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Safety Precautions

Please read these safety precautions carefully before using the product.

 **Warning** If you ignore the warning message, you may be seriously injured or there is a possibility of accident or death.

 **Caution** If you ignore the caution message, you may be slightly injured or the product may be damaged

● Precautions in installing the Product

Warning

- **Keep away from heat sources like electrical heaters.**
 - Electrical shock, fire, malfunction or deformation may occur.
- **Keep the packing anti-moisture material or vinyl packing out of the reach of children.**
 - Anti-moisture material is harmful if swallowed. If swallowed by mistake, force the patient to vomit and visit the nearest hospital. Additionally, vinyl packing can cause suffocation. Keep it out of the reach of children.
- **Do not put heavy objects on the product or sit upon it.**
 - If the product collapses or is dropped, you may be injured. Children must pay particular attention.
- **Do not leave the power or signal cable unattended on the pathway.**
 - The passerby can falter, which can cause electrical shock, fire, product breakdown or injury.
- **Install the product in a neat and dry place.**
 - Dust or moisture can cause electrical shock, fire or product damage.
- **If you can smell smoke or other odors or hear a strange sound unplug the power cord and contact the service center.**
 - If you continue to use without taking proper measures, electrical shock or fire can occur.
- **If you dropped the product or the case is broken, turn off the product and unplug the power cord.**
 - If you continue to use without taking proper measures, electrical shock or fire can occur. Contact the service center.
- **Do not drop metallic objects such as coins, hair pins, chopsticks or wire into the product, or inflammable objects such as paper and matches. Children must pay particular attention.**
 - Electrical shock, fire or injury can occur. If a foreign object is dropped into the product, unplug the power cord and contact the service center.

Caution

- **Make sure the product ventilation hole is not blocked. Install the product in a suitably wide place (more than 10cm from the wall)**
 - If you install the product too close to the wall, it may be deformed or fire can break out due to internal heat.
- **Do not block the ventilation hole of the product by a tablecloth or curtain.**
 - The product can be deformed or fire can break out due to overheating inside the product.
- **Install the product on a flat and stable place that has no risk of dropping the product.**
 - If the product is dropped, you may be injured or the product may be broken.
- **Install the product where no EMI occurs.**
- **Keep the product away from direct sunlight.**
 - The product can be damaged.

● Electrical Power Related Precautions

⚠ Warning

- **Make sure to connect the power cable to the grounded current.**
 - You may be electrocuted or injured.
- **Use the rated voltage only.**
 - The product can be damaged, or you may be electrocuted.
- **During a thunder or lightning storm, unplug the power cable or signal cable.**
 - You may be electrocuted or a fire can break out.
- **Do not connect several extension cords, electrical appliances or electrical heaters to a single outlet. Use a power bar with a grounding terminal designed for exclusive use with the computer.**
 - A fire can break out due to overheating.
- **Do not touch the power plug with wet hands. Additionally, if the cord pin is wet or covered with dust, dry the power plug completely or wipe dust off.**
 - You may be electrocuted due to excess moisture.
- **If you don't intend to use the product for a long time, unplug the power cable from the product.**
 - Covering dust can cause a fire, or insulation deterioration can cause electric leakage, electric shock or fire.
- **Fix the power cable completely.**
 - If the power cable is not fixed completely, a fire can break out.
- **Hold the plug when pulling out the power cable. Do not bend the power cord with excessive force or put heavy objects on the power cord.**
 - The power line can be damaged, which may cause electric shock or fire.
- **Do not insert a conductor (like a metal chopstick) into one end of the power cable while the other end is connected to the input terminal on the wall. Additionally, do not touch the power cable right after plugging into the wall input terminal.**
 - You may be electrocuted.

⚠ Caution

- **Do not unplug the power cord while the product is in use.**
 - Electrical shock can damage the product.

● Precautions in Moving the Product

⚠ Warning

- **Make sure to turn off the product.**
 - You may be electrocuted or the product can be damaged.
- **Make sure to remove all cables before moving the product.**
 - You may be electrocuted or the product can be damaged.

Safety Precautions

Caution

- **Do not shock the product when moving it.**
 - You may be electrocuted or the product can be damaged
- **Do not dispose the product-packing box. Use it when you move.**
- **Make the panel face forward and hold it with both hands to move.**
 - If you drop the product, the damaged product can cause electric shock or fire. Contact with the service center for repair.

Precautions in Using the Product

Warning

- **Do not disassemble, repair or modify the product at your own discretion.**
 - Fire or electric shock accident can occur.
 - Contact the service center for check, calibration or repair.
- **Do not spray water on the product or scrub with an inflammable substance (thinner or benzene). Fire or electric shock accident can occur**
- **Keep the product away from water.**
 - Fire or electric shock accident can occur.

Caution

- **Do not put or store inflammable substances near the product.**
 - There is a danger of explosion or fire due careless handling of the inflammable substances.
- **When cleaning the brown tube surface, unplug the power cord and scrub with soft cloth to prevent scratching. Do not clean with a wet cloth.**
 - The water can sink into the product, which can cause electric shock or serious malfunction.
- **Take a rest from time to time to protect your vision.**
- **Keep the product clean at all times.**
- **Take a comfortable and natural position when working with a product to relax the muscles.**
- **Take a regular break when working with a product for a long time.**
- **Do not press strongly upon the panel with a hand or sharp object such as nail, pencil or pen, or make a scratch on it.**
- **Keep proper distance from the product.**
 - Your vision may be impaired if you look at the product too closely.
- **Set the appropriate resolution and clock by referring to the User's Guide.**
 - Your vision can be impaired.
- **Use authorized detergent only when cleaning the product. (Do not use benzene, thinner or alcohol.)**
 - Product can be deformed.

On Disposal

- The fluorescent lamp used in this product contains a small amount of mercury.
- Do not dispose of this product with general household waste.
Disposal of this product must be carried out in accordance to the regulations of your local authority.

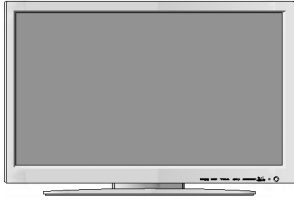
Accessories

Please check the accessories in the product package.

* The product and the accessories can be different from the figures shown here.

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Desktop Stand Type



Free Mount Type



OR

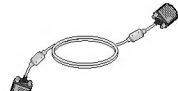
Product



Remote Control/
Batteries



User's Guide/
Driver CD/Cards



15-pin D-Sub Signal
Cable



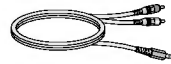
DVI-D Signal Cable



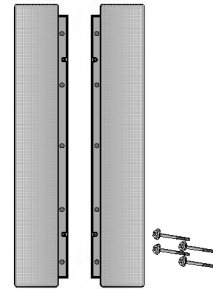
Power Cord



Audio Cable (PC)



RCA-PC
Audio Cable



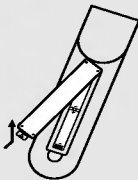
Speaker kit / Screws
(Applicable only for models
that support the speakers)

Optional

Wall-mount Rack

Please refer to the enclosed "Installation Guide" when installing the wall-mount rack.

Inserting batteries into remote control.



1. Take out the battery cap.

2. Insert batteries with correct polarity (+/-).

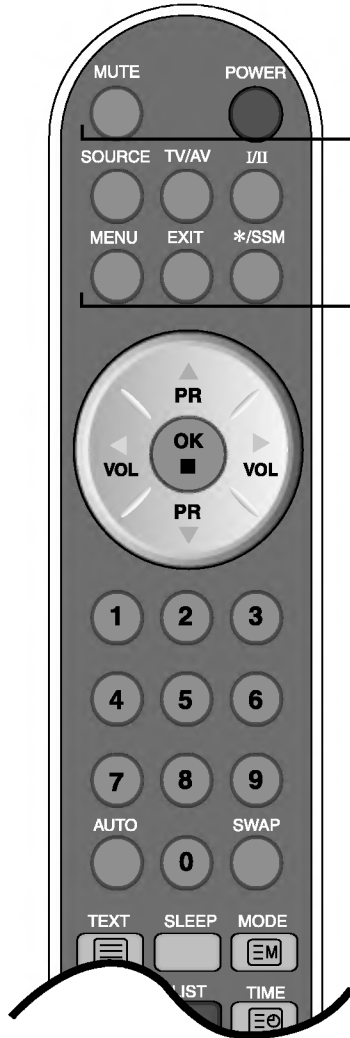
3. Close the battery cap.

- You can use a remote control 7 meter distance and 30 degree (left/right) within the receiving unit scope.
- Dispose of used batteries in the recycle bin to prevent environmental pollution.

Using the Remote Control

● Name of the Remote Control Buttons

Remote Control



MUTE
POWER

MENU

Use this button to enter the On Screen Display menu.

EXIT

Use this button to exit the On Screen Display menu.

***SSM (Sound Status Memory)**

Use this button to select the sound tone.

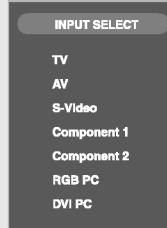
Press repeatedly to select **Flat, Music, Movie, Speech, User** sound tone.

● Name of the Remote Control Buttons

Remote Control



SOURCE



If you press the button once, the following Input Signal Window will appear. Select the signal type you want using the ▼▲ button.

TV/AV : TV/AV button

TV > AV > S-Video > Component 1 > Component 2

I/II : Bilingual choice and sound mode selection (TV only)

Press this button

- to switch from **Stereo** to **Mono** sound in case of stereo transmission, or from **Nicam Stereo** to **Nicam Mono**, in case of digital transmission.
- to switch from **Nicam Dual I** to **Nicam Dual II** or **Nicam Dual I+II** in case of Nicam Dual transmission.
- to choose between **Dual I**, **Dual II** or **Dual I+II** in case of bilingual transmission :
Dual I sends the primary broadcast language to the loudspeakers ;
Dual II sends the secondary broadcast language to the loudspeakers ;
Dual I+II sends a separate language to each loudspeakers.

Sound output selection (AV, RGB, DVI only)

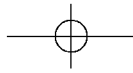
In **AV, RGB, DVI** mode, you can select output sound for the left and right loudspeakers.

Repeatedly press the **I/II** button to select the sound output.

- L+R : Audio signal from audio L input is sent to the left loud speaker and audio signal from audio R input is sent to the right loud speaker.
- L+L : Audio signal from audio L input is sent to left and right loud-speakers.
- R+R : Audio signal from audio R input is sent to left and right loud-speakers.

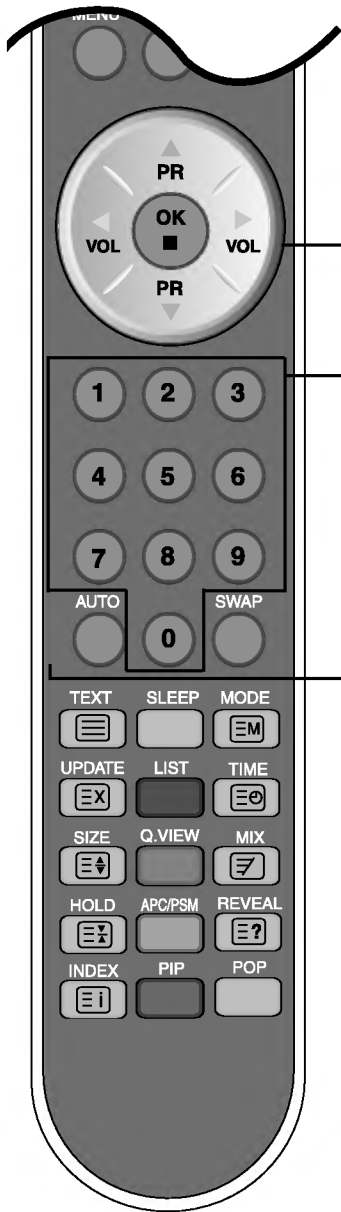
■ **NOTE** : In case of weak stereo sound signals, with stereo or Nicam stereo transmission, select mono reception.

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Using the Remote Control

Remote Control

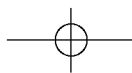


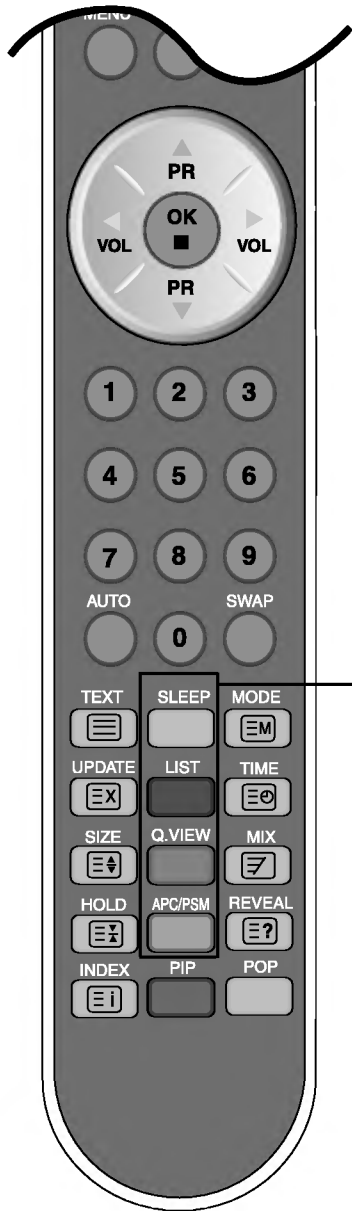
PR (▲ ▼) Buttons
VOL (◀ ▶) Buttons
OK Button

Number buttons

AUTO Button
•This function is to automatically search the available channels. It is available to the TV signal inputs only.
•This function is to automatically adjust your display image to the ideal settings for the current screen resolution size (display mode). It is available to the PC analog signal input only.

SWAP function
To switch the main-screen and sub-screen in PIP/POP/PBP mode.





SLEEP : SLEEP Timer

You can set a time period after which the **TV / AV / S-Video / Component 1/ Component 2** should switch itself to standby. Press the key repeatedly to select the number of minutes.

LIST : Programme list

To display the programme list (0~99).

PROGRAMME LIST			
0 _____	1 _____	2 _____	3 _____
4 _____	5 _____	6 _____	7 _____
8 _____	9 _____	10 _____	11 _____
12 _____	13 _____	14 _____	15 _____
16 _____	17 _____	18 _____	19 _____

Note: TV channels displayed in blue have been setup to be skipped in the Programme Edit menu

Q.VIEW : QUICK VIEW Button (See page A28)

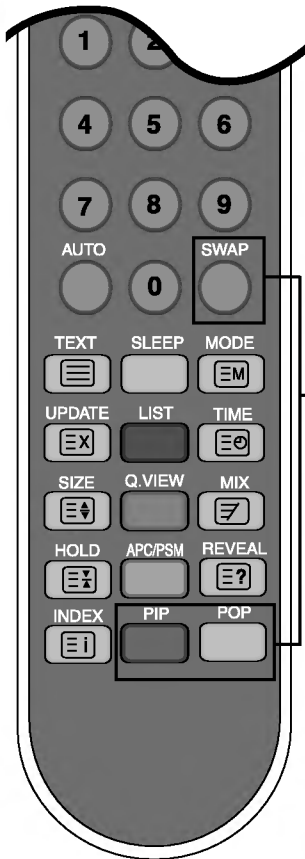
- * Favourite Program On : Rotate Favourite channel.
- * Favourite Program Off : To display the previously selected TV channel.

APC / PSM

Press repeatedly to select **Dynamic, Standard, Mild, Game** or **User** picture mode. This function is not supported in PC mode.

Using the Remote Control

Remote Control - PIP/POP/PBP function



1. PIP (Picture in Picture)

The sub-screen is changed in the order shown below.
: SMALL -> MEDIUM -> LARGE -> OFF

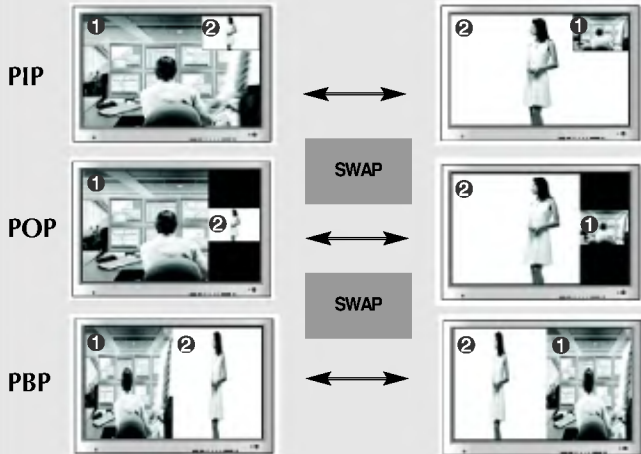
2. POP (Picture out Picture) Button

The sub-screen moves to the next mode whenever you press this button.
: POP ON -> PBP(FULL) -> PBP(4:3) -> OFF



3. SWAP Button

You can swap the main screen and the sub-screen when the PIP/POP/PBP function is used.



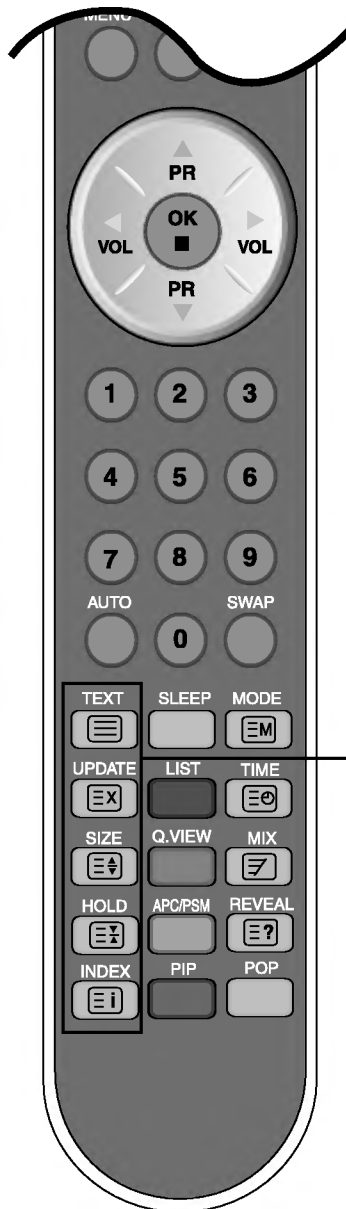
<Table of PIP/POP/PBP Function Support>

Main Screen / Sub-Screen	TV	AV	S-Video	COMPONENT 1	COMPONENT 2	RGB PC	DVI PC
TV	X	X	X	X	X	●	●
AV	X	X	X	X	X	●	●
S-Video	X	X	X	X	X	●	●
COMPONENT 1	X	X	X	X	X	●	●
COMPONENT 2	X	X	X	X	X	●	●
RGB PC	●	●	●	●	●	X	●
DVI PC	●	●	●	●	●	●	X

When 'Input Signal 1' comes on in the main screen, only 'Input Signal 2' can be displayed on the sub-screen. On the contrary, if the main screen displays 'Input Signal 2', the sub-screen can display 'Input Signal 1' only. You can swap 'Input Signal 1' and 'Input Signal 2' using the SWAP button.

*PIP function is not supported in 480i, 576i and 1080i modes.

Remote Control - Using the Teletext function



TEXT

To select the teletext on or off. The main index page or the last selected page appears on the screen together with an information headline and an option line at the bottom of the screen.

UPDATE

Press the button to appear the TV programme. At the top of screen indicates that you are still in the teletext mode. Before interrupting teletext, you may select a page number. When the page has been found, the information line appears briefly on your screen. Press the button again to reappear teletext.

SIZE

Press the button repeatedly to display the upper part, the lower part and then to return to the normal page size.

HOLD

Press the button to stop the automatically rotating of the subpages. Press the button again to continue the automatic rotating again.

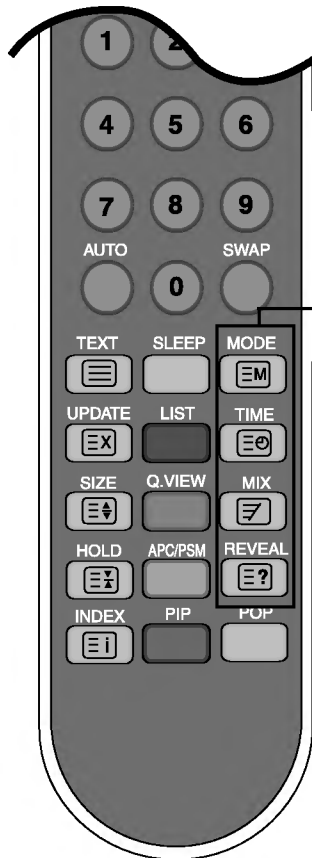
INDEX

To display the main index.

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Using the Remote Control

Remote Control - Using the Teletext function



MODE

The mode will be switched in the Teletext mode.

TIME

press this button to select a sub page number. The sub page number is displayed at the bottom of the screen. To hold or change the sub page, press the RED/GREEN, ▲▼ or NUMBER buttons. Press again to exit this function.

MIX

Display the teletext pages superimposed on the TV picture. To switch the TV picture off press this button again.

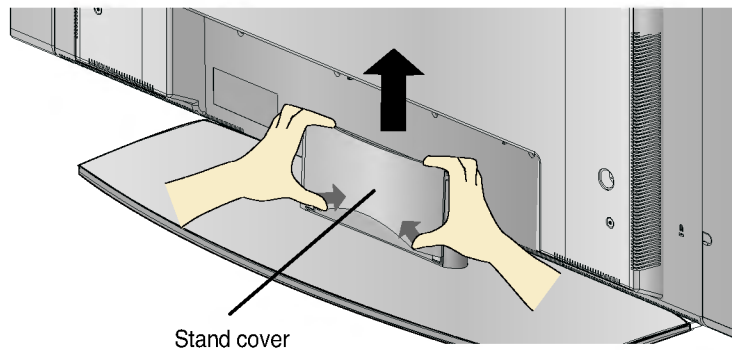
REVEAL

Press the button to reveal/conceal the hidden information, such as solutions to riddles and puzzles. Press this button again to remove the information from the display.

To arrange cables in order - Optional

* Applicable only for models that support the stand

1. Disassemble the **stand cover**. The cover may be easily disassembled by pressing down on the base as shown in the figure.



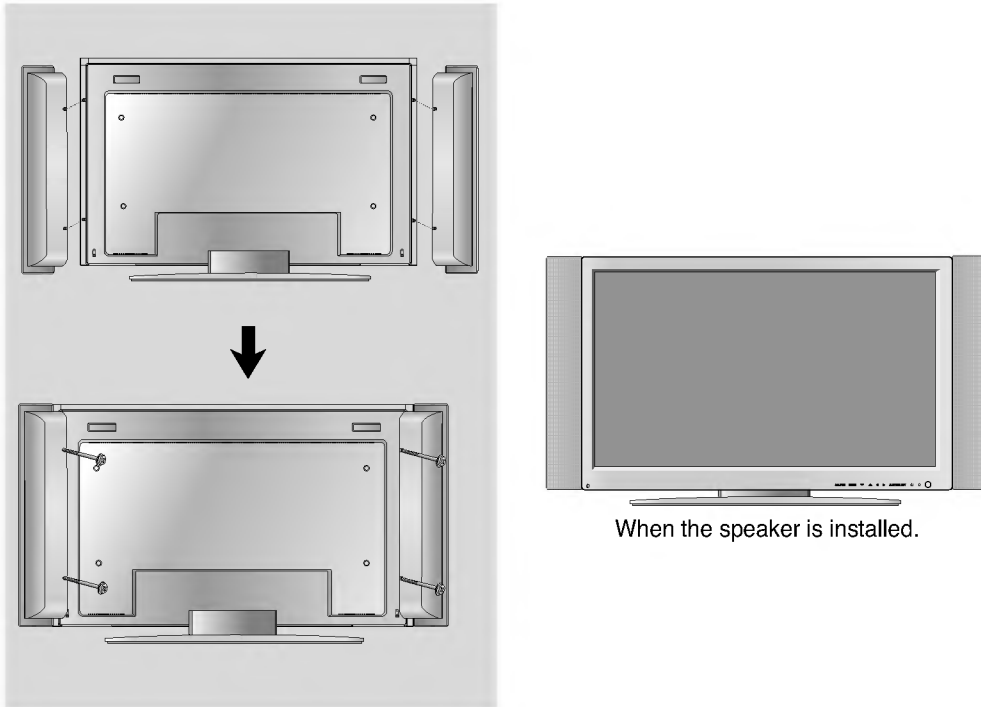
2. After connecting the cables, correctly position the stand cover into the holes on the stand. If securely connected, you will hear the latch click into place.

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Connecting the Speakers - Optional

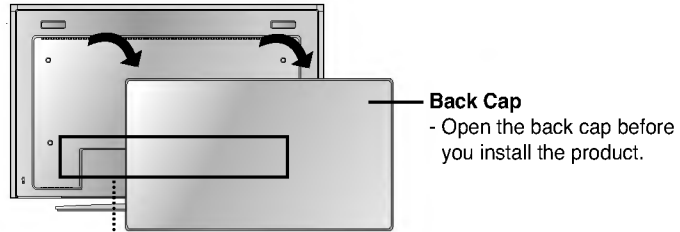
* Applicable only for models that support the speakers

Use the screws to secure the speakers on the rear side of the product as shown in the below figure.

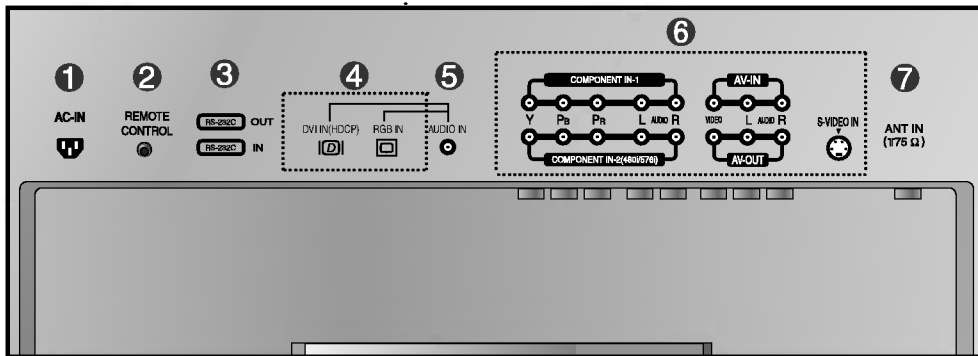


Name and Function of the Parts

Rear View



ENGLISH



- 1** Power Connector : Connect the power cord
- 2** Wired Remote Control Port
- 3** RS-232C Serial Ports
- 4** PC Signal Inputs
- 5** PC Sound Jack
: Connect the audio cable to the *LINE OUT jack of the PC sound card.
- 6** AV Input Ports
- 7** TV Tuner Jack : Connect the antenna.

*LINE OUT

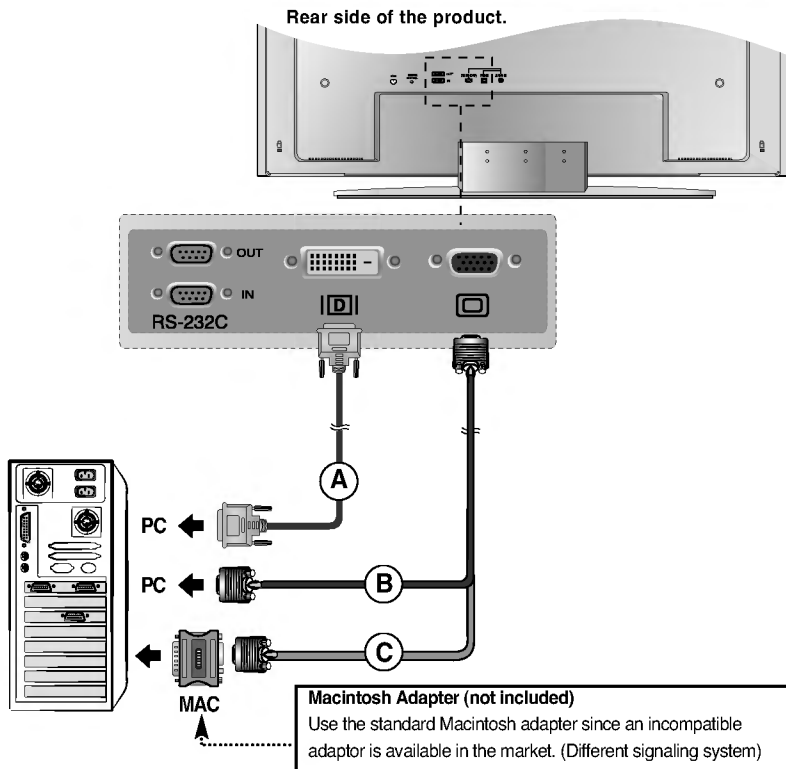
A terminal used to connect to the speaker including a built-in amplifier (Amp). Make sure that the connecting terminal of the PC sound card is checked before connecting. If the Audio Out of PC sound card has only Speaker Out, reduce the PC volume.

If the Audio Out of the PC sound card supports both Speaker Out and Line Out, convert to Line Out using the card jumper of the program (Refer to the Sound Card Manual).

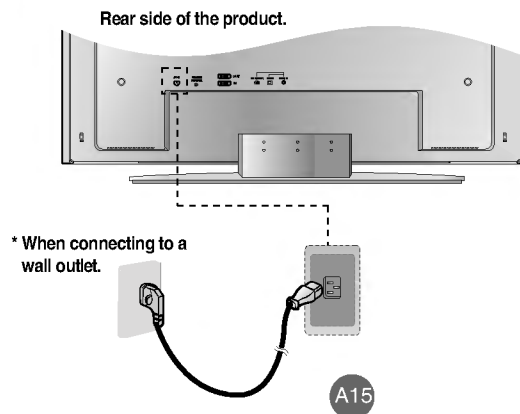
Connecting to your PC

1 First of all, see if the PC, product and the peripherals are turned off.
Then, connect the signal input cable.

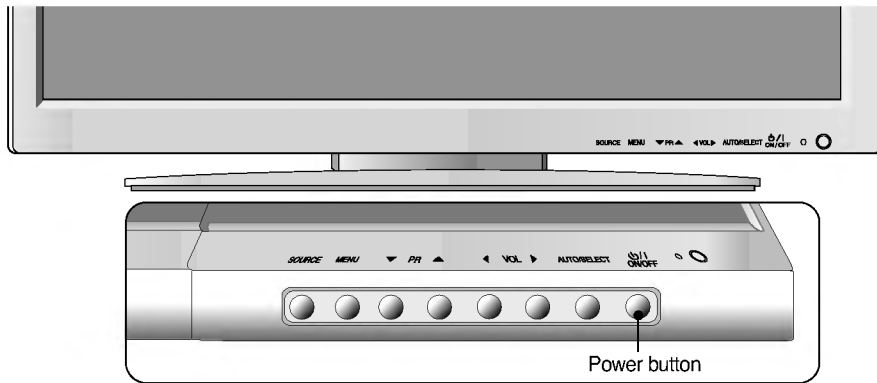
- (A) When connecting with the DVI signal input cable.
- (B) When connecting with the D-Sub signal input cable. (IBM compatible PC)
- (C) When connecting with the D-Sub signal input cable. (Macintosh)



2 Connect the power cord.



3 **A** Turn on power by pressing the power button on the product.



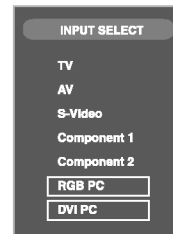
B Turn on the PC.

4 Select an input signal.
Press the SOURCE button on the remote control to select the input signal.

SOURCE → ▼▲ → OK

Or, press the SOURCE button at the front side of the product.

SOURCE → ▼▲ → SELECT



- A** When connecting with a DVI-D signal input cable.
 - Select **DVI PC** : DVI-D DIGITAL signal.
- B** When connecting with a D-Sub signal input cable.
 - Select **RGB PC** : 15-pin D-Sub ANALOG signal.

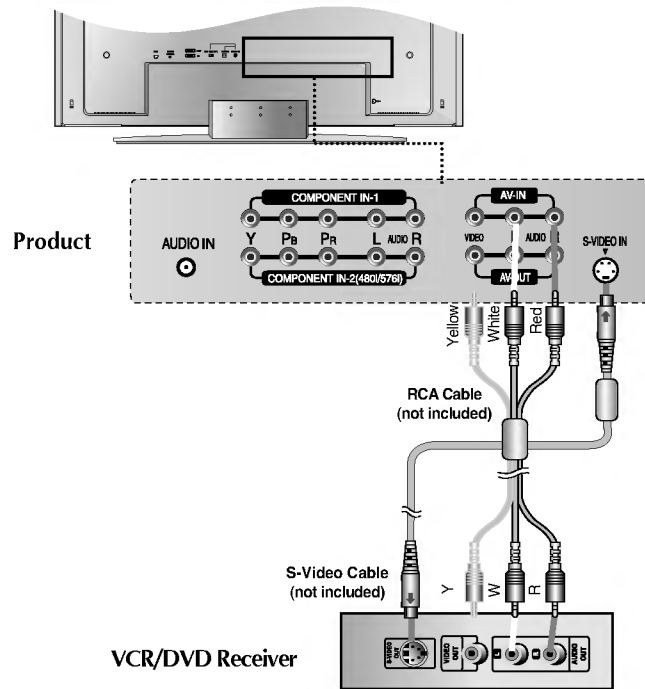


- **How to connect to two computers.**
Connect the signal cables (DVI and D-Sub) to each computer.
Press the SOURCE button in a remote control to select the computer to use.
- **Directly connect to a grounded power outlet on the wall or a power bar with a ground wire.**

Watching the VCR/DVD

1 Connect the video cable as shown in the below figure and then connect the power cord (See page A15).

- A** When connecting with a RCA cable.
 - Connect the input terminal with a proper color match.
(Video – Yellow, Sound (left) – White, Sound (right) – Red)
- B** When connecting with a S-Video cable.
 - Connect to the S-Video input terminal to watch high image quality movies.



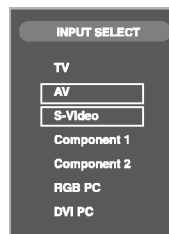
2 Select an input signal.
Press the SOURCE button on the remote control to select the input signal.

SOURCE → ▼▲ → OK

Or, press the SOURCE button at the front side of the product.

SOURCE → ▼▲ → SELECT

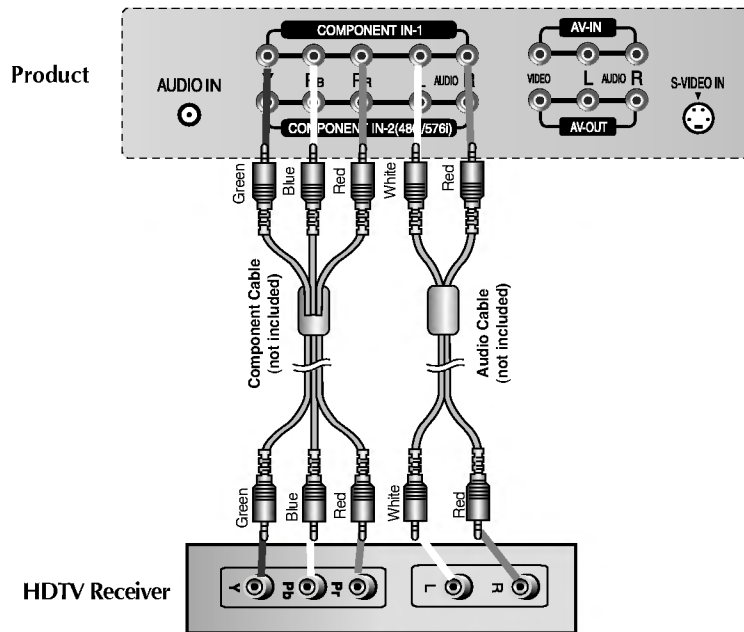
- A** When connecting with an RCA cable.
 - Select **AV**.
- B** When connecting with an S-Video cable.
 - Select **S-Video**.



Watching the HDTV(720p/1080i)

1 Connect the video/audio cable as shown in the below figure and then, connect the power cord (See page A15).

- Connect the input terminal with a proper color match.



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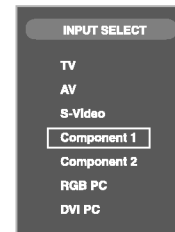
2 Select an input signal.
Press the SOURCE button on the remote control to select the input signal.

SOURCE → ▼▲ → **OK**

Or, press the SOURCE button at the front side of the product.

SOURCE → ▼▲ → **SELECT**

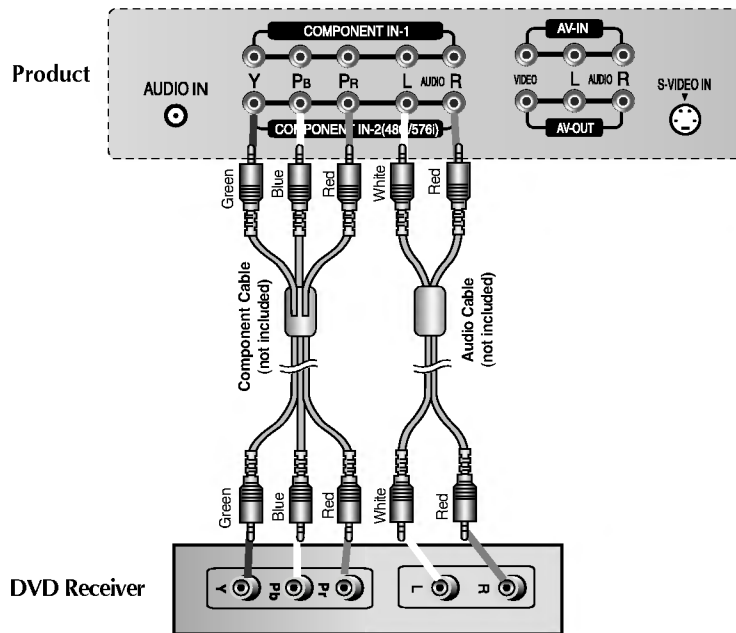
- Select **Component 1**.



Watching the DVD (480i)

1 Connect the video/audio cable as shown in the below figure and then, connect the power cord (See page A15).

• Connect the input terminal with a proper color match.



2 Select an input signal.
Press the SOURCE button on the remote control to select the input signal.

SOURCE → ▼▲ → **OK**

Or, press the SOURCE button at the front side of the product.

SOURCE → ▼▲ → **SELECT**

• Select **Component 2**.

