

Note: All figures in the manual are for reference only, please refer to the actual units to determine their appearance.

CLEANING AND MAINTENANCE

The surface of the panel has been specially treated with an anti-glare substance. Wipe the panel surface gently using only a cleaning cloth or a soft, lint-free cloth.

If the surface is particularly dirty, soak a soft, lint-free cloth in a weak detergent solution and then remove excess liquid. Use this cloth to wipe the surface of

the panel, and then wipe it with a dry cloth of the same type until the surface is dry.

Do not scratch or hit the surface of the panel with fingernails or other hard objects. Furthermore, avoid contact with volatile substances such as insecticide, solvents or thinner; otherwise, the quality of the surface may be adversely affected.

SAFETY PRECAUTIONS

WARNING

KEEP UNNEEDED SMALL PARTS AND PACKAGING MATERIALS OUT OF THE REACH OF SMALL CHILDREN. THESE OBJECTS ARE A CHOKING HAZARD AND CAN BE ACCIDENTALLY SWALLOWED OR LEAD TO SUFFOCATION.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference,
- (2) This device must accept any interference received, including interference that may cause undesired operation

Set up

Do not place the TV set on a sloped or unstable surface.

Do not place any objects on top of the TV set. If water spills onto the TV set or foreign objects get inside it, short-circuiting may occur and this could result in fire or electric shock. If any foreign objects get inside the TV set, please consult an Authorized Service Center.

Do not cover the vents, otherwise it may cause the TV set to overheat and result in fire or damage to the TV set.

Avoid installing this product near electronic equipment which will produce electromagnetic waves and may cause interference in image, sound, etc. In particular, keep video equipment away from this product.

AC Power Supply Cord

Securely insert the power plug as far as it could go. If the plug is not fully inserted, heat may be generated which could cause fire. If the plug is damaged or the wall socket plate is loose, they should not be used.

Do not handle the power cord plug with wet hands, doing so may cause electric shock.

Do not do anything that might damage the power cable. When disconnecting the power cable, hold the plug, rather than pulling it directly.

Do not make any modifications to this unit by yourself. Do not place heavy objects on the unit, place the unit near heat emitting devices, or pull the power cable forcefully. Doing so may cause damage to the power cable and result in fire or electric shock. If any damage to the cable is suspected due to misuse or abuse, please purchase a new one.

If the TV set will not be used for a long period of time, unplug the power cord from the wall outlet.

If Problems Occur During Use

If a problem occurs (such as no picture or no sound), or if smoke or an abnormal odor from TV is detected, unplug the power cord immediately. Continuing to use the unit under these conditions might cause fire or permanent damage to the unit. Have the TV inspected at an Authorized Service Center. Service for the TV by any unauthorized personnel is strongly discouraged due to its dangerous levels of high voltage inside the unit. If water or foreign objects get inside the TV set, the TV is dropped, or if the cabinet becomes damaged, disconnect the power cord plug immediately and contact an Authorized Service Center for service and help.

When Using the TV Set

Do not bring your hands, face or objects close to the ventilation ports of the TV set. The top of the TV set is usually very hot due to the high temperature of exhaust air being released through the ventilation ports. Burns or personal injuries can happen if any body parts are brought too close to them. Placing any object or device near the top of the TV could also result in damage to the object or device due to excessive heat as well as to the TV if its ventilation ports are blocked.

Be sure to disconnect all cables before moving the TV set, otherwise it may damage the attached cables and cause fire or electric shock.

Disconnect the power plug from the wall outlet as a safety precaution before cleaning the unit to avoid electric shock.

Clean the power cable regularly to prevent it from becoming dusty. Accumulation of dust inside the power cord plug can increase humidity which might damage the insulation and cause fire. Unplug the cord from the wall outlet and clean it with a dry cloth.

This TV set radiates infrared rays; therefore, it may interfere with other communication devices using infrared as transmission method. Please do not use such device in the vicinity of the TV as the TV may affect adversely the device's intended purpose.

INSTALLATION

Selecting a Location for the TV

- 1 Place the TV on the floor or on a sturdy platform in a location where light does not directly hit the screen.
- 2 Place the TV far enough from the walls to allow proper ventilation. Inadequate ventilation may cause overheating and may shorten its life.

Note: Please contact local dealer for more information about a wall mount.

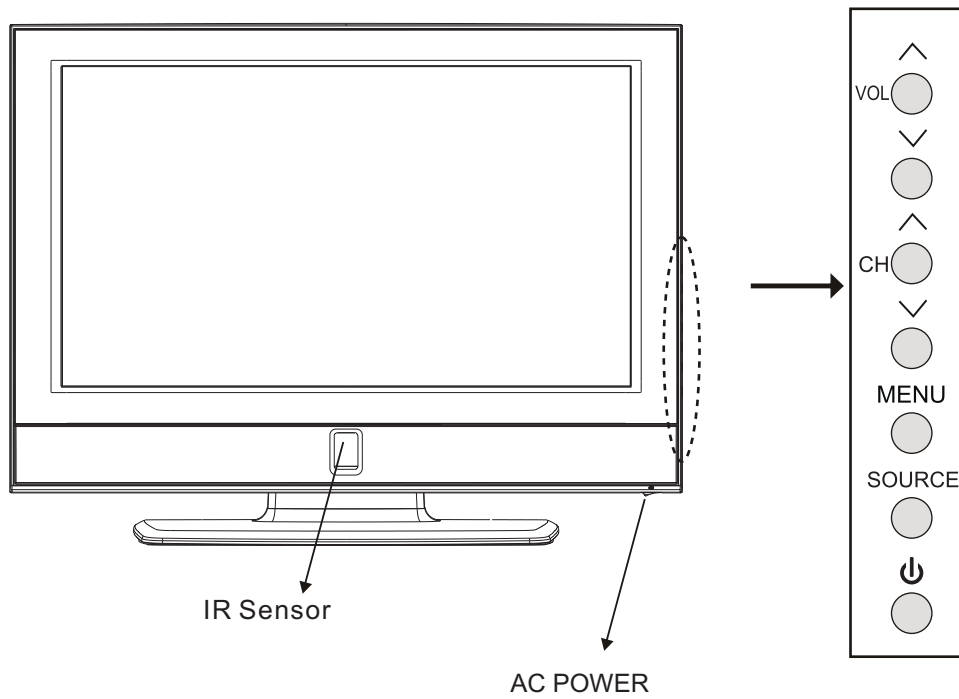
Optional External Equipment

For best performance, video cables should utilize 75 ohm coaxial shielded wire. Such cables are available from your dealer or electronic supply store.

Before you purchase any cables, be sure you know what type of output /input connectors and the length of the cable are required to suit your layout.

FRONT PANEL

Front View



- 1 IR(Infrared) Sensor: Receives IR signal from the remote control.
(Power On/Standby)LED Indicator: Press **STANDBY** to turn on and off.
Power On (Blue) Standby mode(Red)

The effective receiving range of remote control signal is 5-8 meters from the front of the IR sensor, and 30° to the left or right side and 20° above or below the IR sensor.

2 The functions of the buttons are described as follows:

CH+/-: Press to scan through channels.

VOL+/-: Press to adjust the volume.

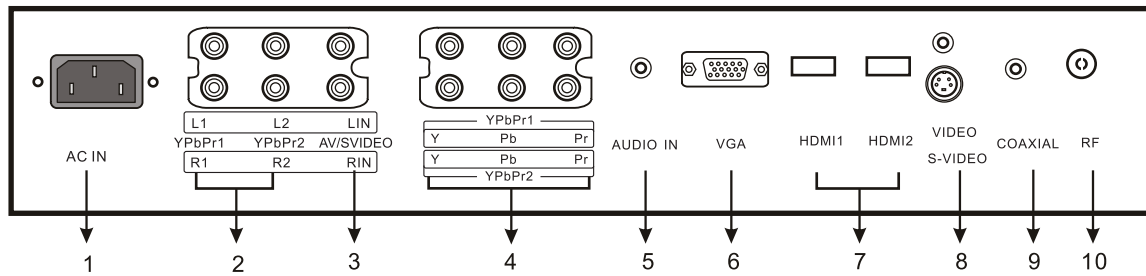
MENU: Press to display the OSD menu, Press again to exit the menu.

SOURCE: Press to select the input source.

STANDBY: Turn on/standby the TV set.

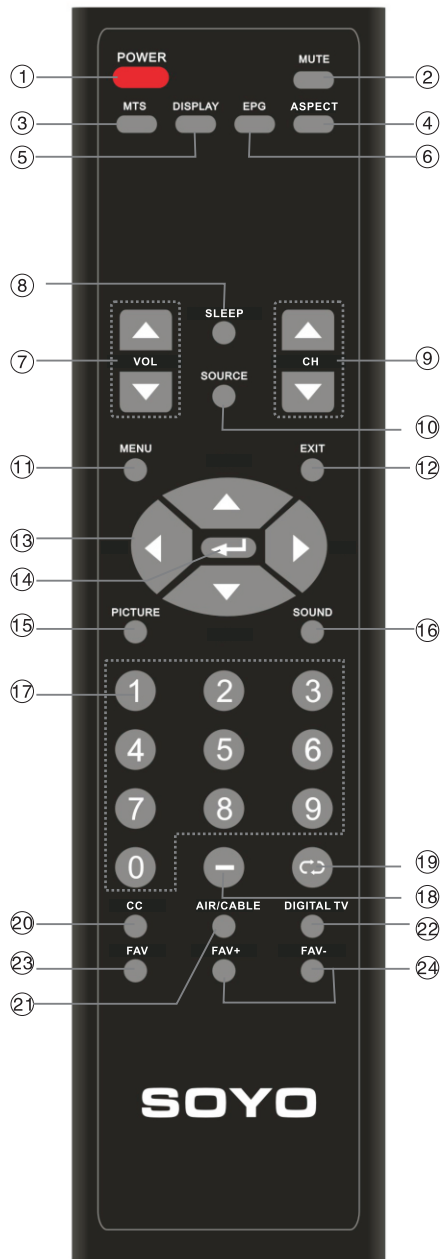
REAR PANEL

Rear panel



1. **AC IN** : Connect to an earth 100-240V~, 50/60Hz AC outlet with the Power Cable.
2. **L/R IN**: Connect them to the audio output terminal of DVD(with YPbPr).
3. **L/R IN**: Connect them to audio output terminal of DVD(with VIDEO/S-VIDEO).
4. **YPbPr** : Connect them to the video output terminal of DVD.(used in HDTV source)
5. **PC AUDIO IN**: Connect it to the audio output terminal of PC.
6. **VGA**: For PC display. Connect it to the D-Sub 15 pins analog output connector of the PC.
7. **HDMI1/2**: Connect it to the HDMI of DVD or other equipment.
8. **VIDEO**: Connect it to video output terminal of DVD.
8. **S-VIDEO**: Connect it to S-Video output terminal of DVD.
9. **COAXIAL**: Digital Audio Output
10. **RF**: Connect antenna or cable 75 Ohm coaxial to receive TV signal.

REMOTE CONTROL LAYOUT



1. POWER
Power on/off
2. MUTE
Press to temporarily turn the sound on/off.
3. MTS
Press to select the sound channel.
4. ASPECT
Press to adjust the aspect ratio of displayed picture.
5. DISPLAY
Press to display the current source and program information.
6. EPG
Display channel information.
7. VOL▲ / ▼
Volume up/down
8. SLEEP
Press to select a preset time interval to automatically shut down the TV.
9. CH▲ / ▼
Channel up/down
10. SOURCE
Press to display a menu of all available input sources.
11. MENU
Press to display OSD MENU
12. EXIT
Press to exit OSD MENU.
13. ◀ / ▶ ▲ / ▼
direction keys for OSD menu
14. ENTER
Press to enter the sub-menu.
15. PICTURE
Press to change to a preset picture mode.
16. SOUND
Press to change to a preset sound mode.
17. NUMERIC BUTTONS
Press the number of a desirable channel on the numeric buttons to jump to the channel.

18. —
When selecting a digital channel, press the number, followed by “-”button, and then sub channel number.
19. RECALL
Press to switch between the current channel and the previous channel.
20. CC
Press to select Caption
21. Air/ Cable
A hot key to switch among Air/ Cable STD/ Cable HRC/ Cable IRC/ Cable Auto
22. DIGITAL TV
A hot key that jumps to Digital TV mode.
23. FAV
Starts the “Favorite List”
24. FAV+, FAV-
The sentence should be larger size.

REMOTE CONTROL INSTRUCTIONS

Inserting the batteries into the remote control

1. Remove the cover of the battery compartment.
2. Insert two AAA 1.5V batteries following the orientation indicated in the compartment.
3. Replace the back cover on the remote.



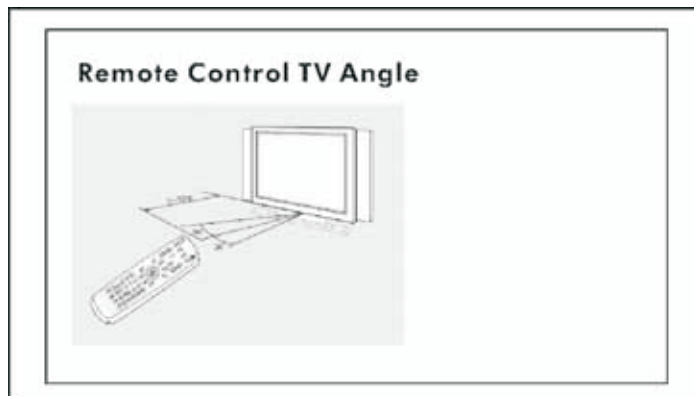
Caution: Used batteries should be recycled and kept out of children's reach. Do not use new and old batteries together. Change both batteries at the same time. When you don't want to use the remote control for a long time, remove the batteries from the unit. Use only Alkaline batteries.

If the remote control is not working, see the checkpoints below.

- Are the polarities of the batteries (+, -) correct?
- Are the batteries dead?
- Is there a power source to the TV?
- Is the power cable plugged in?
- Are any special fluorescent or neon signs turned on in the vicinity of the TV?

Remote Control Reception Angle

Use the Remote control within a range of 7~10m and at an angle of 30° to either side of the receiver.



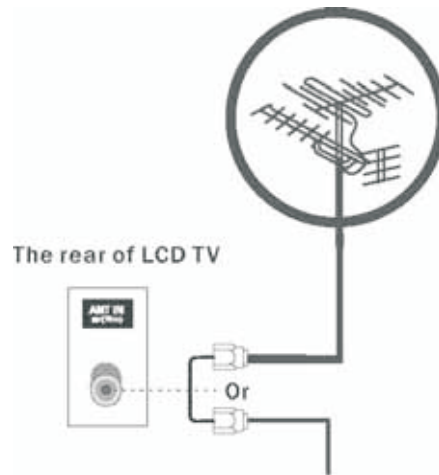
CONNECTIONS AND EXTERNAL INPUT SETTINGS

1: Checking Items before Connecting

Please check the list below before connecting the product to other devices.

1. Please detach the TV and the external device from the electric outlet during the installation.
2. Make sure all cables are securely connected before you plug the TV and device into the electrical outlet.

2: Connecting an Antenna



Connecting the TV with an Antenna

- 1 Connect one end of a coaxial cable to the Air/Cable/Antenna connector on the rear of the TV, and the other end to the antenna, set-top box, or cable signal connector on the wall.
- 2 When an Air signal is required, connect to the [AIR] connector. If a Cable signal is required, connect to the [CABLE] connector. If both Air and Cable signals are available, and then connect both [AIR] and [CABLE] connectors.
- 3 Connect the TV's power cord after all signal cables have been connected properly.

< Caution > Avoid bending the copper tip at the center of the coaxial cable.