation into English. Captioning is an effective system for the hearing-impaired, and it can also aid in teaching language skills.

Caption Tips

- Not all TV broadcasts include closed caption signals.
- Sometimes TV stations broadcast two different caption signals on the same channel. By selecting MODE 1 or MODE 2, you can choose which signal you view. MODE 1 is usually the signal with the captions, while MODE 2 might show demonstration or programming information.
- Your TV might not receive caption signals normally in the following situations.
 1. Poor reception conditions are encountered:
 - **IGNITION:**
Picture may flutter, drift, suffer from black spots or horizontal streaking. Usually caused by interference from automobile ignition systems, neon lamps, electrical drills and other electrical appliances.
 - **GHOSTS:**
Ghosts are caused when the TV signal splits and follows two paths. One is the direct path and the other is reflected off tall buildings, hills or other objects. Changing the direction or position of the antenna may improve reception.
 - **SNOW:**
If your receiver is located at the weak, fringe

area of a TV signal, your picture may be marred by small dots. It may be necessary to install a special antenna to improve the picture.

2. An old, bad or illegally recorded tape is played.
3. Strong, random signals from a car or airplane interfere with the TV signal.
4. The signal from the antenna is weak.
5. The program wasn't captioned when it was produced, transmitted or taped.

Using the Text Function

Text services give a wide variety of information on all kind of subjects (ex. captioned program lists, weather forecasts, stock exchange topics, news for hearing-impaired---) through the full TV screen. But not all stations offer text services, even though they might offer captioning.

Note: In the event you receive a poor signal, an empty black box may appear and disappear, even when the text mode is selected. This is normal function in such an event.

Operating the Caption and Text

Using the CAPTION button

1. Press the **CAPTION** button.
2. Press the **CAPTION** button to select **OFF**, **Mode 1**, **Mode 2**, **Text 1** or **Text 2**.
3. Press the **ENTER** (■) button to exit.

Using the MENU button

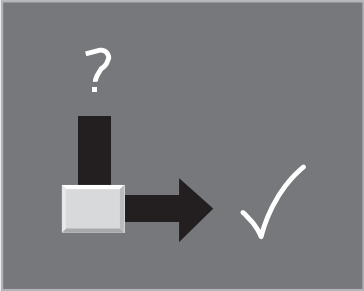
1. Press the **MENU** button and then use ▲ / ▼ button to select the Special menu.
2. Press the ► and then ▲/▼ button to select **Caption**.
3. Press the ► button and then use ▲/▼ button to select **Off**, **Mode 1**, **Mode 2**, **Text 1** or **Text 2**.
4. Repeatedly press the **MENU** button to exit.

Note: This TV is programmed to remember which mode it was last set to, even if you turn the TV off.

Troubleshooting check list

SYMPTOMS

- No power
- No picture or sound
- Poor picture but good sound
- Poor reception
- Lines in picture
- Ghosts (multiple images)
- Remote control does not work.
- Cannot tune desired channel.



CHECK THESE THINGS

- Is power cord plugged in?
- Is television turned on?
- Check batteries in remote control.
- Try another channel (station trouble).
- Check antenna connectings.
- Check for local interference.
- Adjust the antenna.
- Adjust the picture control.
- Program channel using AUTO PROGRAM.