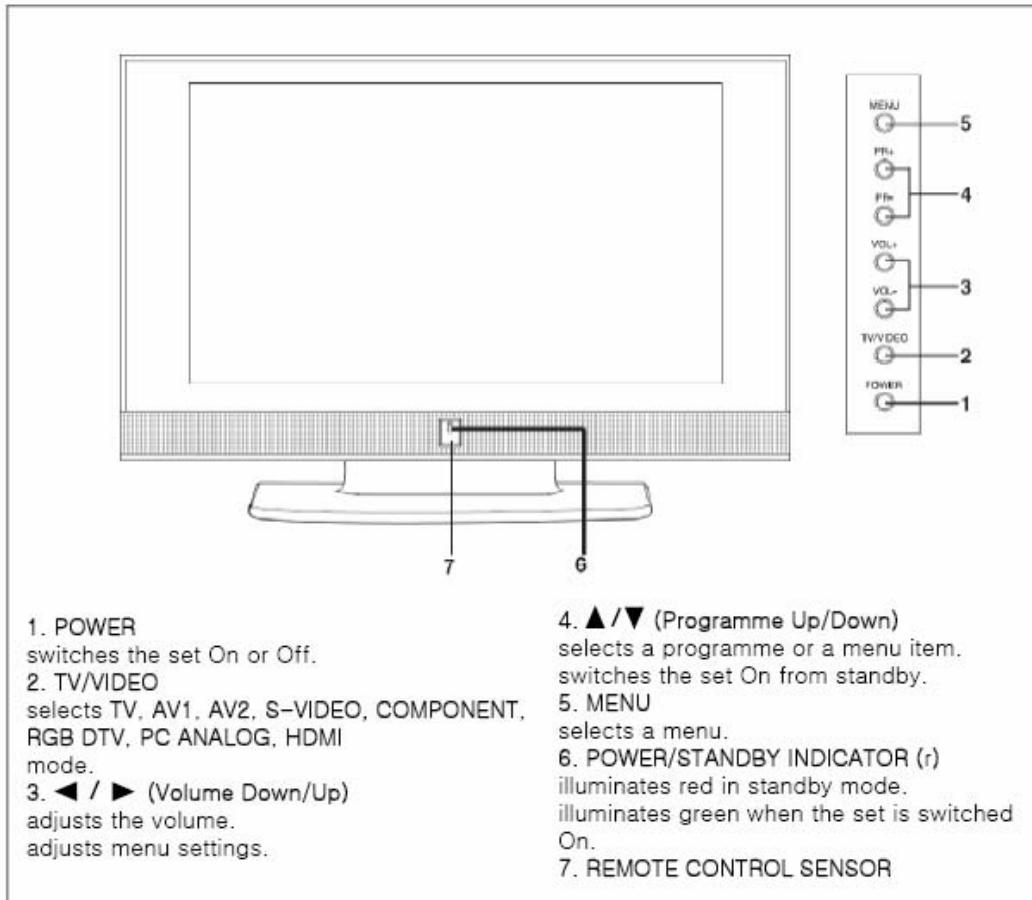


## Appendix 6. Operational Description

### Chapter 1 General Information

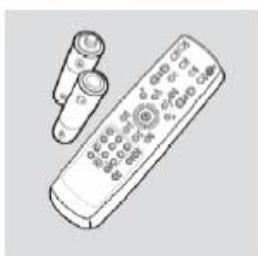
#### Front panel and parts



#### Checking the parts

(The picture of the product may vary depending on the model)

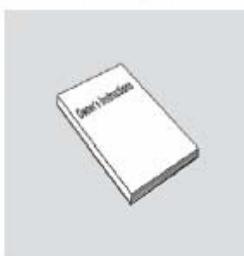
Remote Control / Battery



Power Cable

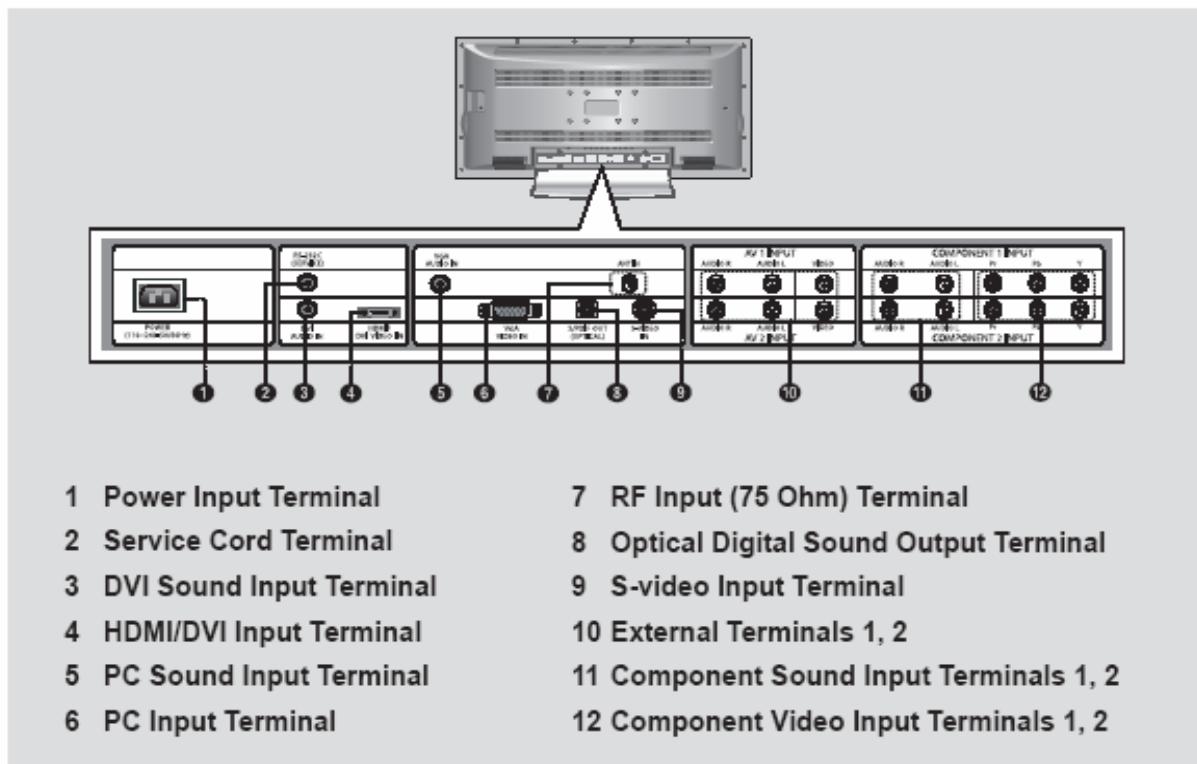


Owner's Instructions



## Rear panel and Connections

(The picture of the product may vary depending on the model)



### Connection Cables

(The picture of the product may vary depending on the model)

HDMI Connector  
(Optional: not included)  
Connect to Terminal ④.



HDMI/DVI Connector  
(Optional: not included)  
Use when DVI input ④ terminal.



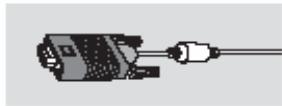
Digital Sound Connector  
(Optional: not included)  
Connect to Connector ⑧.



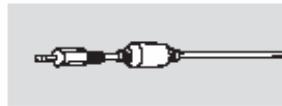
S-Video Connector  
(Optional: not included)  
Connect to Connector ⑨.



PC Cable  
(Optional: not included)  
Connect to Connector ⑤.



DVI/PC Sound Cable  
(Optional: not included)  
Connect to Connectors ③, ⑤.



Component Signal Cable  
Connect into Connector ⑫.



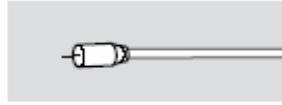
Sound Cable  
Connect to Connector ⑪.



AV Cable  
(Optional: not included)  
Connect to Connector ⑩.



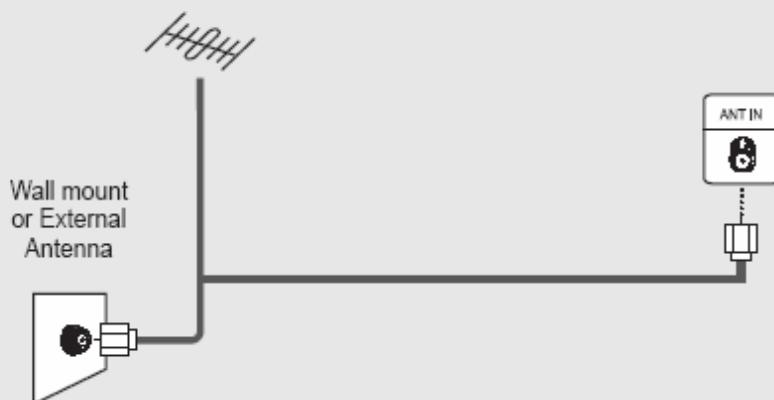
Coaxial Cable  
Connect to Connector ⑦.



## Connecting an Antenna

There are internal and external types of antennae.

### Connecting an Antenna



Chapter 2 Connections and External Input Settings

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.

**Caution** ■ Avoid bending the copper tip at the center of the coaxial cable.

#### Useful Tips

- 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.

## Viewing Air Channels

- 1 Turn on the TV and follow the steps in [Automatic Channel Settings].  
(Useful Tips p.12)

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 [Automatic Channel Settings].  
(Useful Tips p.12)

Currently all broadcast Air (Analog, Digital) and Cable (Analog, Digital) channels have been memorized.

- 2 ■ 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 61, press '6' → '1' → and the [Select] button.

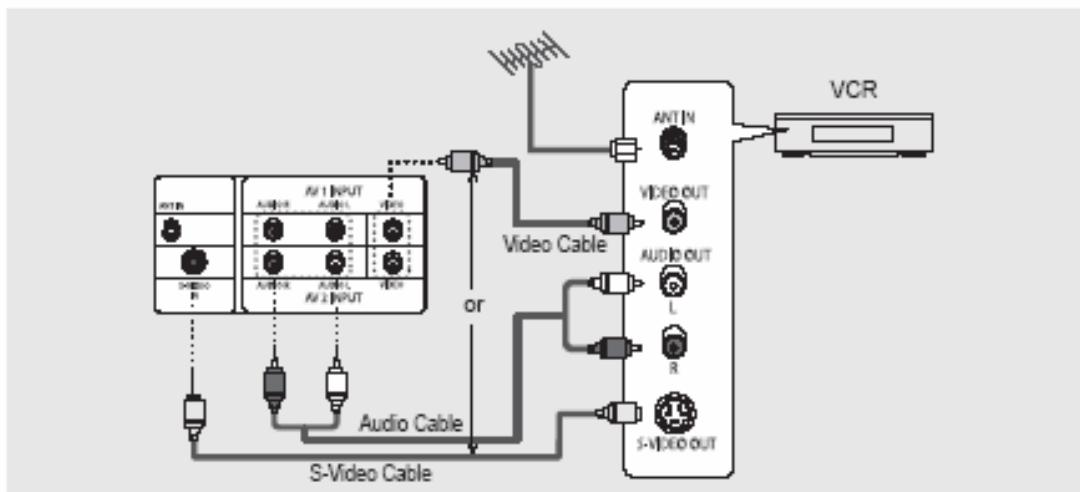


**Caution** ■ When not in (TV) mode, changing the channel is not performed.

## Connecting a VCR

External devices may have different terminals for the same functions.

### Connecting the video/sound cables



Chapter 2 Connections and External Input Settings

- 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.

#### 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).

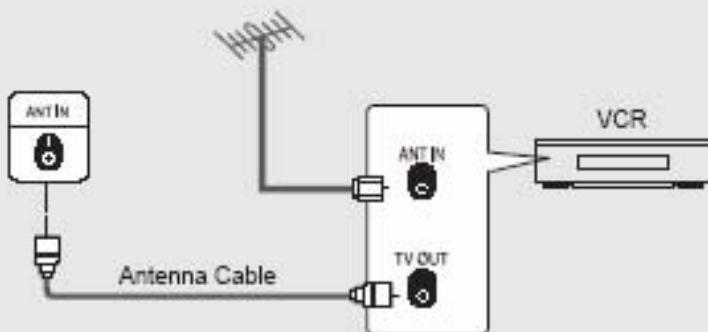
### Watching a VCR

- 1 Turn on the TV and press the INPUT button, then select [VIDEO1] or [VIDEO2]. If (external input) mode is not selected, check your video connection.
- 2 Turn on the VCR and press the play button.

**Useful Tips** ■ When connecting a TV and VCR with an S-Video cable, press the [INPUT] button to select [S-VIDEO].



## Connecting a Coaxial Cable



- 1 Connect the antenna cable to the [Antenna Input] terminal at the back of the VCR.

**Caution** ■ Avoid bending the copper tip of the coaxial cable.

- 2 Connect the same coaxial cable to the [AIR] terminal or [CABLE] terminal at the back of the TV or the [TV OUT] terminal at the back of the Video and TV.

## Watching a VCR

- 1 Move the switch at the back of the VCR to 3 or 4.
- 2 Turn the TV on and select Channel 3 or 4.
- 3 Turn on the VCR and press the play button.  
ex) Selecting Channel 4

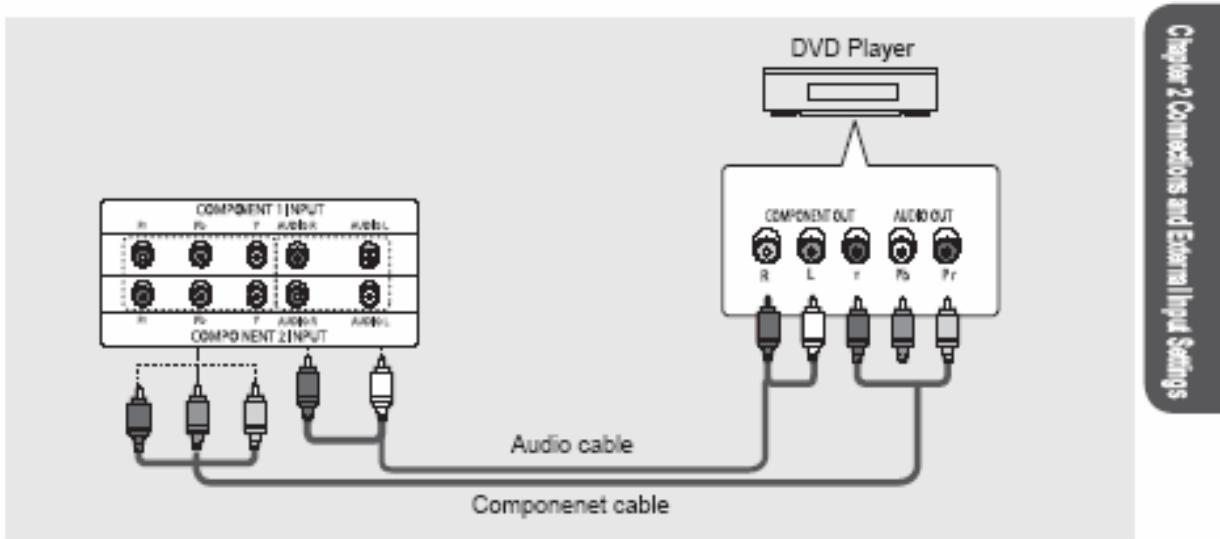
CHANNEL  
CH3 CH4

Air 4  
• Mono

## Connecting a DVD Player

External devices may have different connecting terminals.

### Connecting to a DVD player



Chapter 2 Connections and External Input Settings

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 [COMPONENT 1 sound input left/right] or the [COMPONENT 2 sound input left/right] (white/red) input terminal and the [sound output] (white/red) output terminal of the DVD with the sound connectors.

#### Caution

- While connecting the component cable, and the output terminals Y, Pb, Pr are switched, the screen will appear red or blue.

#### 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.

### Viewing a DVD

- Turn on the TV, press the INPUT button, then select [COMPONENT1] or [COMPONENT2].  
If [component] mode is not selected, check if the component connectors are connected.
- Turn on the DVD player and press the play button on the DVD player.

#### Useful Tips

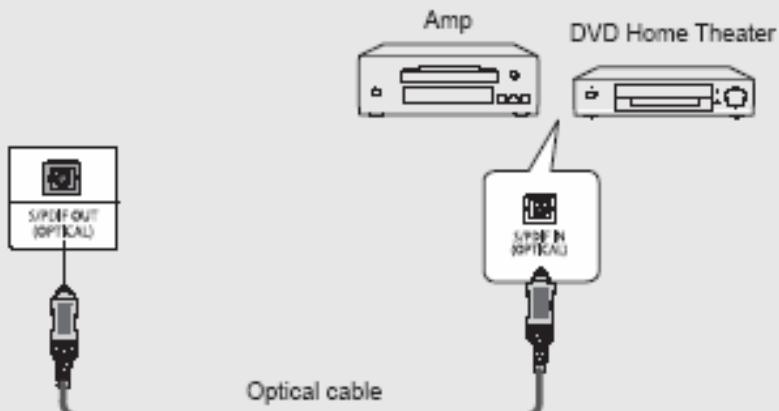
- When connecting the [TV] and the [DVD] with the HDMI cable, press the [INPUT] button and select (HDMI).



## Connecting a Home Theater

External devices may have different connecting terminals

### Connecting a Home Theater



**1** Connect the [Digital Audio Output] at the back of the TV and the [Digital Audio input] terminal of the DVD Home Theater (or AV amp) using an optical digital sound cable.

**2** Press MUTE to turn off the sound of the TV, or set the [Internal Speaker] to [Off].(Refer to p.66)

#### Useful Tips

- See the amplifier instructions for connecting the speakers and the DVD Home Theater or AV Amp.
- Connect the [Digital Audio output] terminal at the back of the TV to the DVD Home Theater or AV Amp to view digital broadcasts using 5.1 channel speakers.

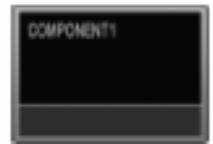
### Watching a DVD title with Home Theater

**1** Turn on the TV and press the INPUT button to select [COMPONENT1] or [COMPONENT2].  
If [COMPONENT] mode is not selected, check if the component cable is connected properly.

**2** Turn on the DVD Home Theater and test it by playing a DVD title.

#### Useful Tips

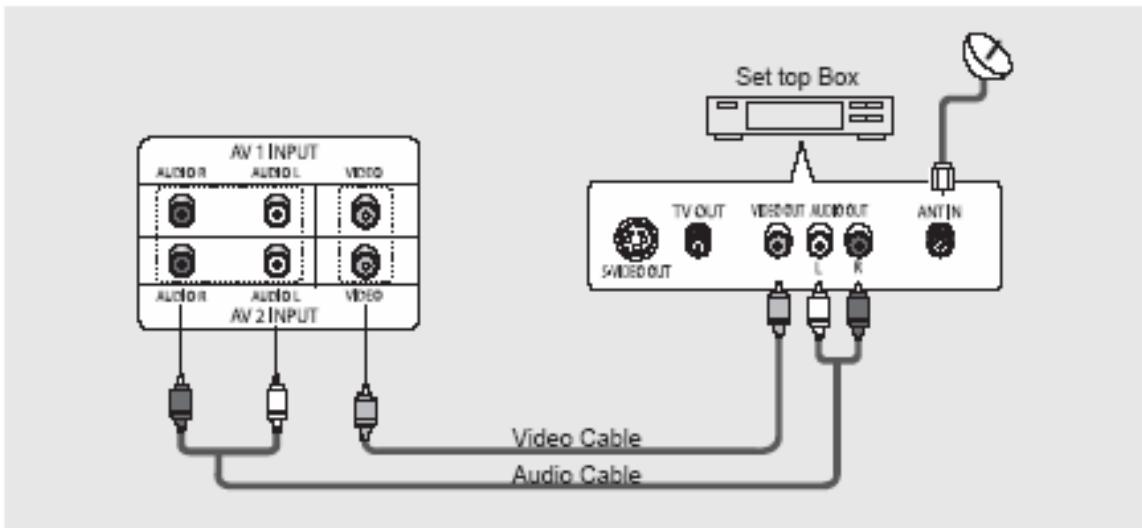
- See the instructions for the DVD Home Theater or for Connecting and Using a DVD Player (refer to p.31) for the DVD video input.
- To connect a TV and a DVD Home Theater using an HDMI cable, press the [INPUT] button to select (HDMI).



## Connecting a Cable/Satellite

A proper cable or satellite provider is required  
External devices may have different connection terminals

### Connecting to Video/Audio



Chapter 2 Connections and External Input Settings

1

Connect the cable/satellite antenna to the [Aantenna signal input] on the rear panel of the receiver.

2

Connect the [AV1 video input] or [AV2 video input] (Yellow) terminal to the rear panel of the Cable/Satellite receiver using video connectors.

3

Connect the [AV1 sound input left/right] or [AV2 sound input left/right] (white/red) terminal to the rear panel of the Cable/Satellite receiver using audio connectors.

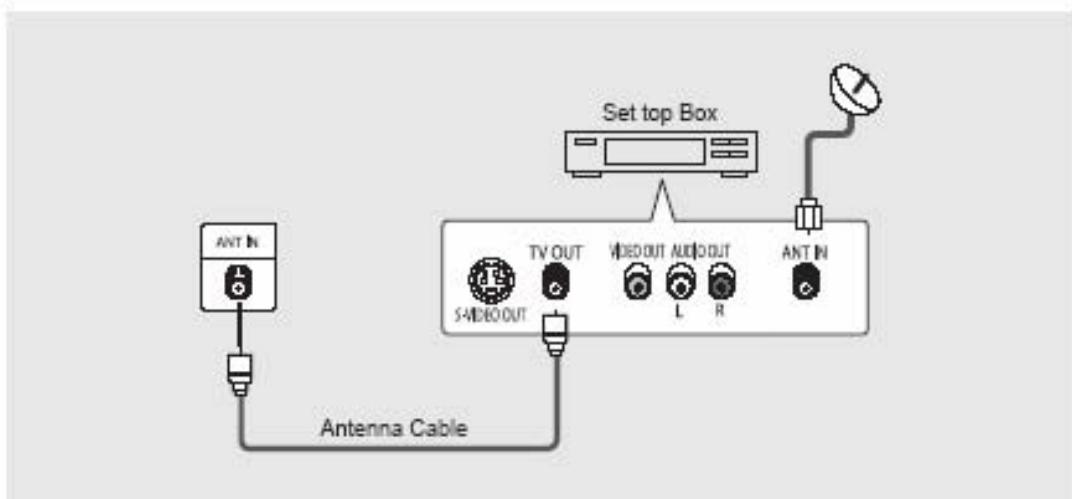
### Watching Cable/Satellite broadcast

- 1 Turn on the TV, press INPUT and select [VIDEO1] or [VIDEO2].
- 2 Turn on the cable/satellite receiver and select the channel you want to watch using the remote control.

**Useful Tips** ■ If you have connected the TV and cable receiver using an S-Video cable, press [INPUT] and select (S-VIDEO).



## Connecting with a coaxial cable



**1** Connect the Cable/Satellite antenna cable to the [Antenna signal input] terminal of the rear panel.

**Precautions** ■ Avoid bending the copper tip at the center of the coaxial cable.

**2** Connect the [CABLE] on the back of the TV to the [TV signal output] terminal on the back of the Cable/Satellite receiver.

**Useful Tips** ■ If you would like to record cable/satellite programs, in step (2), instead of pressing [CABLE], connect the [Antenna input] terminal and the receiver's [TV signal output] (Refer to the instruction manual of the VCR).

## Watching Cable/Satellite

- 1 Set the dip switch on the rear panel of the Cable/Satellite receiver to 3 or 4.
- 2 Turn on the TV and select channel 3 or 4.
- 3 Turn on your cable/satellite receiver and select channels using the remote control.

CHANNEL  
CH3  CH4

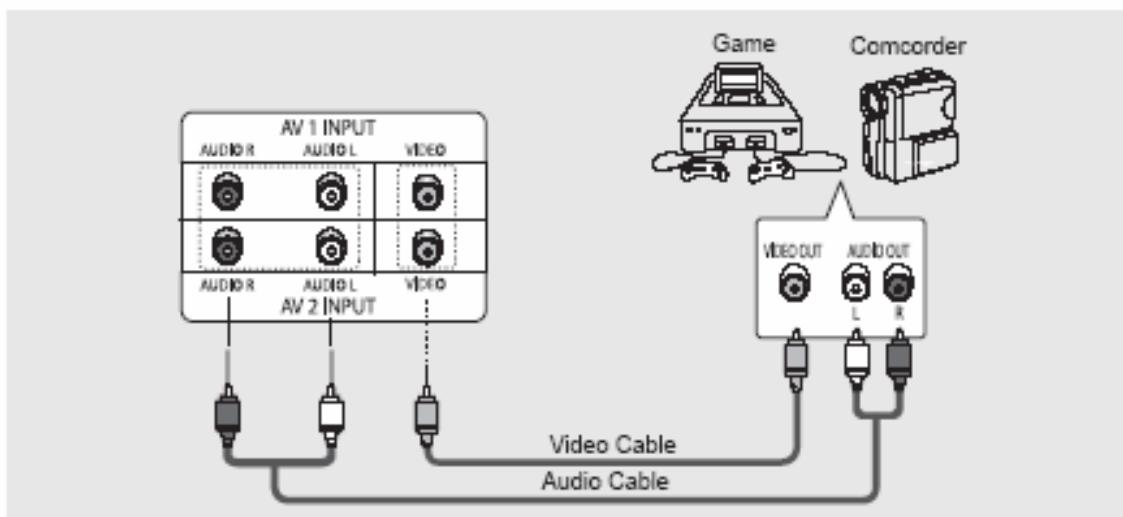
At 4

■ Mono

## Connecting a Camcorder/Gaming Device

Applies to all external devices connected to the video/sound terminal.

### Connecting a camcorder or Gaming Device



Chapter 2 Connections and External Input Settings

**1** Connect the [AV1 video input] on the rear panel of the TV or the [AV2 video input] (Yellow) to the [video output] (yellow) of the external device using the video cable.

**2** Connect the [AV1 sound input left/right] or the [AV2 sound output left/right] (white/red) terminal to the [Sound output] (white/red) terminal of the external device using a sound cable.

**3** Connect the TV and camcorder after all other connections are done.

#### Useful Tips

- Connect the Gaming Device and other devices as above.
- If your Gaming Device has a [component output] terminal, then connect the [component sound/video input] terminal of the TV and the [Component sound/video output] terminal of the Gaming Device.

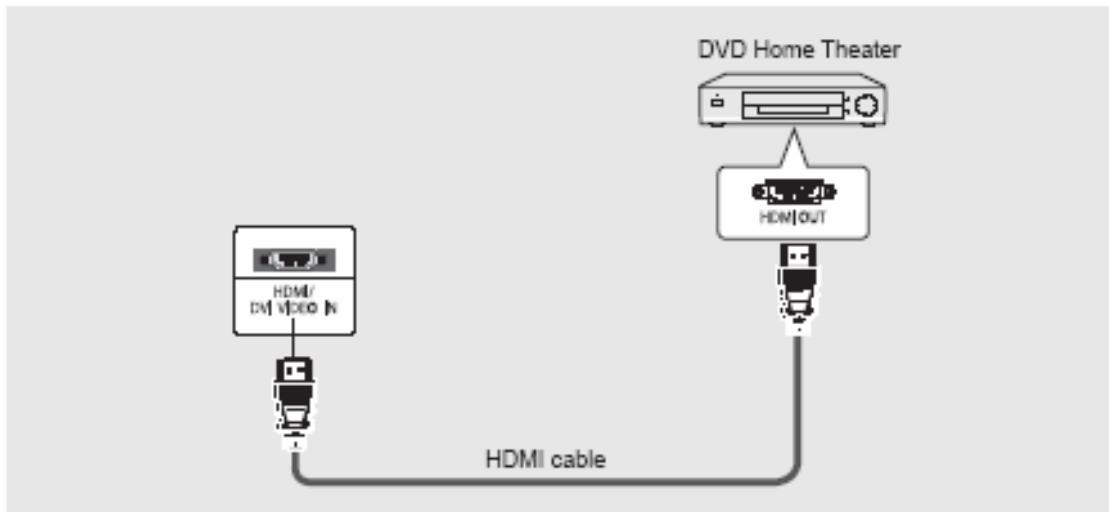
### Watching recorded materials from the camcorder

- 1 Turn on the TV and press INPUT, then select [AV1] or [AV2]. If you cannot select the external input, check the video cable connection.
- 2 Press the play button on the camcorder.  
For detailed descriptions refer to the camcorder instruction manual.



## 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.

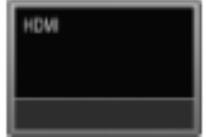
■ What is HDMI (High-Definition Multimedia Interface)? A next generation interface that connects the digital audio and video signals using only one cable without compression. The sound signal also carries multi-channel (5:1 Channel) so that it is properly called a multimedia interface rather than a video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

### 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.

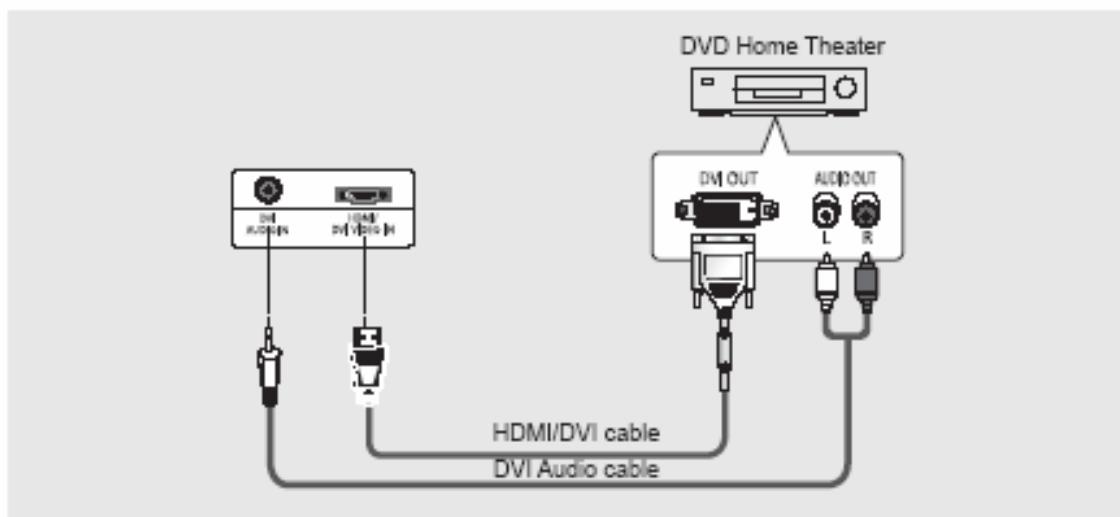
**Useful Tips**

- 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.



## Connecting a DVI Connection

### Connecting via DVI



Chapter 2 Connections and External Input Settings

- 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.

**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)

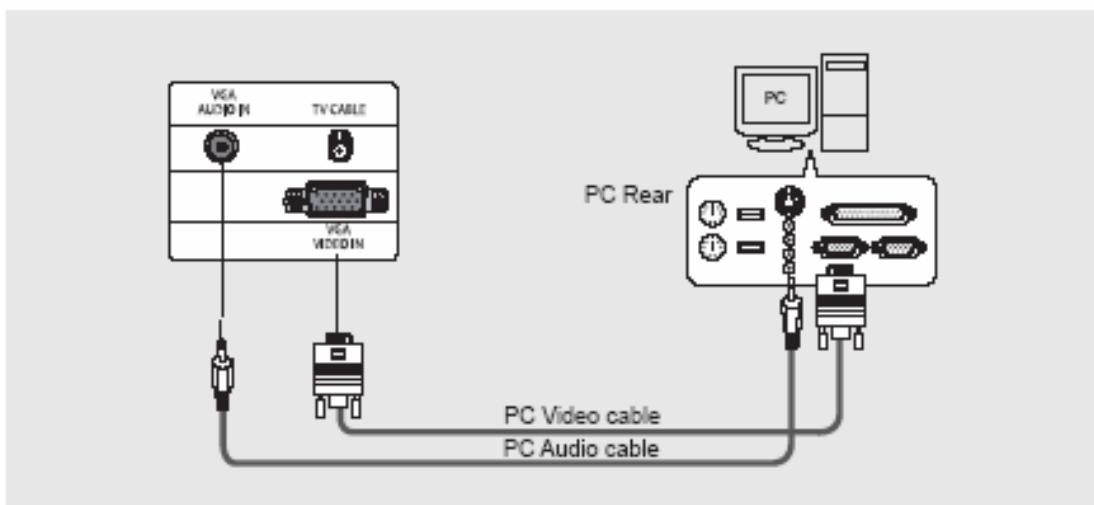
### Watching stream via the DVI connector

- 1** Turn on the TV and press [INPUT], then select <HDMI>.
- 2** Operate the external device connected via DVI.



## Connecting a PC

### Connecting a PC



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

**Useful Tips** ■ Audio output is only available for PCs with a sound output terminal

**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.

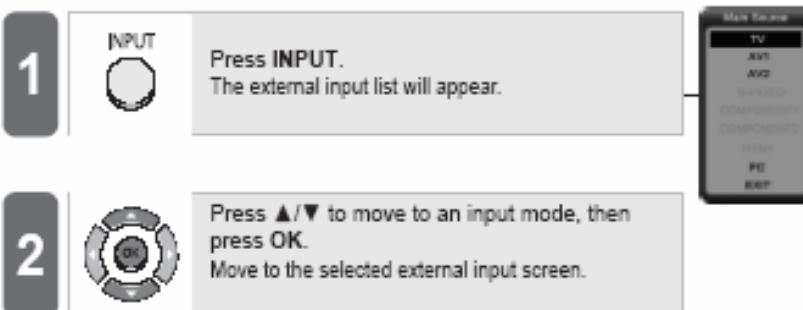
### Watching a PC screen on a TV

- 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.
  - Setting up your PC is referred to in p.90.
- 2 Turn on the TV and press INPUT, then select [PC].
- 3 Adjusting the PC screen.  
Refer to p.x91~95 for adjustments



## TV/ External Input Settings

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



**Useful Tips**

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

## Specifications

Model Name		LT-3270AAD (32")
LCD Panel	Size	32"
	Display Size	1366(H) X 768(V)
	Color	16.7 million
	Viewing Angle	170° (H), 170° (V)
RF	Air	2ch ~ 69ch
	Cable	1ch ~ 139ch
TV	Video System	NTSC-M (Analog), ATSC (Digital)
	Sound System	MTS
VIDEO	Color System	NTSC-M
	Video System	CVBS, S-VHS
Component	Video Input	480i, 480p, 720p, 1080i
	Audio Input	500mVrms
PC	Frequency	Horizontal
		30 ~ 60kHz
	Vertical	60 ~ 75Hz
	Display Colors	
	Resolution	1280 X 1024, 60 Hz
		1366 X 768, 60 Hz
Audio	Speaker	
	Tweeter Speaker	
Power Supply Input		AC 100V - 240V~, 50/60 Hz
Power Consumption		Max 160W
E.Saving		90W
Dimension (W x D x H)		810mm x 245mm x 615mm
Weight		16.5Kg
Control type		Remote control use: Infrared
		Electronic functional use