FLAT PANEL WIDESCREEN HDTV

Operating Instructions

COBY

LCD TV

A Wide Array of Screen Settings

You can choose different screen settings depending on the type of program you are watching or the surrounding conditions (the lighting or the outside weather conditions).
You can switch among the Sport, Movie, Music and Normal options , or you can configure the screen settings yourself.

A Wide Array of Sound Settings

You can choose an optimal sound setting for the type of program you are watching.
You can switch among the Music, Movie, News and Normal options , or you can configure the settings yourself.

Favorite Channel Memory

You can store your favorite channels in the order of preference for easy channel selection.

Captions

When you watch a captioned program, you can turn the caption option on to see English text on the screen. This feature also works with video CDs or videotapes with captions.

CAUTION

RISK OF ELECTRIC SHOCK
DO NOT OPEN

WARNING
AVERTISSEMENT

RISQUE DE CHOC ÉLECTRIQUE-NE PAS OUVRIR.

WARNING HIGH-VOLTAGE

TO PREVENT FIRE OR SHOCK HAZARD DO NOT REMOVE COVER.
NO USER SERVICEABLE PARTS INSIDE.
REFER ALL SERVICE QUERIES TO QUALIFIED PERSONNEL.
DO NOT EXPOSE THIS RECEIVER TO RAIN OR MOISTURE.
REMOVE MAINS PLUG FROM WALL SOCKET WHEN NOT IN USE.
CARE SHOULD BE TAKEN WHEN REMOVING BACK CABINET FOR SERVICING,
SUB CHASSIS MAY BE DAMAGED IF ALLOWED TO BECOME UNSUPPORTED.

This symbol is intended to alert the user to the presence of uninsulated “dangerous voltage” within the product’s enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

This symbol is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

***WARNING* - To reduce the risk of fire or shock hazard, do not expose the TV to rain or moisture.**

NOTICE

- **If the same pattern is continuously displayed on the Monitor / TV for a long period of time,it can be the situation when the image “Sticks” to screen.**
- **This apparatus shall not be exposed to dripping or splashing and no object filled with liquids, such as vases, shall be place on the apparatus.**

FCC Compliance Statements

Note : This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio / TV technician for help.

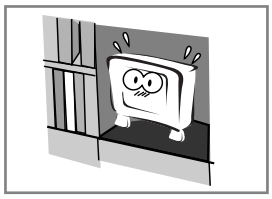
Warning: Your are cautioned that any change or modifications to the equipment not expressly approved by the party responsible for compliance could void your authority to operate such equipment.

Precaution

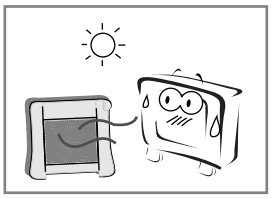
1) Read these instructions.
2) Keep these instructions.
3) Heed all warnings.
4) Follow all instructions.
5) Do not use this apparatus near water.
6) Clean only with dry cloth.
7) Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8) Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9) Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet. Consult an electrician for replacement of the obsolete outlet.
10) Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11) Only use attachments/accessories specified by the manufacturer.
12) Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.

13) Unplug this apparatus during lightning storms or when unused for long periods of time.
14) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been moisture, does not operate normally, or has been dropped.
15) The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.

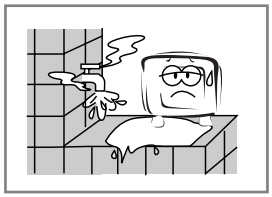
Important Safety Instructions



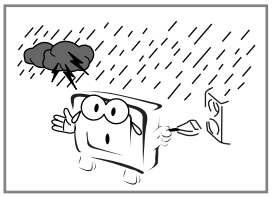
The unit should not be placed in a built-in installation such as a book-case, limited space rack unless proper ventilation is provided.
- This may cause fire by overheating or damage the unit by falling.



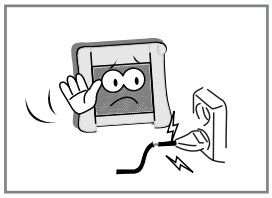
Do not use the unit in direct sunlight and keep it away from heaters, stoves, and other sources of heat.
- This may cause a fire.



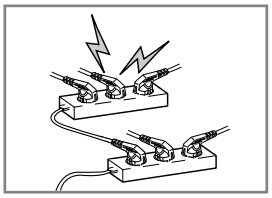
Do not use the unit near water, oil or inflammables.
- This may cause a fire.



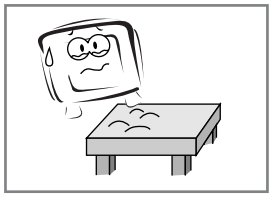
During storm conditions (especially when there is lighting) unplug your TV set from the main electrical outlet and antenna.



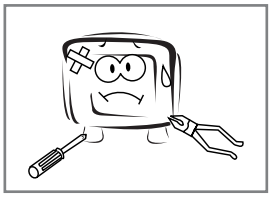
Do not use a damaged plug and do not let the power cord touch a heat source.
- This may cause an electric shock or fire.



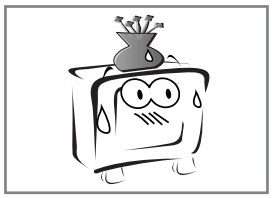
Do not connect too many extension cords or plugs to an outlet.
- This may cause a fire.



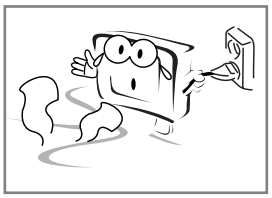
Place the unit on a flat and stable surface.
- The unit can cause injury or damage the unit by falling.



Do not attempt to service the unit.
Contact an authorized dealer or repair service.
- Servicing the unit yourself may cause an electric shock or fire.

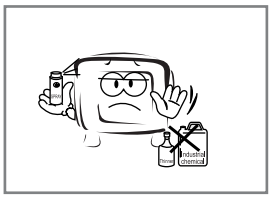


Do not place any things(vase, stc) on the top of the unit.
- This may cause the damage of the unit by falling.

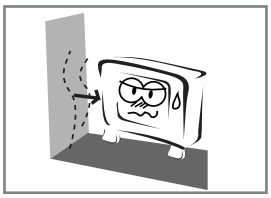


If there are any unusual sounds or smells coming from the unit, unplug it immediately and contact an authorized dealer or repair service.
- This may be caused by an electric shock or fire.

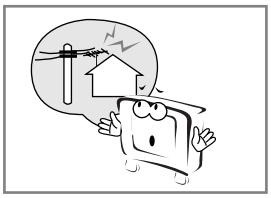
Important Safety Instructions



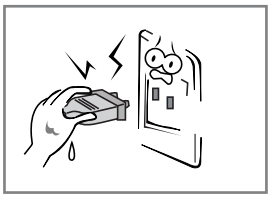
Do not use or store inflammable substances near the unit
- This may cause an explosion or fire.



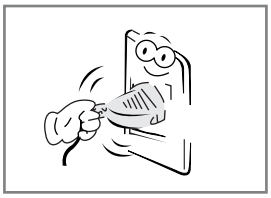
Place the unit away from the wall for well ventilation.
- This may cause a fire.



Place the antenna away from the electric wire, not to touch even though it falls down by wind.
- This may cause an electric shock.

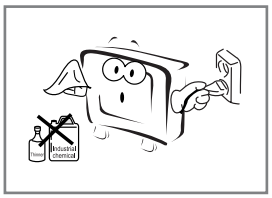


Do not touch the plug with wet hands.
- This may cause an electric shock.

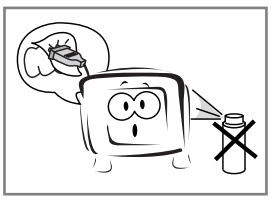


Be sure to plug in tightly and hold the plug, not the cord when disconnecting the plug from the wall outlet.
- This may cause a fire.

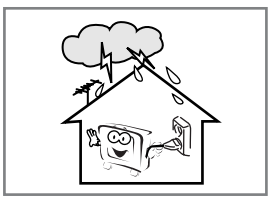
If an outside antenna is connected to the unit, do not let the rain water get into the unit by bending or antenna wire sealing
- This may cause an electric shock or fire.



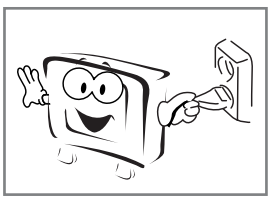
Unplug the unit from the wall outlet before cleaning. Use a smooth cloth. Do not use industrial chemicals.
- This may cause an electric shock or fire.



If the connector between the plug and the pin is dusty or dirty, clean it. Do not spray detergent directly on the unit.
- This may cause an electric shock or fire.



Do not touch the antenna wire and disconnect the plug from the electrical outlet during storms or lightening.
- This may cause an electric shock or fire.



Disconnect the plug from the outlet if it is not used for a long period of time.
- This may cause an electric shock or fire.

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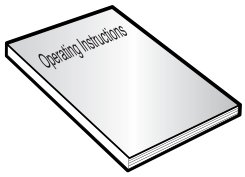
Unpacking your TV

Please make sure the following items are included with your TV set.
If any items are missing, contact your dealer.

Accessories

Remote Control & Batteries (AAA x 2)



Operating Instructions

Power Cord

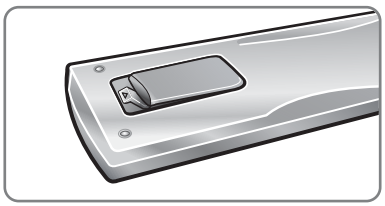
Inserting Batteries in the Remote Control

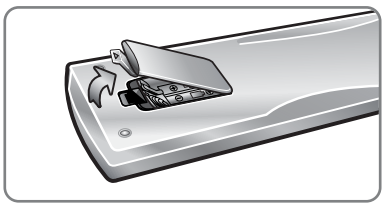
You must insert or replace the batteries in the remote control when you purchase the TV or when you find that the remote control is no longer operating correctly.

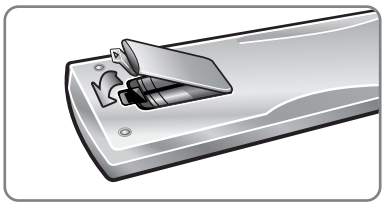
1 Push the "▽" mark at the back of the remote control and pull forward slightly.

2 Insert two AAA 1.5V batteries ensuring the correct polarity (**+/-**).

3 Close the lid.





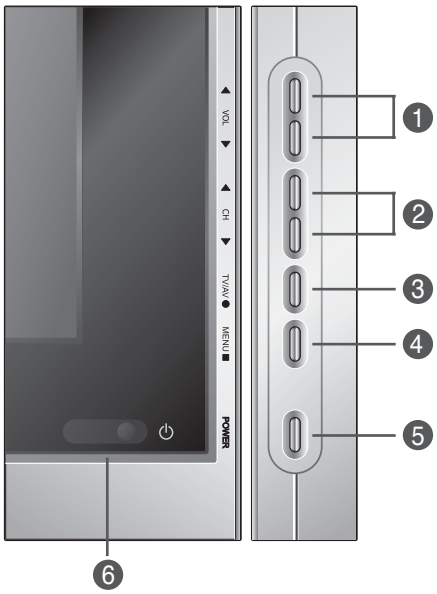


- Handle the remote control with care; avoid dropping it, getting it wet, placing it direct sunlight, near a heater, or where the humidity is high .
- Remove the batteries to avoid damage from possible battery leakage whenever you anticipate that the remote control will not be used for an extended period.

Viewing the Control Panels

Front View

Right Side



1. Volume adjustment
2. Channel selection
3. Input TV/AV selection
4. MENU selection
5. Power
6. Remote control sensor

Power Indicator Status

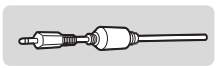
Indicator	Status
Red	Stand-by
Green	Power on

Viewing the Control Panels

Rear View

Connection Cables (Optional : not included)

HDMI Connector ····· 4


DVI/PC Sound Cable ····· 3

HDMI/DVI Connector ····· 4

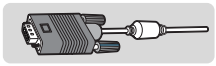
Component Signal Cable ····· 10

Digital Sound Connector ····· 6

Sound Cable ····· 9

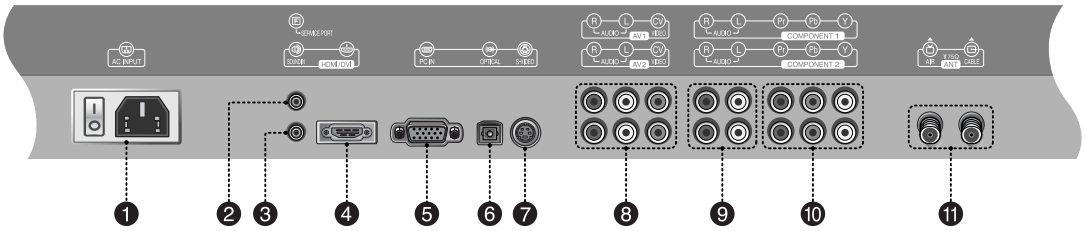
S-Video Connector ····· 7

AV Cable ····· 8


PC Cable ····· 5

Coaxial Cable ····· 11

Bottom Side



1. Power Input Terminal
2. Service Cord Terminal
3. DVI Sound Input Terminal
4. HDMI/DVI Input Terminal
5. PC Input Terminal
6. Optic Digital Sound Output terminal
7. S-video Input Terminal
8. External Terminals 1, 2
9. Component Sound Input Terminals 1, 2
10. Component Video Input Terminals 1, 2
11. AIR, CABLE Input Terminal

Remote Control

- Makes sure there are no objects between the remote control and its sensor.
- Don't place the remote control near a heater or in damp place.

1 INPUT
- Displays a menu of all available input sources.
- Also used to confirm your choice in the on-screen menu.

2 S.MODE
- Press to change to a preset sound mode

3 P.MODE
- Press to change to a preset picture mode

4 MUTE
- Press to temporarily switch the sound off

5 VOLUME
- Press to increase or decrease the volume

6 GUIDE
- Press to view the DTV program information

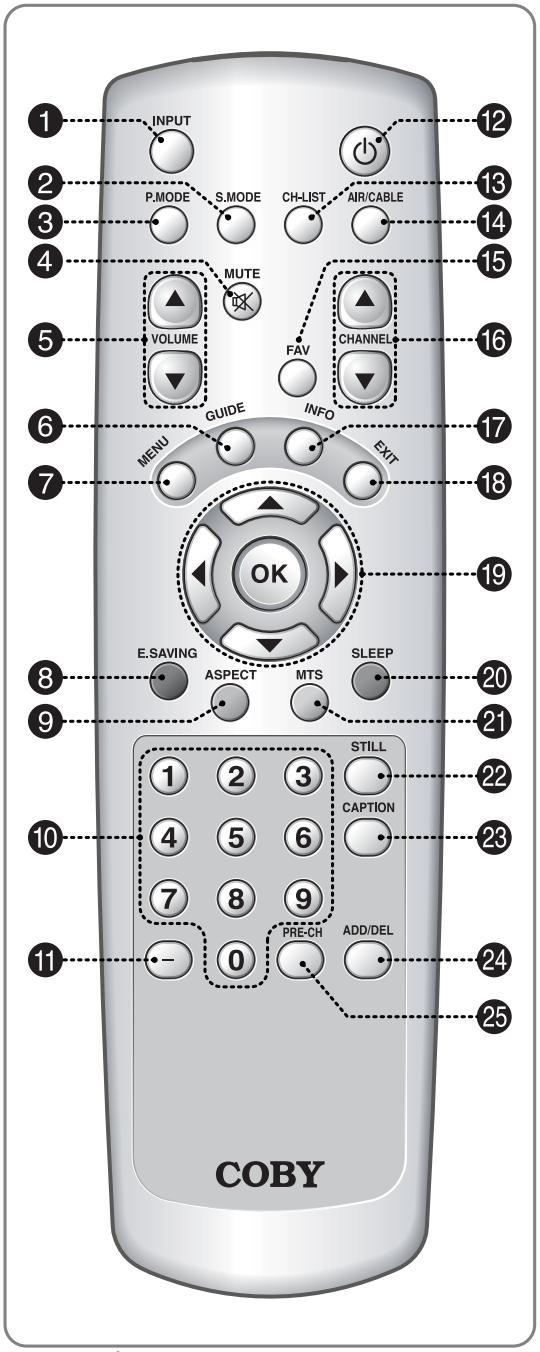
7 MENU
- Press to display the main on-screen menu

8 E.SAVING
- Press to save power

9 ASPECT
- Press to adjust the screen size

10 Numeric buttons
- Press to change the channel directly using the numeric buttons

11 [–] Button
- When selecting a digital broadcast channel, press the Main channel number > [–] > sub channel number. Analog channels can be viewed when the sub channel is zero



12 POWER

13 CH-LIST
- Press to see the channel list

14 AIR/CABLE
- Press to select AIR/CABLE channels

15 FAV
- Watch your favorite channels

16 CHANNEL
- Press to change channels

17 INFO
- Check the current program information, screen status, multi-sound status and time

18 EXIT
- Exit from a menu or the program guide to the main TV screen

19 UP/DOWN/LEFT/RIGHT/ENTER
- Press to select on-screen menu items and change menu values

20 SLEEP
- Press to select a preset time interval to automatically shut the TV down

21 MTS
- Press to select your favorite language for digital broadcasting. You can select your favorite mode Mono/Stereo/SAP.

22 STILL
- Press to pause the current scene

23 CAPTION
- Press to activate English subtitles

24 ADD/DEL
- Press to add or delete a channel to/ from your channel list

25 PRE-CH
- Press to view the previous channe

Remote Control Instructions

Press to move up in the menu

Press to move down in the menu

Press to move right in the menu

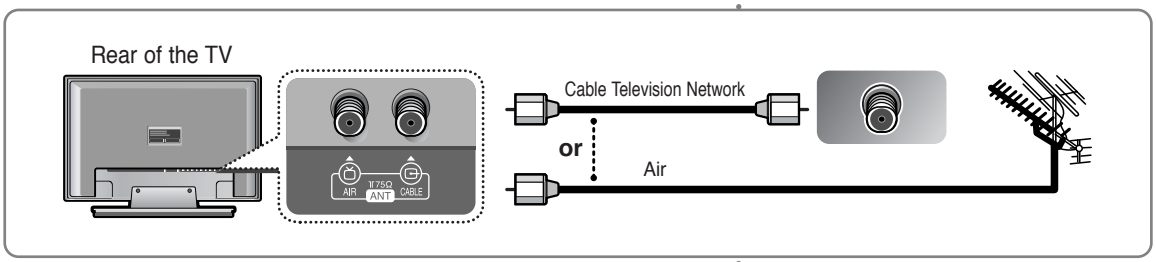
Press to move left in the menu

Press to select the on-screen menu item

Press to return to the previous menu

Connecting an Antenna

There are internal and external types of antennae.



Connecting an Antenna

1 Use a coaxial cable to connect the rear panel of the TV's [**AIR**] or [**CABLE**] terminals and the wall mount or external antenna.

2 When an Air signal is required, connect to the [**AIR**] terminal. If a Cable signal is required, connect to the [**CABLE**] terminal. If both Air, Cable are available, then connect both [**AIR**] and [**CABLE**] terminals.

3 Connect the TV power cord when connecting everything else.

⚠ Avoid bending the copper tip at the center of the coaxial cable.

Viewing Air Channels

1 Turn on the TV and follow the steps in <**Auto Memorizing**>. Currently all broadcast Air (**Analog, Digital**) and Cable (**Analog, Digital**) channels have been memorized.

2 Change the channel you wish to watch!

- Selecting channels directly via the numeric buttons.
  ex) To watch channel 4: Press '4' ➔ Press select **OK**.
- To change channels using the [**CHANNEL**] button
  ex) Change from Channel 4 to 11: Keep pressing the [**CHANNEL**] button until you get to Channel 11.

Watching Digital Broadcasting

1 Turn on the TV and follow the steps in <**Auto Memorizing**>. Currently all broadcast Air (**Analog, Digital**) and Cable (**Analog,** Digital) channels have been memorized.

2 Use the [**AIR/CABLE**] button to view channels.

- Changing the channel using the [**AIR/CABLE**] button
  ex) Pressing the [**AIR/CABLE**] button will move to the next digital channel in the <**Auto Memorizing**> list sequentially.
- Changing the channel by pressing the [**CHANNEL**] button
  ex) Press the [**CHANNEL**] button until the required digital channel is reached.
- Directly pressing numbers and using [**–**]
  ex) To watch digital network channel 6-1,: press '6' ➔ '–' ➔ '1' ➔ and the [**OK**] button.

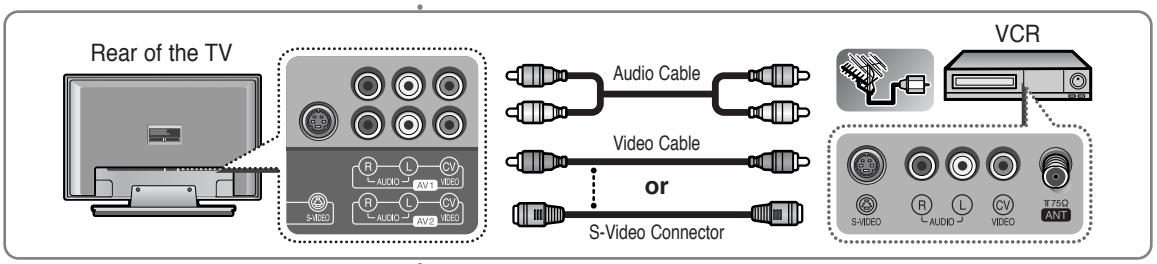
⚠ When not in <**TV**> mode, changing the channel is not performed.

Caution

- ☛ If the signal is too weak to be received by the TV, purchase an additional wavelength amplifier for better reception.
- ☛ Setting up an UHF antenna will receive a digital broadcast signal.
- ☛ For apartments and condos, check with related parties or your landlord for UHF receiver availability.
- ☛ Some areas can receive digital broadcasts via cable companies, therefore check with your local cable operator.

Connecting a VCR

External devices may have different terminals for the same functions.



Useful Tips

- If there is a terminal called [S-Video Output], connect the TV [S-Video Input] terminal to the VCR [S-video output] terminal. Connect the sound cable to the [Video2 / S-Video Input left / right] (white / red).

Useful Tips

- When connecting a TV and VCR with an S-Video cable, press the [INPUT] button to select <S-VIDEO>.

Connecting the video / sound cables

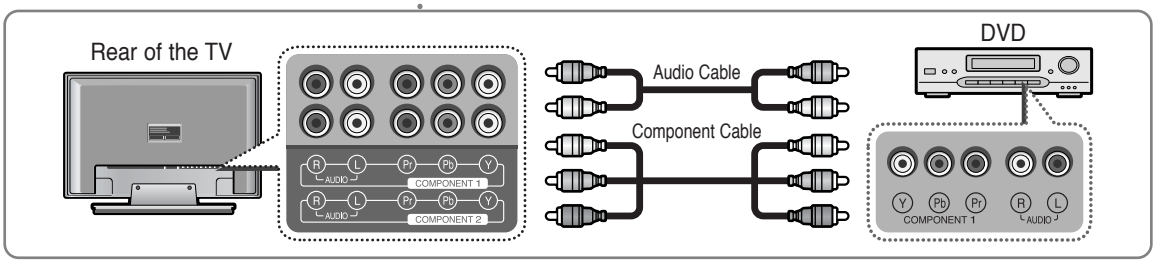
1. Connect the antenna to the Antenna input of the rear panel of the VCR.
2. Connect the video cable to the [**AV1 video input**] or [**AV2 video input**] (yellow) terminal at the back of the TV to the [**video Output**] (Yellow) of the VCR.
3. Connect the sound cable to the [**AV1 sound input left / right**] or [**AV2 sound input left / right**] (white/red) terminal at the back of the TV to the [**sound output**] (white/red) of the VCR.

Watching a VCR

1. Turn on the TV and press the [**INPUT**] button, then select <**AV1**> or <**AV2**>. If <**external input**> mode is not selected, check your video connection.
2. Turn on the VCR and press the play button.

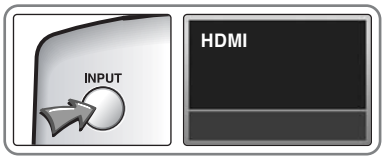
Connecting a DVD Player

External devices may have different connecting terminals.



Useful Tips

- Depending on the brand of DVD player, the output terminals Y, Pb, Pr or Y, Cb, Cr will be marked.
- If the DTV receiver supports DVI, it may be connected via an HDMI or DVI cable instead of a component cable.



Useful Tips

- When connecting the [TV] and the [DVD] with the HDMI cable, press the [INPUT] button and select <HDMI>.

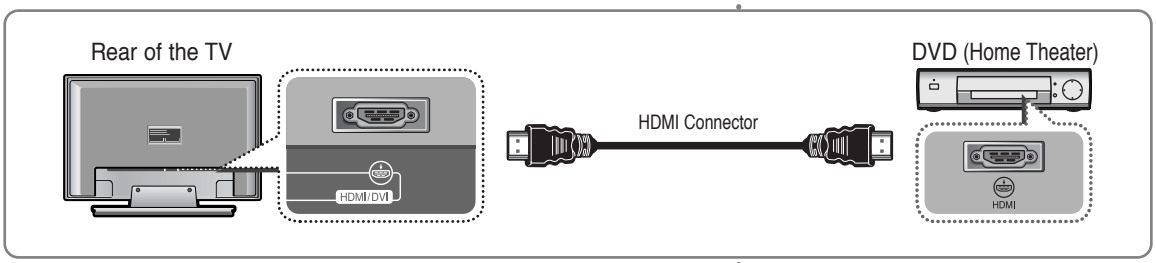
Connecting to a DVD player

1. Connect the [**COMPONENT 1 video input**] or [**COMPONENT 2 video input Y, Pb, Pr**] (Green/Blue/Red) terminal at the back of the TV and the [**Component output**] on the DVD terminal.
2. Connect the [**COMPONENT1 sound input left/right**] or the [**COMPONENT2 sound input left/right**] (white/red) input terminal and the [**sound output**] (white/red) output terminal of the DVD with the sound connectors.

Viewing a DVD

1. Turn on the TV, press the [**INPUT**] button, then select <**COMPONENT 1**> or <**COMPONENT 2**>. (If <component> mode is not selected, check if the component connectors are connected.)
2. Turn on the DVD player and press the play button on the DVD player.

Connecting a HDMI Connection



Connecting via HDMI

1 Connect the [**HDMI/DVI input**] terminal at the back of the TV and the [**HDMI**] terminal of the external device.

2 Connect the TV and the external device after all other connections are done.

Watching HDMI

1 Turn on the TV and press [**INPUT**], then select <**HDMI**>.

2 Place a DVD title into an external device connected via HDMI and press play.

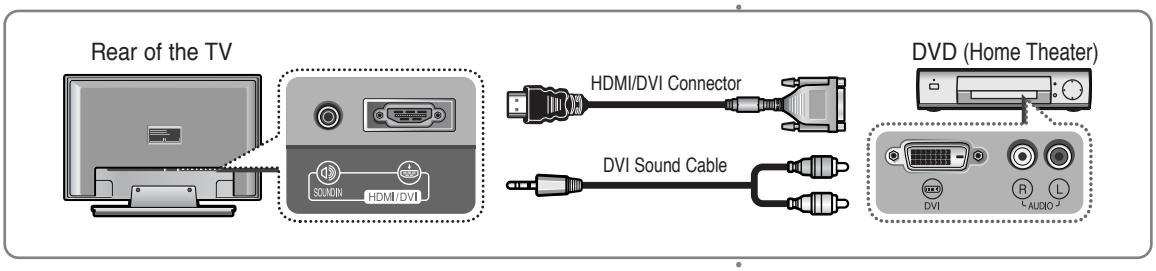
Useful Tips

☛ You can watch by connecting AV devices such as a set-top-box, a DVD player, an AV receiver, or DTV that supports the HDMI connection.

What is HDMI ?

☛ HDMI (High-Definition Multimedia Interface) : A next generation interface that connects the digital audio and video signals using only one cable without compression. The sound signal also carries multi-channel (5:1 Channel) so that it isproperly called a multimedia interface rather than a video terminal. The difference between HDMI and DVI is that the size is smaller; HDCP has an embedded cipher function and supports multi channel audio.

Connecting a DVI Connection



Connecting via DVI

1 Connect the [**HDMI/DVI Input**] terminal and the [**DVI**] output terminal of the external device.

2 Connect the [**DVI Audio input**] using the DVI audio cable (sold separately).

3 After this is completed, turn on the power of the TV and the external device.

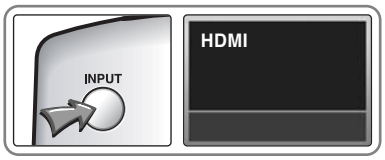
Watching steam via the DVI connector

1 Turn on the TV and press [**INPUT**], then select <**HDMI**>.

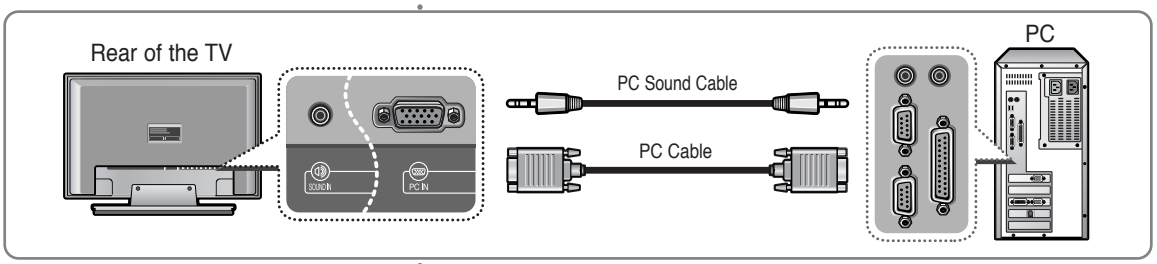
2 Operate the external device connected via DVI.

Useful Tips

☛ When connecting equipment using a DVI connection cable, use a DVI-HDMI gender (sold separately) or on one side HDMI other side DVI type of connection cable (HDMI/DVI connecting cable - not included in packet - sold separately)



Connecting a PC



Useful Tips

☛ Audio output is only available for PCs with a sound output terminal

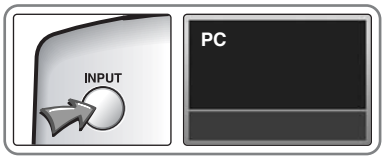
Connecting a PC

1 Connect the [**PC input**] and the PC monitor output using a PC video cable.

2 Connect the [**PC audio input**] and the PC audio output using a PC audio cable.

3 After this is completed, turn on the power of the TV and the PC.

Watching a PC screen on a TV



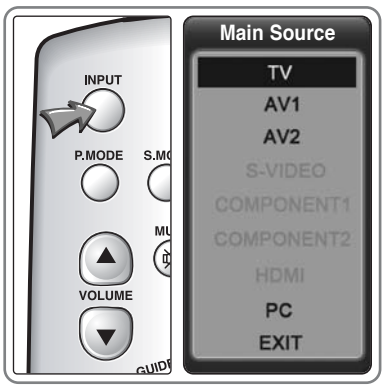
1 Turn on the PC and check if your PC settings are correct.
■ If they are not correct, your screen will be doubled or distorted.

2 Turn on the TV and press [**INPUT**], then select <**PC**>.

3 Adjusting the PC screen.

TV/ External Input Settings

You can change the signal of the TV or of the external device connected to your TV.



1 Press [**INPUT**].
The external input list will appear.

2 Press [▲ ▼] to move to an input mode, then press [**OK**].
Move to the selected external input screen.

Useful Tips

☛ Check if the connecting cables are properly connected if the input mode was not selected.

Automatic Channel Settings

Any receivable channels can be memorized automatically.

1 Press [**MENU**]. -The menu will appear.

2 Press [▲ ▼] and move to <**Channel**>, then press [**OK**].
-The <**Channel**> menu will appear.

3 Press [▲ ▼] and move to <**Auto Memorizing**>, then Press [**OK**].
-The <**Auto Memorizing**> menu will appear.

4 Press [▲ ▼] to move to the type of Antenna connection, and press [**OK**].
-The <**Auto Memorizing**> menu will appear.

5 Press [▲ ▼] to check the status, then press [**OK**].
-The <**Auto Memorizing**> menu will appear.

6 After memorizing all receivable channels, a menu appears with the number of channels that have been memorized.

7 Press [**EXIT**] to exit the menu.

Useful Tips

- ☛ When <Air + Cable> is selected, the TV searches for channels (both Analog and Digital) from the antenna input.
- ☛ When selecting <Air> only, only Air channels are scanned (Analog, Digital).
- ☛ When selecting <Cable> only, only Cable channels are scanned (Analog, Digital).
- ☛ If any antenna connection status is changed, please perform automatic channel memorization again.
- ☛ When stopping the automatic channel scan, the automatic channel selection will not be completed. Only channels used in the menu will be set up.

Checking memorized channels

1 Press the [**CHANNEL**] buttons.

-Pressing the [**CHANNEL**] buttons will select only the memorized channels sequentially.

Selecting DIGITAL channels only

1 Pressing [**AIR/CABLE**] will select only the memorized digital channels sequentially.

Antenna Settings

1 Press [**MENU**]. -The menu will appear.

2 Press [▲ ▼] and move to <**Channel**>, then press [**OK**].
-The <**Channel**> menu will appear.

3 Press [▲ ▼] to move to <**Antenna**>, then press [**OK**].
-The <**Antenna**> menu will appear.

4 Press [▲ ▼] to select Air or Cable.

5 Press [**EXIT**] to exit the menu.

Useful Tips

- An air signal is transmitted via VHF/UHF over the air, analog is NTSC, and digital is ATSC with a VSB modulated signal.
- A cable signal is a cable transmitted signal, analog is NTSC, and digital is SCTE with a QAM modulated signal.

Adding or Removing Channels

After memorizing the channels, you may add more channels not added due to a weak signal, or you may remove unwanted channels.

Adding or removing the current channel

1 Press the number of the channel to memorize, then press the [**ADD/DEL**] button.

- For example, to add a channel, press the number of the channel, then press [**ADD/DEL**].
- When the [**ADD/DEL**] menu appears, press [**OK**] to either add or remove.

Adding or removing all memorized channels

1 Press [**MENU**]. -The menu will appear.

2 Press [▲ ▼] to move to <**Channel**>, then press [**OK**] to finish.
-The <**Channel**> menu will appear.

3 Press [▲ ▼] to move to <**Channel List**>, then press [**OK**].
-The <**Channel List**> menu will appear.

4 Press [▲ ▼] to move to the channel you wish to add and then press the Red [E.SAVING] Button.

-If the channel has the ✔ mark, the channel is added.

-Press it again and the ✔ will disappear and the memorized channel is removed.

5 Press the [**EXIT**] button to exit the menu.

Useful Tips

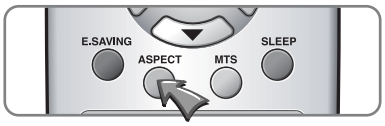
- To confirm the added channel after the menu disappears, press [CHANNEL].

Adding favorite channels

This function is to help users to select their favorite channels as quickly as possible from amongst multiple channels.

FAV Press [**FAV**].
Go to Menu-Favorite channels and press the [**FAV**] button to check your favorite channels in the list.

Selecting a special channel as a favorite channel



1 Press [**MENU**]. -The menu will appear.

2 Press [▲ ▼] and move to <**Channel**>, then press [**OK**].
-The <**Channel**> menu will appear.

3 Press [▲ ▼] to move to <**Channel List**>, then press the [**OK**] button.
-The <**Channel List**> menu will be selected.

4 Press [▲ ▼] to move to the favorite channels, then press the Green [ASPECT] Button.

- ❤ Make sure that the selected channel has been checked.
-To exit from the favorite channel set-up, press the green button again.

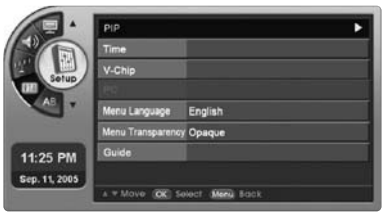
5 Press the [**EXIT**] button to exit the menu.

Useful Tips

- ☛ At least one or more channels must be memorized before setting up your favorite channels.
- ☛ A removed channel cannot be added to your favorite channels.

Digital Program Guide Settings

Your TV has an "Electronic Program Guide" to help you navigate through all possible viewing options (this option is only available for Digital Broadcasting.)



1 Press [**MENU**]. -The menu will appear.

2 Press [▲ ▼] to move to <**Setup**>, then press [**OK**].
-The <**Setup**> menu will appear.

3 Press [▲ ▼] to move to <**Guide**>, then press [**OK**].
-The <**Guide**> Menu will appear.

4 Press [▲ ▼] to move to <**Default Guide**>, then press [**OK**].
-The <**Default Guide**> menu will appear.

5 Press [▲ ▼] to move to the relevant settings, then press [**OK**].
-You can select either <**Current Guide**> or <**All Guides**>.

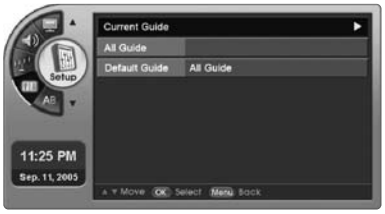
6 Press [**EXIT**] to exit the menu.

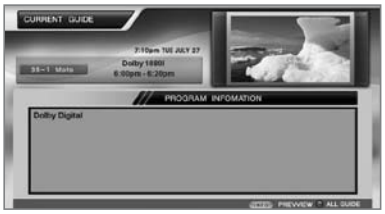
Useful Tips

- ☛ The Factory default is <All Guides>

Current Program Information

You can check the current time and channel information. (This is only available for digital broadcasts)





GUIDE

Press [**GUIDE**].

Press [**GUIDE**] to view the program guide for the current channel.
The default for the basic broadcasting guide should be set to <**Current Guide**>.
(The Program Guide may change without notice by the broadcast station.)

Selecting a special channel as a favorite channel

1 Press [**MENU**]. -The menu will appear.

2 Press [▲ ▼] to move to <**Setup**>, then press [**OK**].
-The <**Setup**> menu will appear.

3 Press [▲ ▼] to move to <**Guide**>, then press [**OK**].
-The <**Guide**> Menu will appear.

4 Press [▲ ▼] to move to <**Current Guide**>, then press [**OK**].
-The menu will disappear and information about the current channel will appear.

5 Press [▲▼] to move to a digital broadcast program, then press [**OK**].
-Detailed information about the selected digital broadcast program will appear.
(This is available when the original program supplies the relevant information.)

6 Press [**EXIT**] to exit from the menu.

Useful Tips

☛ Detailed information about the channel will not appear unless it is provided by the broadcast station.

All Program Information

Viewing the air time and information for all channels. (This is only available for digital broadcasting)

GUIDE

Pressing [**GUIDE**] displays information for all channels.
The basic broadcasting guide default should be <**All Guides**>.
(The Program guide may change without notice by the broadcasting station.)

Selecting a special channel as a favorite channel

1 Press [**MENU**]. -The menu will appear.

2 Press [▲ ▼] to move to <**Setup**>, then press [**OK**].
-The <**Setup**> menu will appear.

3 Press [▲ ▼] to move to <**Guide**>, then press [**OK**].
-The <**Guide**> Menu will appear.

4 Press [▲ ▼] to move to <**All Guides**>, then press [**OK**].
(The menu will disappear)
-View information for all channels.

Checking the strength of the digital signal

This shows the current digital signal strength as a picture.

Before Starting

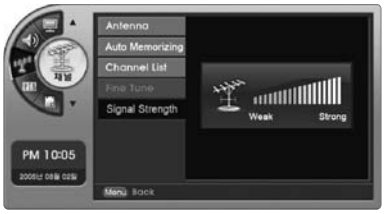
☛ Keep the digital TV receiving mode as is.

1 Press [**MENU**]. -The menu will appear.

2 Press [▲ ▼] to move to <**Channel**>, then press [**OK**].
-The <**Channel**> menu will appear.

3 Press [▲ ▼] to move to <**Signal Strength**>, then press [**OK**].
-The reception sensitivity will be shown in the menu.

4 Press the [**EXIT**] button to exit the menu.



Menu Transparency Settings

Menu Transparency sets the background transparency of the menu.

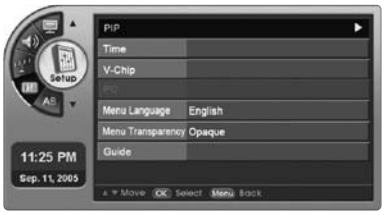
1 Press [**MENU**]. -The menu will appear.

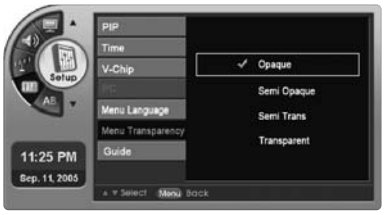
2 Press [▲ ▼] to move to <**Setup**>, then press [**OK**].
-The <**Setup**> menu will appear.

3 Press [▲▼] to move to <**Menu Transparency**>, then press [**OK**].
- <**Menu Transparency**> will be selected.

4 Press [▲ ▼] to select the transparency, then press [**OK**].
-There are 4 options in menu transparency: <**Opaque**>, <**Semi Opaque**>, <**Semi Trans**> and <**Transparent**>.

5 Press [**EXIT**] to exit the menu.





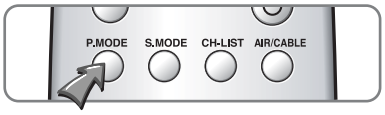
Power Saving Mode Settings

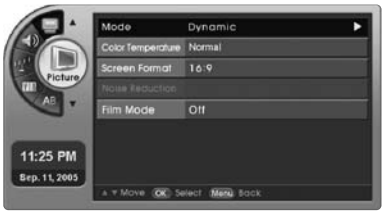
Press [**E.SAVING**].

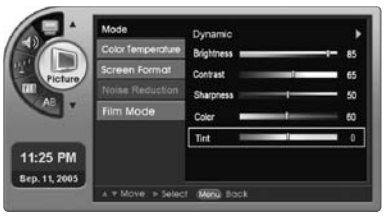
- Each time [**E.SAVING**] is pressed, <**Standard**> and <**Saving**> modes are switched. <**Saving**> mode conserves power.

Screen Mode Settings

*Press [**P.MODE**] to recall a pre-set screen type*







P.MODE

Press [**P.MODE**].
Each press of the button changes the picture mode from <**Standard**> ➔ <**Dynamic**> ➔ <**Mild**> ➔ <**Manual**>.

1 Press [**MENU**]. -The menu will appear.

2 Press [▲ ▼] to move to <**Picture**>, then press [**OK**].
-The <**Picture**> Menu will appear.

3 Press [▲ ▼] to move to <**Mode**>, then press [**OK**].
-The <**Mode**> Menu will appear.

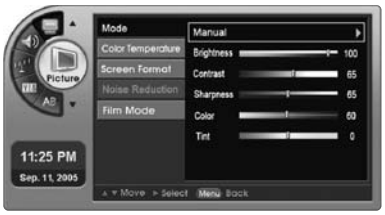
4 Press [►] to select a screen mode.
<**Standard**>, <**Dynamic**>, <**Mild**>, <**Manual**> can be selected

5 Press [**EXIT**] to exit the menu.

Screen Mode

- **Standard** : The manufacturer default for the optimal conditions, status.
- **Dynamic** : Select this for a brighter screen. You will be able to see the screen more clearly.
- **Mild** : Select this for a darker screen. It has the advantage of saving power and making your eyes less tired.
- **Manual** : You can select your own defined screen setting conditions.

Screen Custom Mode Settings



Screen Adjustment Menu

- **Brightness** : Brightens or darkens the screen
- **Contrast** : Adjusts the difference in brightness between objects and the background
- **Sharpness** : Controls blurring and transparency
- **Color** : Controls the lightness or darkness of the colors
- **Tint** : Adds red or green to the picture

Adjusting the user screen

1 < **Before Starting** >
The <**Mode**> needs to be changed to <**Manual**> in the menu.

2 Press [▲ ▼] and move to a menu, then press [**OK**].
-An additional adjustment bar will appear.

3 Press [▲ ▼] and move to a location, then press [**OK**].
-Press [▲ ▼] to move to <**Brightness**>, <**Contrast**>, <**Sharpness**>, <**Color**> or <**Tint**>.

4 Press [**EXIT**] to exit the menu.

Useful Tips

- ☛ Adjusted values will be save as a <Manual> mode value.
- ☛ Screen mode and custom value adjustments will be saved individually (TV, external input 1,2, S-Video etc).