User's Guide

M208WV

Make sure to read the **Safety Precautions** before using the product.
Keep the User's Guide(CD) in an accessible place for furture reference.

See the label attached on the product and give the information to your dealer when you ask for service.
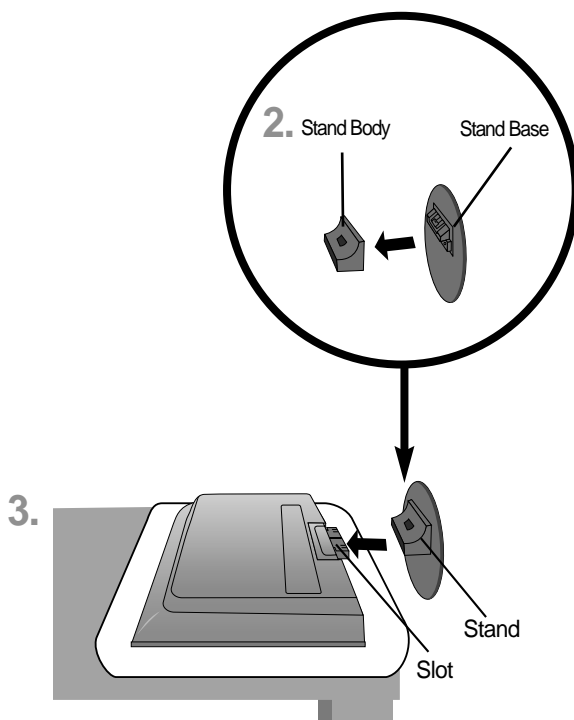
LG

Before Connecting to the PC

Connecting the stand

- **Before setting up the product, ensure that the power supply, the computer system, and other attached devices is turned off.**

1. Place the monitor with its front facing downward on a soft cloth.

2. Connect the Stand Base to the Stand Body and press latches at the button toward each end.

3. Connect the Stand, assembled in step 2, to the Monitor Panel until you hear a "Click".

4. Once assembled take the monitor up carefully and face the front side

2. Stand Body   Stand Base

3.

Stand

Slot

Important
- Once you connect the stand base, try not to disconnect it.
- Do not carry the product upside down holding only the stand base. The product may fall and get damaged or injure your foot.
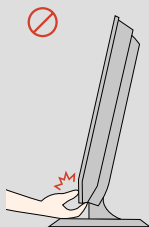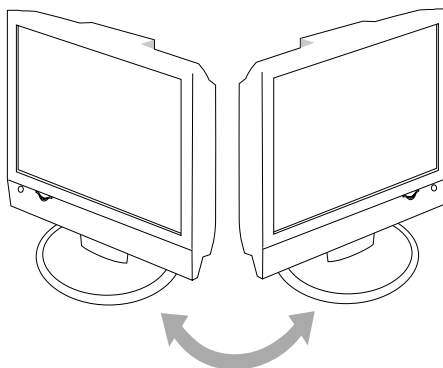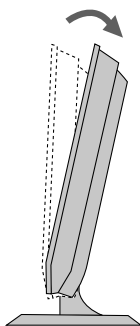
Before Connecting to the PC

■ **Before setting up the product, ensure that the power supply, the computer system, and other attached devices is turned off.**

Positioning your display

1. Adjust the position of the panel in various ways for maximum comfort.

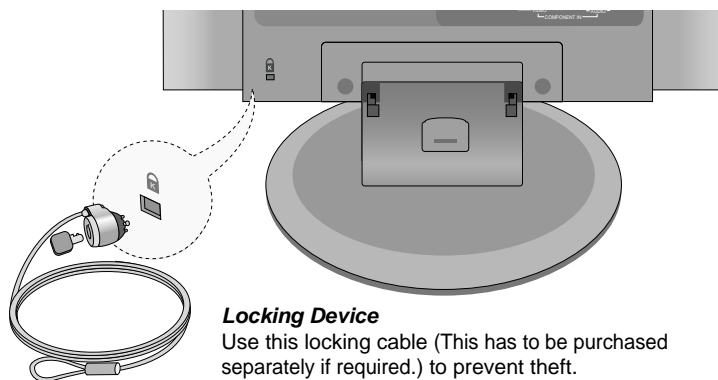■ Tilt Range : -3˚~10˚   ■ Swivel : 350˚

Warning:
When adjusting the angle of the screen, do not put your finger(s) in between the head of the monitor and the stand body. You can hurt your finger(s).
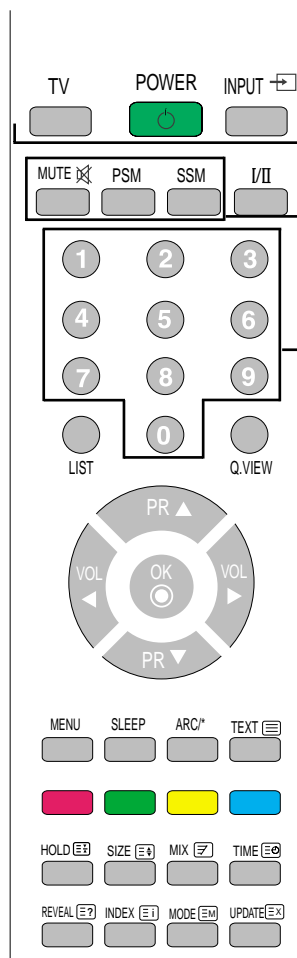
Theft prevention locking device

Locking Device
Use this locking cable (This has to be purchased separately if required.) to prevent theft.

Name and Function of the Parts

⬤ Name of the Remote Control Buttons

TV   POWER   INPUT ⊞

MUTE ⋉   PSM   SSM   I/II

1   2   3
4   5   6
7   8   9
     0
LIST   Q.VIEW

PR ▲
VOL ◄   OK   VOL ►
PR ▼

MENU   SLEEP   ARC/*   TEXT ▤

HOLD ⊟   SIZE ⊟   MIX ▤   TIME ⊟
REVEAL ⊟?   INDEX ⊟i   MODE ⊟M   UPDATE ⊟X

TV : TV button
POWER
INPUT

Input
∨ TV
AV1
AV2
Component
RGB
HDMI/DVI
▲▼ OK

Each time you press the Input button it will change to
TV ⟶ AV1 ⟶ AV2 ⟶ Component ⟶ RGB ⟶ HDMI/DVI.
If nothing is inputted for several seconds the screen will automatically move to the selected menu.

MUTE
Switches the sound on or off.
PSM (Picture Status Memory) Button
Press repeatedly to select **Dynamic**, **Standard**, **Mild**, **Game** or **User** picture mode.

SSM (Sound Status Memory) Button
Use this button to select the sound tone.
Press repeatedly to select **Flat**, **Music**, **Movie**, **Sports**, **User** sound tone.

Number buttons
Able to directly select and change channel.

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

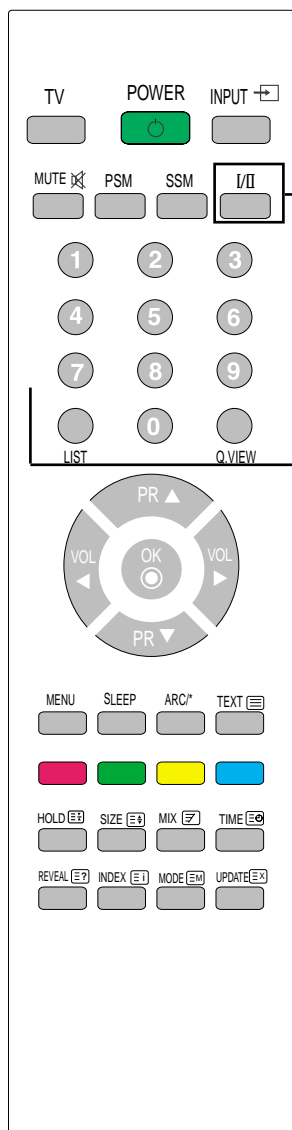## ⬤ Inserting batteries into remote control.

1. Take out the battery cap.

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

3. Close the battery cap.
  • Dispose of used batteries in the recycle bin to prevent environmental pollution.

Name of the Remote Control Buttons

TV   POWER   INPUT

MUTE   PSM   SSM   I/II

1   2   3
4   5   6
7   8   9
   0

LIST   Q.VIEW

PR ▲
VOL ◄   OK   VOL ►
PR ▼

MENU   SLEEP   ARC/*   TEXT

HOLD   SIZE   MIX   TIME

REVEAL   INDEX   MODE   UPDATE

I/II : Bilingual choice and sound mode selection

[TV]
■ 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.

[AV / Component]
In AV/Component 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 left loud-speaker and audio signal from audio R input is sent to 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.

LIST : Programme list
To display the programme list (0~ 99).

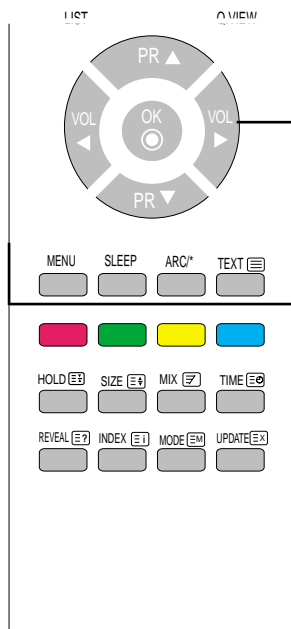| Programme List	
0 C 01	5 C 07
1 C 35	6 C 50
2 C 05	7 C 51
3 C 11	8 C 41
4 C 04	9 C 63
▲▼ ◄► OK MENU	

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

Q.VIEW : QUICK VIEW Button

To display the previously selected TV channel

Name of the Remote Control Buttons

LIST   Q.VIEW

PR ▲

VOL ◄   OK   VOL ►

PR ▼

MENU   SLEEP   ARC/*   TEXT ▤

HOLD ▤   SIZE ▤   MIX ▤   TIME ▤

REVEAL ▤   INDEX ▤   MODE ▤   UPDATE ▤

PR (▲ ▼) Buttons
Able to change channel.
VOL (◄ ►) Buttons
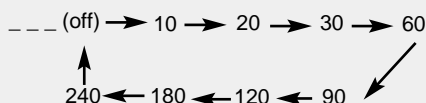Able to adjust sound.
OK Button
Use when functional adjustment is completed.

MENU
 Use this button to enter the On Screen Display menu.

SLEEP : SLEEP Timer
 You can set a time period after which the
 TV / AV / RGB / Component / HDMI/ DVI should switch itself to
 standby. Press the key repeatedly to select the number of
 minutes.

$$\_ \_ \_ \text{(off)} \rightarrow 10 \rightarrow 20 \rightarrow 30 \rightarrow 60$$
$$240 \leftarrow 180 \leftarrow 120 \leftarrow 90$$

ARC
To select the image size of the screen.
• **When TV / AV mode:** Spectacle, Original, 4:3, 16:9, 14:9, Zoom1, Zoom2
• **When RGB/ HDMI/DVI/Component mode:** 4:3, 16:9

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.

Remote Control - Using the Teletext function

Please select your local teletext language. (page 24)
If you don't, the teletext may not appear correctly on the screen.
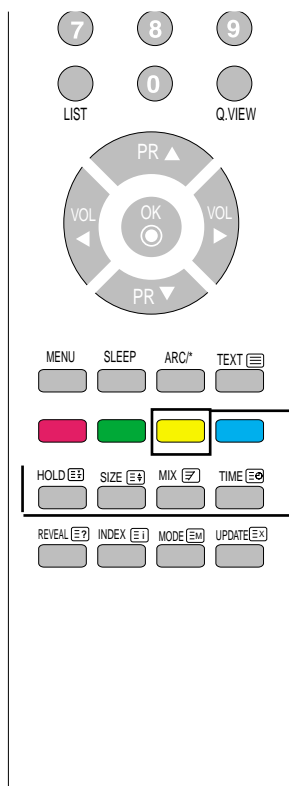
Yellow key

Favourite Program On : Rotate favourite channel

Favourite Program Off : To display the previously
selected TV channel.

HOLD

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

SIZE

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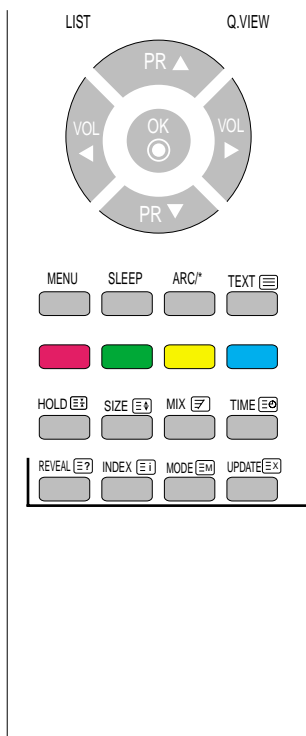normal page size.

MIX

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

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.

Remote Control - Using the Teletext function

LIST   Q.VIEW

PR ▲

VOL ◄   OK   VOL ►

PR ▼

MENU   SLEEP   ARC/*   TEXT

HOLD   SIZE   MIX   TIME

REVEAL   INDEX   MODE   UPDATE

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.

INDEX

To display the main index.

MODE

The mode will be switched in the Teletext mode.

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.

Name and Function of the Parts

Rear View
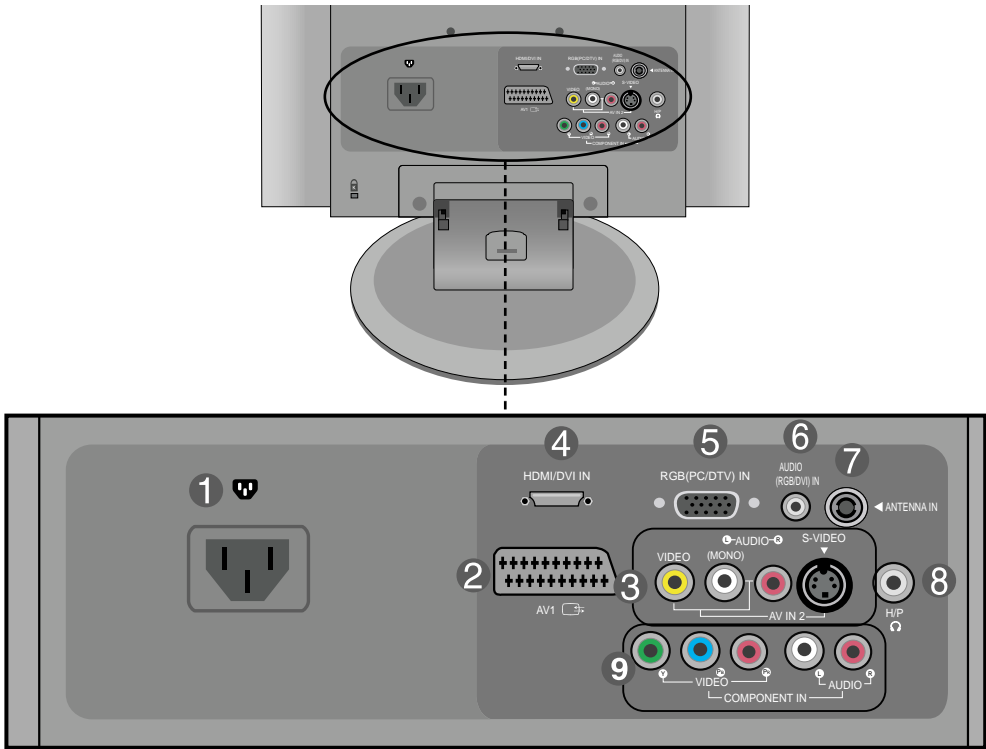
1 **Power Connector : Connect the power cord.**

2 **SCART Input/Output Terminal**

3 **AV Input Terminal**

4 **HDMI Digital Signal Connector**

5 **D-Sub Analog Signal Connector**

6 **RGB, DVI Sound Jack : Connect to the jack in the PC sound card or D-TV sound Output Jack.**

7 **TV Tuner Jack : Connect the antenna.**

8 **Headphone/Earphone Connection Terminal**

9 **Component Input Terminal**

Name and Function of the Parts

AV Input Terminal
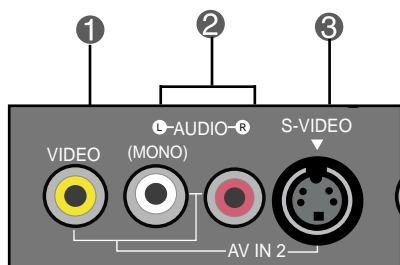
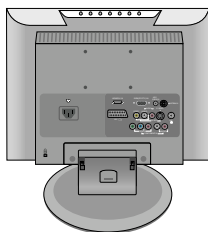❶ Video Input Terminal

❷ Audio Input Terminal

❸ S-Video Input Terminal
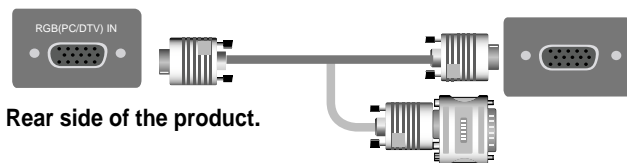
Connecting to External Devices

▪▪▪ Connecting to your PC

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

Rear side of the product.

A Connecting with the D-Sub signal input cable.

RGB(PC/DTV) IN
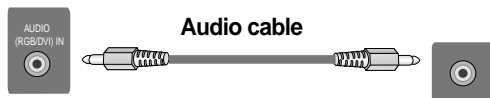
Rear side of the product.

Macintosh Adapter (Not included)
Use the standard Macintosh adapter since an
incompatible adapter is available in the market.
(Different signaling system)

B Connecting with the HDMI signal input cable.

HDMI/DVI IN   HDMI/DVI IN

Rear side of the product.

2. **Connect the audio cable.**

AUDIO
(RGB/DVI) IN   **Audio cable**

Rear side of the product.

• Make sure to check the sound card connection terminal in the PC before connecting to the product.
If the PC sound card supports both Speaker Out and Line Out, change it to Line Out by setting the jumper
or the PC application. (For more details, refer to the sound card user's guide.)
- **Speaker Out :** The terminal connected to the speaker that is not equipped with an amplifier.
- ***Line Out :** The terminal connected to the speaker equipped with an amplifier.
If Audio Out in the PC sound card has only Speaker Out, reduce the PC volume. This product is integrated
with an amplifier.

3. Connect the power cord.

Rear side of the product.
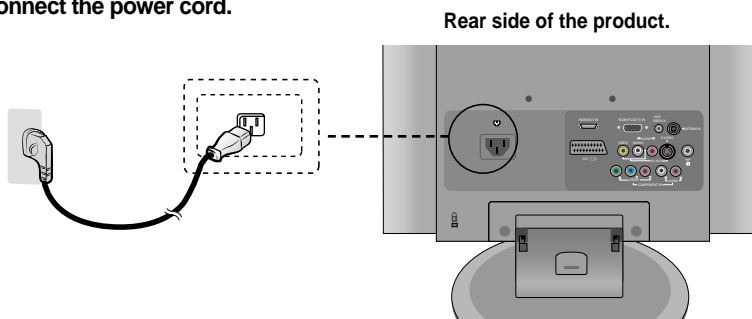
4. **1** Turn on power by touching the Power sensor on the product.
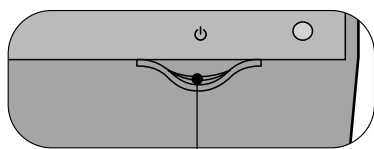
Power Sensor

2 Turn on the PC.

5. Select an input signal.
Press the INPUT button on the remote control to select the input signal.

(INPUT → OK)

Or, press the INPUT button at the top side of the product.

(INPUT → OK)

A • Select **RGB**

Input
TV
AV1
AV2
Component
∨ RGB
HDMI/DVI
▲▼ OK

B • Select HDMI/**DVI**

Input
TV
AV1
AV2
Component
RGB
∨ HDMI/DVI
▲▼ OK
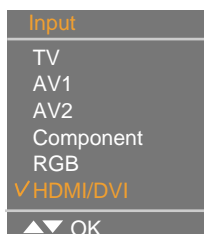
Each time you press the Input button it will change to TV ⟶ AV1 ⟶ AV2 ⟶
Component ⟶ RGB ⟶ HDMI/DVI
If nothing is inputted for several seconds the screen will automatically move to the selected menu.

Note
• Directly connect to a grounded power outlet on the wall or a power bar with a ground wire.

Connecting to External Devices

Connecting to VCR/DVD

1. Connect the video/audio cable as shown in the figure below and then connect the power cord (See page 12).

A **When using the RCA cable.**
  • Connect the input terminal with a proper colour match.

Rear side of the Product

VIDEO AUDIO (MONO) L R S-VIDEO
AV IN 2

RCA Cable
(Not included)

VIDEO OUT L R AUDIO OUT S-VIDEO OUT

VCR/DVD

B **When using the S-Video cable.**
  • Connect to the S-Video input terminal to watch high image quality movies.

Rear side of the Product

VIDEO AUDIO (MONO) L R S-VIDEO
AV IN 2

S-Video Cable
(Not included)

RCA Cable
(Not included)

VIDEO OUT L R AUDIO OUT S-VIDEO OUT

VCR/DVD

Note • In case the RCA cable is connected simultaneously as S-Video cable is connected, S-Video cable is first.

C **When using the SCART cable.**
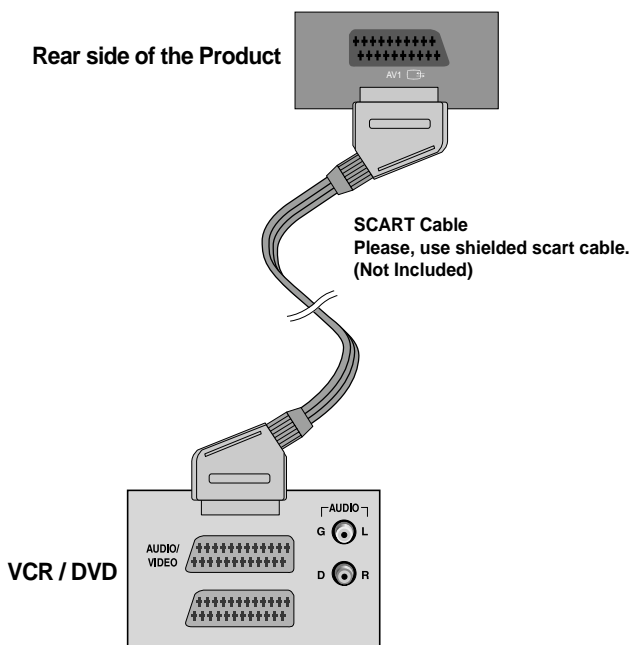
Rear side of the Product

AV1

SCART Cable
Please, use shielded scart cable.
(Not Included)

AUDIO
G L
D R

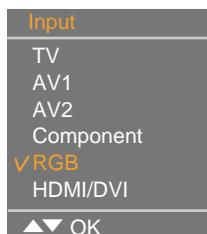**VCR / DVD**   AUDIO/
VIDEO

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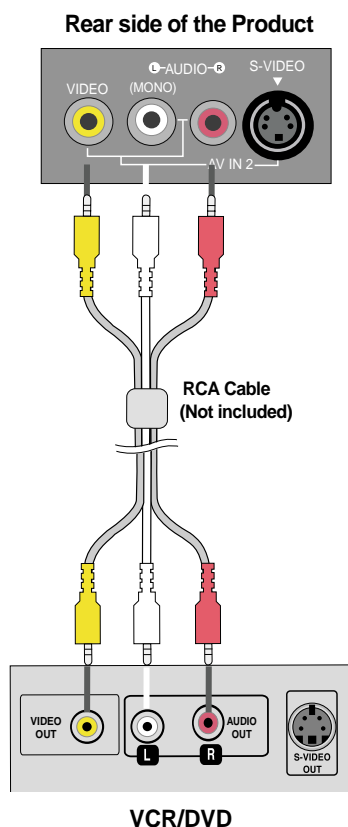**Press the INPUT button on the remote control to select the input signal.**

INPUT ➜ OK

Or, press the INPUT button at the top side of the product.

INPUT ➜ OK

A When connecting with a RCA cable.
   • Select **AV2**

B When connecting with a S-Video cable.
   • Select **AV2**

C When connecting with a SCART cable.
   • Select **AV1**
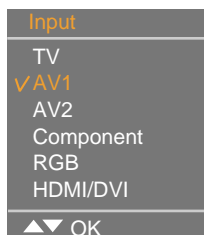
Input
TV
AV1
∨ AV2
Component
RGB
HDMI/DVI
▲▼ OK

Input
TV
∨ AV1
AV2
Component
RGB
HDMI/DVI
▲▼ OK

Each time you press the Input button it will change to TV ➜ AV1 ➜ AV2 ➜
Component ➜ RGB ➜ HDMI/DVI
If nothing is inputted for several seconds the screen will automatically move to the selected menu.
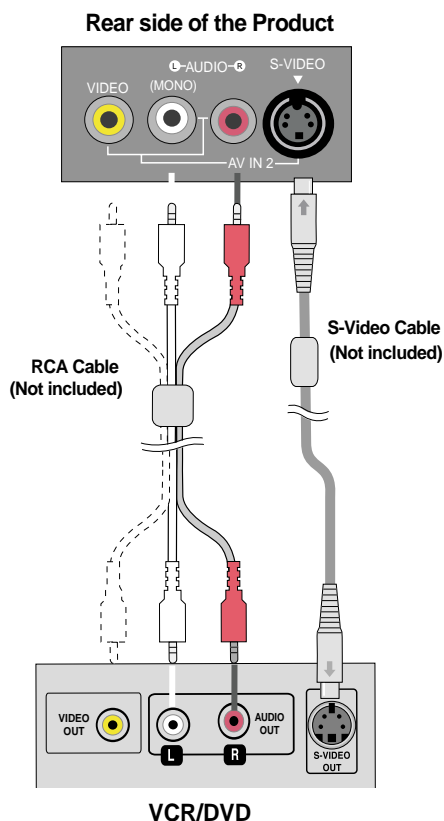
Connecting to External Devices

1. Connect the video/audio cable as shown in the figure below and then connect the power cord (See page 12).

 • Connect the input terminal with a proper colour match.

Rear side of the Product

Component Cable
(Not included)

Audio Cable
(Not included)

Set-top Box /DVD

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

(INPUT ➡ OK)

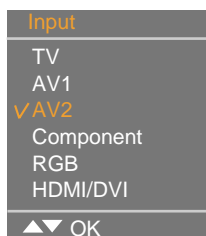Or, press the INPUT button at the top side of the product.

(INPUT ➡ OK)

 • Select **Component**

Input
TV
AV1
AV2
∨ Component
RGB
HDMI/DVI
▲▼ OK

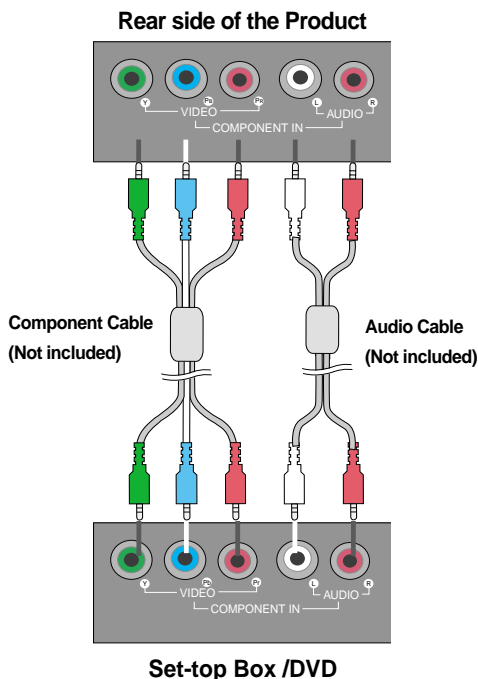Each time you press the Input button it will change to TV ➡ AV1 ➡ AV2 ➡
Component ➡ RGB ➡ HDMI/DVI
If nothing is inputted for several seconds the screen will automatically move to the selected menu.

Connecting to External Devices

▪▪▪ When watching RGB/HDMI from the DVD/Set-top Box

1. Connect the D-sub cable, RCA/PC cable as shown in the below figure
and then connect the power cord. (see page 12)

(A)

[Rear side of the Product]

RGB(PC/DTV) IN   AUDIO (RGB/DVI) IN

RCA-Stereo cable
(not included)

D-Sub cable

L   R

[Set-top Box/DVD]

(B)

[Rear side of the Product]

**HDMI cable
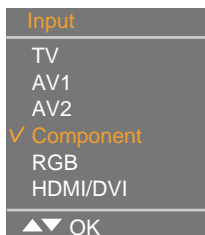(not included)**

[Set-top Box/DVD]

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

(INPUT ➡ OK)

Or, press the INPUT button at the top side of the product.

(INPUT ➡ OK)

(A) • Select **RGB**

Input
TV
AV1
AV2
Component
∨ RGB
HDMI/DVI
▲▼ OK

(B) • Select **HDMI/DVI**

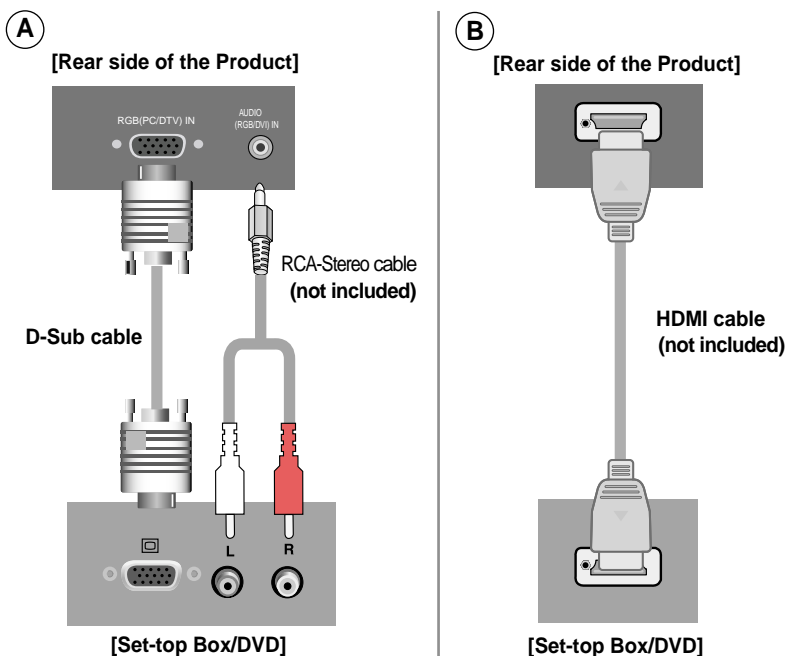| Input |
|---|
| TV |
| AV1 |
| AV2 |
| Component |
| RGB |
| ∨ HDMI/DVI |
| ▲▼ OK |

Each time you press the Input button it will change to TV ⟶ AV1 ⟶ AV2 ⟶
Component ⟶ RGB ⟶ HDMI/DVI
If nothing is inputted for several seconds the screen will automatically move to the selected menu.

Connecting to External Devices

C

[Rear side of the Product]

AUDIO
(RGB/DVI) IN

**HDMI to DVI
Cable**

RCA-Stereo cable
(not included)

L   R

[Set-top Box/DVD]

2. **Select an input signal.**
Press the INPUT button at the top side of the product to select the input signal.

INPUT ➔ OK

C   • Select **HDMI/DVI**

Input

TV
AV1
AV2
Component
RGB
∨ HDMI/DVI

▲▼ OK

Each time you press the Input button it will change to TV ➔ AV1 ➔ AV2 ➔
Component ➔ RGB ➔ HDMI/DVI
If nothing is inputted for several seconds the screen will automatically move to the selected menu.

Connecting to External Devices

■■■ When Watching TV

1. Check if the antenna cable is connected at the rear side of the product and then, connect the power cord.

Rear Side of the Product

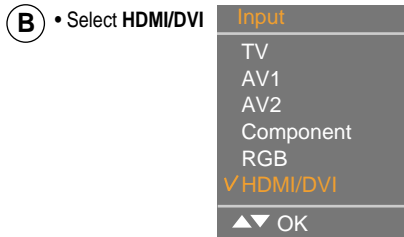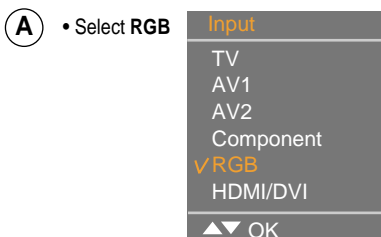Antenna Cable
(Not included.)

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

(INPUT → OK)

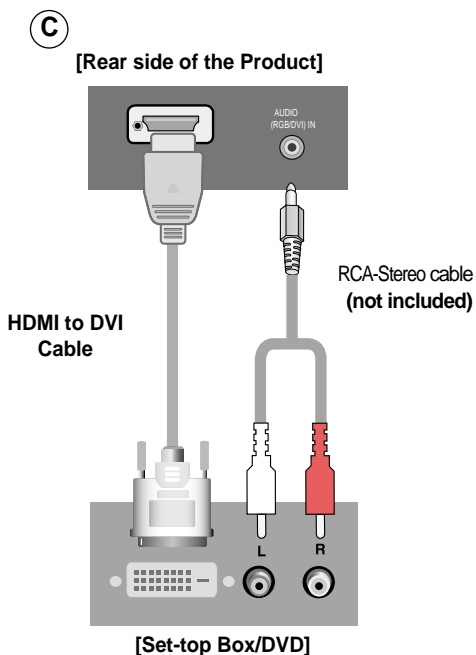Or, press the INPUT button at the top side of the product.

(INPUT → OK)

• Select **TV**

Input
∨ TV
AV1
AV2
Component
RGB
HDMI/DVI
▲▼ OK
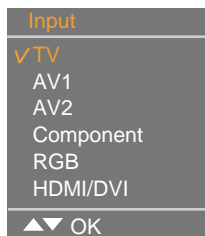
Each time you press the Input button it will change to TV → AV1 → AV2 → Component → RGB → HDMI/DVI
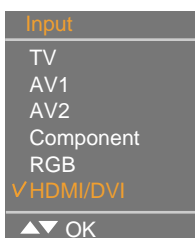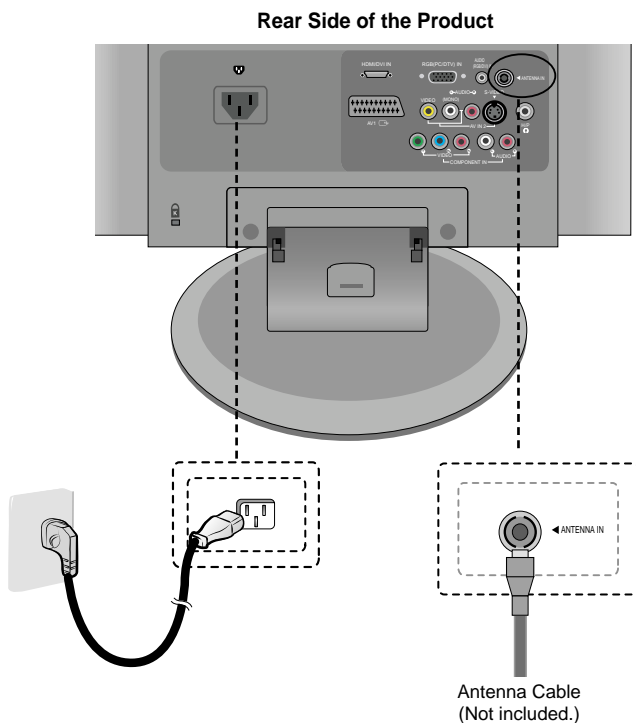If nothing is inputted for several seconds the screen will automatically move to the selected menu.

To arrange cables using cable management

1. Arrange the cables in the center as shown in the following picture.
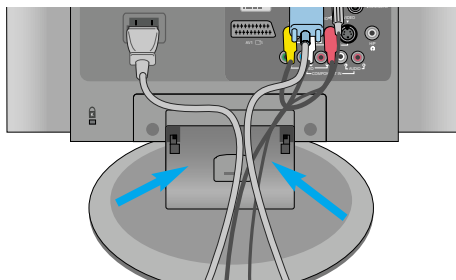
2. Fit the cable management to the Holder Groove downwards.
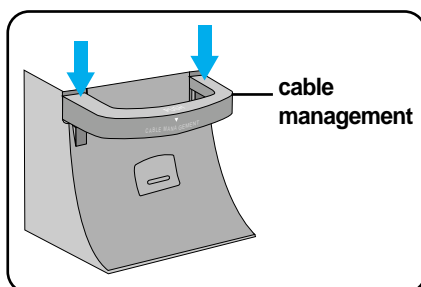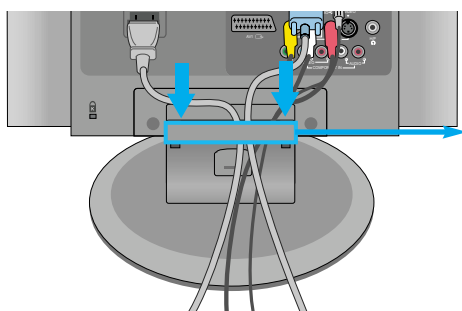
cable
management

* When you want remove it.
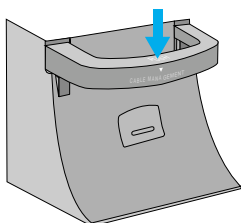
Push down slightly.
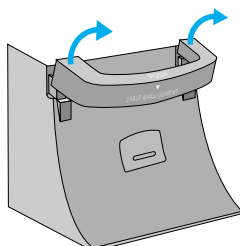
Push up slightly to remove it.

Warning
• Do not use the cable management as a handle for the Monitor.
• Do not press the cable management.

Adjusting the Screen

Name of the Buttons in the Screen Adjustment Unit

	INPUT	MENU	OK	◄ VOL ►	▼ PR ▲		⏻	○
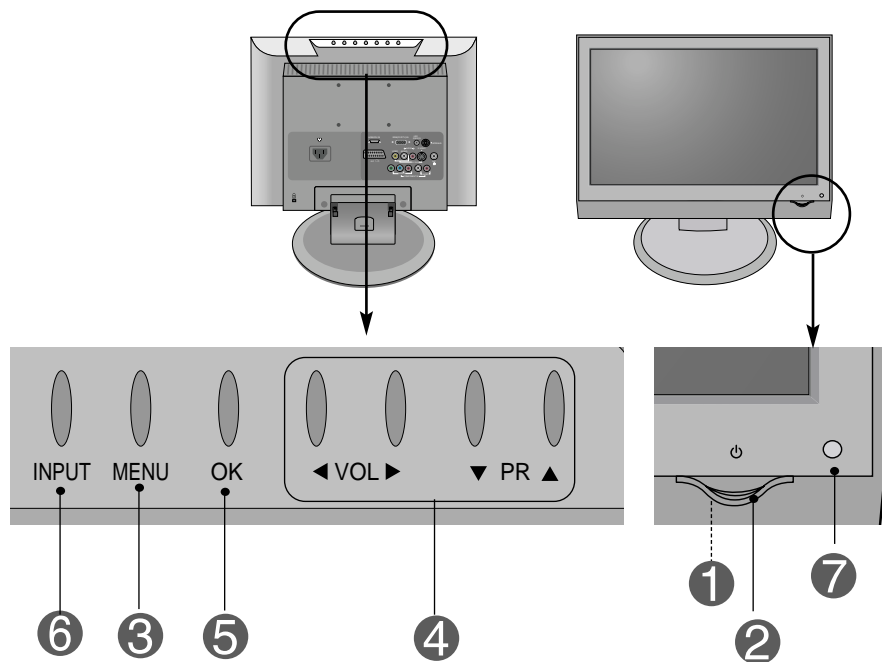
1	**Power Indicator**	• This Indicator lights up blue when the display operates normally (On Mode). If the display is in Sleep (Energy Saving) Mode, this indicator colour changes to amber.
2	**Power Sensor**	• Use this button to turn the product on and off.
3	**MENU Button**	• Use this button to show/hide the OSD (On Screen Display) menu screen.
4	**OSD Select/Adjust Button**	• Use this button to select an icon or adjust the setting in the OSD screen.

	▼ ▲	• Use this button to control the channel for the TV signal.
	◄ ►	• Adjust the volume.

Volume   30

Adjusting the Screen

⬤ Name of the Buttons in the Screen Adjustment Unit

❺ **OK Button**

• OK button is usually used in choosing the MENU.
When there is no MENU on the screen pushing the OK button will give the information about the current input source.

❻ **INPUT Button**

TV	Television
AV1	SCART
AV2	CVBS, S-Video
Component	HDTV, DVD
RGB	D-Sub analog signal
HDMIDVI	HDMI Digital signal
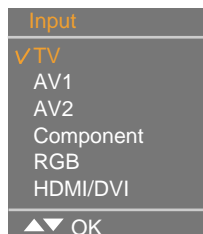
Input
∨ TV
AV1
AV2
Component
RGB
HDMI/DVI
▲▼ OK

Each time you press the Input button it will change to TV ⟶ AV1 ⟶ AV2 ⟶
Component ⟶ RGB ⟶ HDMI/DVI
If nothing is inputted for several seconds the screen will automatically move to the selected menu.

❼ **IR Receiver**

• The unit that receives the signal from the remote control.

Adjusting the Screen

⬤ OSD (On Screen Display) Menu

Icon	Function Description
Station	**Set/Select the channel when using the TV**
Picture	**Adjusting the picture function.**
Sound	**Adjusting the sound function.**
Time	**Adjusting the time function.**
Special	**Selecting the special function.**
Screen	**Adjusting the screen function.**

Note OSD(On Screen Display)
The OSD function enables you to adjust the screen status conveniently since it provides graphical presentation.

Adjusting the Screen

OSD (On Screen Display) Screen Tracking Order

MENU →	PR ▲ VOL ◄ OK VOL ► PR ▼ →	OK →	PR ▲ VOL ◄ OK VOL ► PR ▼ →	OK →	MENU
Pop up the menu screen	Move where you want to adjust	Select a menu icon	Adjust the status	Save adjustment	Exit from the menu screen.

• Use the remote control to adjust the OSD screen.
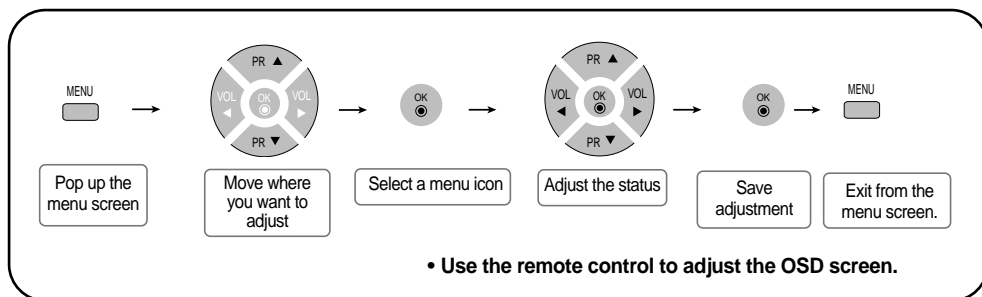
1   Press the **MENU** Button, then the main menu of the OSD will appear.

2   To access a control, use the ▼ ▲ Buttons.

3   When the icon you want becomes highlighted, press the **OK** Button.

4   Use the ▼ ▲ ◄ ► Buttons to adjust the item to the desired level.

5   Accept the changes by pressing the **OK** Button.

6   Exit the OSD by pressing the **MENU** Button repeatedly .

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On-Screen Menu Language / Country Selection

Installation guide menu appears on product screen when it is turned on for the first time.

```
Installation guide

Language

Chesky          Nederlands
Dansk           Norsk
Deutsch         Polski
English         Português
Español         РУССКИЙ
Français        Romaneste
Italiano        suomi
Magyar          Svenska

▲▼ ◄► OK MENU
```
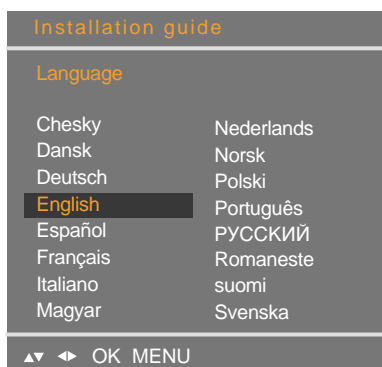
1. Press the ▼▲◄► button and then, **OK** button to select your desired language.

2. Press the ▼▲◄► button and then, **OK** button to select your country.

* If you want to change Language/ Country selection

1. Press the **MENU** button and then ▼▲ button to select the **Special** menu.

2. Press the ► button and then ▼▲ button to select Language.
The menus can be shown on the screen in the selected language.
Or, Press the ► button and then ▼▲ button to select Country.

3. Press the ► button and then ▼▲◄► button to select your desired language or country.

4. Press the **OK** button.

5. Press the **MENU** button repeatedly to return to normal TV viewing.

Note
• If you don't finish set up Installation Guide by pressing **MENU** button or time out of OSD
  (On Screen Display) display, it will continuously appear until completing set up whenever
  the set is turned on.
• If you select wrong local country, the teletext may not appear correctly on the screen and
  some problem may happen during teletext operation.
• Hebrew is added to Country of Installation Guide according to the countries which using
  Hebrew languages.

Adjusting the Screen

STATION ID set/Select the channel when using the TV

Auto programme

```
Station

Auto programme        ▶    To set
Manual programme
Programme edit
Favourite programme


▲▼ ◀▶  OK   MENU
```
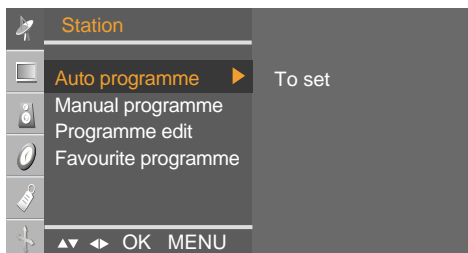
System
It should be set before run auto searching.
Press the ▼▲ buttons to select the TV system of the country or part of the world from where you want to receive the TV channels.
* Supporting channel : C(V/UHF 02~69) S(Cable 01~41)
BG : PAL B/G, SECAM B/G (Europe/East Europe)
I : PAL I/II (U.K/Ireland)
DK : PAL D/K, SECAM D/K (East Europe)
L: SECAM L/L' (France)

Storage from
To select a programme number or enter the programe number with the number buttons from where you want to start searching for new channels. If e.g. you want to keep the channels 1 to 10 stored earlier, enter programe number 11. Your TV search for new channels from number 11 onwards.
* Numbers available to store : 0~99

Search
Press **OK** or ▶ button to start automatic programming. All available TV channels will be searched and stored automatically. To stop auto programming, press the **MENU** button. When auto programming is completed, the programme list menu appears.

Manual programme

```
Station

Auto programme
Manual programme  ▶    To set
Programme edit
Favourite programme


▲▼ ◀▶  OK   MENU
```

To change the channel. (Change each item in Manual Program and press the "MENU" button to save the settings)

Storage
Press the ◀ ▶ buttons to select the channel number or enter the programme number with the number buttons in where you want to store channel.

System
Press the ▼▲ buttons to select the TV system of the country or part of the world from where you want to receive the TV channels.
BG : PAL B/G, SECAM B/G (Europe/East Europe)
I : PAL I/II (U.K/Ireland)
DK : PAL D/K, SECAM D/K (East Europe)
L: SECAM L/L' (France)

Adjusting the Screen
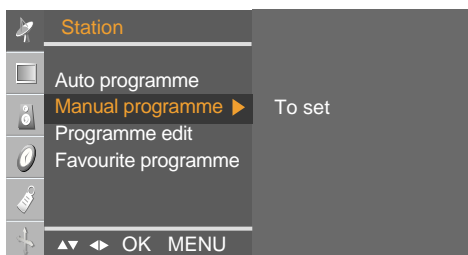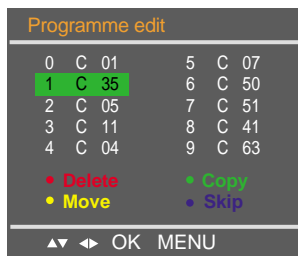
STATION ID set/Select the channel when using the TV

Band   Press the ▼▲ buttons to select **VHF/UHF** for aerial channels or **Cable** for cable channels.
To select the channel reception type. : **VHF/UHF** / **Cable.**

Channel   If you know the channel number, enter it directly with the digit buttons 0 to 9.

Fine   In case of poor reception, you can improve the reception by fine tuning. Use the ▼▲ buttons to fine tune for the best picture and sound.

Search   Use the ◄ ► buttons to search next channel backward or forward direction.

Name   To see the assigned channel name.
It is possible to change the name stored in the memory or to assign a name to a TV channel which has not yet been entered. A name with up 5 letters or numbers can be given to the programme numbers 0 to 99.

Press the ◄ ► buttons to move cursor to be changed. -> Press the ▼▲ buttons to select a character.(space, number 0~9, and alphabet A~Z, +,-) -> Press **OK** button or **MENU** button.

Programme edit

Station	
Auto programme	
Manual programme	
Programme edit ▶	To set
Favourite programme	
▲▼ ◄► OK MENU	

Programme edit			
0 C 01		5 C 07
1 C 35		6 C 50
2 C 05		7 C 51
3 C 11		8 C 41
4 C 04		9 C 63
● Delete		● Copy
● Move		● Skip
▲▼ ◄► OK MENU		

Delete   Press the ▼▲ ◄ ► buttons to select a TV channel to be deleted. -> Press the red key on the remote control -> The background colour of the selected channel will change to red.
Press the Delete button one more time to delete the selected channel. All the following channels are shifted up one position.

Copy   Press the ▼▲ ◄ ► buttons to select a TV channel to be copied. -> Press the green key on the remote control. All the following channel numbers are shifted down one position.

Move   Press the ▼▲ ◄ ► buttons to select a channel number to be moved. -> Press the yellow key on the remote control. -> Press the ▼▲ ◄ ► buttons to move the TV channel to the desired channel number. -> Press the yellow key again to release this function.

Skip   Press the ▼▲ ◄ ► buttons to select a channel number to be skipped. -> Press the blue key on the remote control. The skipped TV channel is displayed in blue.

Adjusting the Screen

STATION ID set/Select the channel when using the TV

Favourite programme

```
  Station              Off
                       _ _      _ _ _ _ _
  Auto programme       _ _      _ _ _ _ _
  Manual programme     _ _      _ _ _ _ _
  Programme edit       _ _      _ _ _ _ _
  Favourite programme  ▶  _ _   _ _ _ _ _
                       _ _      _ _ _ _ _
                       _ _      _ _ _ _ _

  ▲▼ ◄►  OK   MENU
```

This function lets you select your favourite programmes directly. (8 channel)
Press the ▼▲ ◄ ► buttons to select a channel.

* **Yellow key (remote control) :**
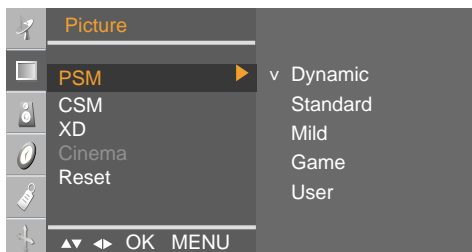
Favourite Program On : Rotate favourite channel
Favourite Program Off : To display the previously selected TV channel.

PICTURE ID adjust the picture function(RGB-PC, HDMI-PC)

PSM

```
        Picture
  ┌──────────────────┐
  │ PSM            ▶ │  v  Dynamic
  │ CSM              │     Standard
  │ XD               │     Mild
  │ Cinema           │     Game
  │ Reset            │     User
  │                  │
  │ ▲▼ ◄►  OK  MENU  │
  └──────────────────┘
```
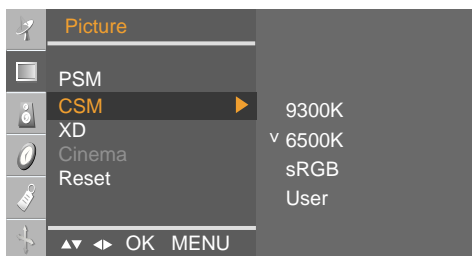
The **PSM** function automatically adjusts the screen image quality.
• **Dynamic**
  Select this option to display with a sharp image.
• **Standard**
  The most general and natural screen display status.
• **Mild**
  Select this option to display with a mild image.
• **Game**
  Select this option to enjoy dynamic image when playing a game.
• **User**
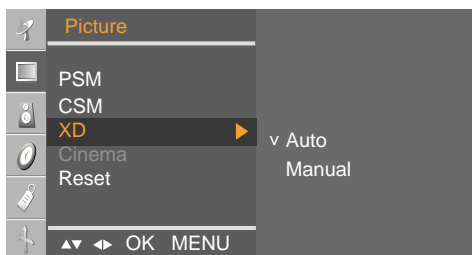 Select this option to use the user-defined settings.

CSM

```
        Picture
  ┌──────────────────┐
  │ PSM              │
  │ CSM            ▶ │     9300K
  │ XD               │  v  6500K
  │ Cinema           │     sRGB
  │ Reset            │     User
  │                  │
  │ ▲▼ ◄►  OK  MENU  │
  └──────────────────┘
```

The **CSM** function automatically adjusts the screen colour set.
• **9300K**
  Slightly purplish white.
• **6500K**
  Slightly bluish white.
• **sRGB**
  Slightly lower brightness.
• **User**
  Select this option to use the user-defined settings.
  Red / Green / Blue
  Set your own colour levels.

XD

```
        Picture
  ┌──────────────────┐
  │ PSM              │
  │ CSM              │
  │ XD             ▶ │  v  Auto
  │ Cinema           │     Manual
  │ Reset            │
  │                  │
  │ ▲▼ ◄►  OK  MENU  │
  └──────────────────┘
```

XD is LG Electronics unique picture improving technology to display a real **HD** source through an advanced digital signal processing algorithm.
It's not available to use this function in **RGB-PC** or **HDMI-PC** modes.
Manual is activated after selecting the user of **PSM**.
(It's not working RGB-PC, HDMI-PC mode.)

Cinema   (Function works in the following mode -TV, AV, Component 480i/576i)
             When you watch the movie, this function adjusts the set to the best picture appearance.
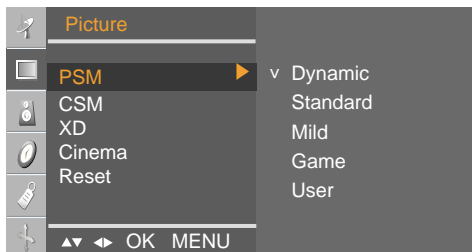   (It's not working RGB,HDMI/DVI mode.)

Reset   Return to the default settings **PSM**, **CSM**, **XD**, **Cinema** at the factory.

Adjusting the Screen

PICTURE ID adjust the picture function (TV/Video/Component/RGB-DTV/HDMI-DTV)

PSM

| Picture	
PSM ►	ᵛ Dynamic
CSM	Standard
XD	Mild
Cinema	Game
Reset	User
▲▼ ◄► OK MENU	

The **PSM** function automatically adjusts the screen image quality.
- **Dynamic**
  Select this option to display with a sharp image.
- **Standard**
  The most general and natural screen display status.
- **Mild**
  Select this option to display with a mild image.
- **Game**
  Select this option to enjoy dynamic image when playing a game.
- **User**
 Select this option to use the user-defined settings.

CSM

Picture	
PSM	
CSM ►	ᵛ Cool
XD	Normal
Cinema	Warm
Reset	User
▲▼ ◄► OK MENU	
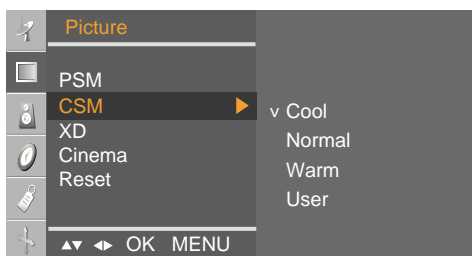
The **CSM** function automatically adjusts the screen colour set.
- **Cool**
  Slightly purplish white.
- **Normal**
  Slightly bluish white.
- **Warm**
  Slightly reddish white.
- **User**
  Select this option to use the user-defined settings.
  Red / Green / Blue
  Set your own colour levels.

XD

Picture	
PSM	
CSM	
XD ►	ᵛ Auto
Cinema	Manual
Reset	
▲▼ ◄► OK MENU	
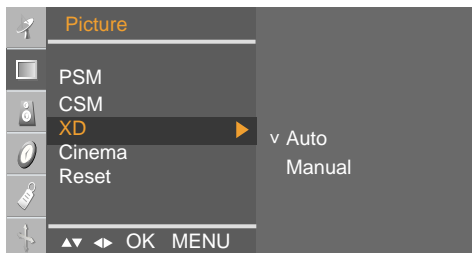
XD is LG Electronics unique picture improving technology to display a real **HD** source through an advanced digital signal processing algorithm.
It's not available to use this function in **RGB-PC** or **HDMI-PC** modes.
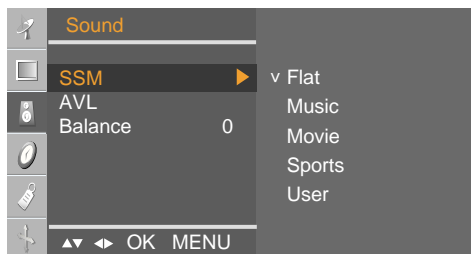**Manual** is activated after selecting the user of **PSM**.

Cinema (Function works in the following mode - TV, AV, Component 480i/576i)
When you watch the movie, this function adjusts the set to the best picture appearance.

Reset Return to the default settings **PSM**, **CSM**, **XD**, **Cinema** at the factory.

Adjusting the Screen

SOUND ID to adjust the sound function

```
 📡      Sound
 ⬜      SSM              ▶    ∨ Flat
 🔊     AVL                     Music
        Balance       0        Movie
 ◎                             Sports
 ✏                             User

 ⚙      ▲▼ ◄► OK MENU
```

SSM
The best sound tone quality will be selected automatically depending on the video type that you're currently watching.
- **Flat** : The most commanding and natural audio.
- **Music :** Select this option to enjoy the original sound when listening to the music.
- **Movie** : Select this option to enjoy sublime sound.
- **Sports :** Select this option to watch sports broadcasting.
- **User** : Select this option to use the user-defined audio settings.

AVL
To adjust uneven sound volumes across all channels or signals automatically to the most appropriate level. To use this feature, select **On**.
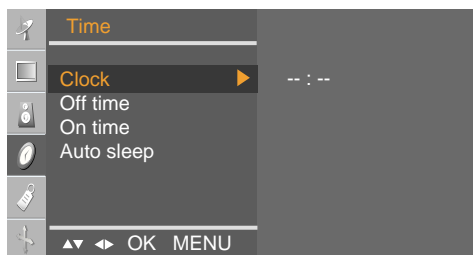
Balance
Use this function to balance sound from the left and right speakers.

Adjusting the Screen

TIME ID to adjust the time function

```
Time

Clock          ►    -- : --
Off time
On time
Auto sleep

▲▼ ◄► OK MENU
```

Clock
This function is used to set up of current time.
You must set the time correctly before using **On/Off time** function.
 1) Press the **MENU** button and then use ▼▲ button to select the **TIME** menu.
 2) Press the ► button and then use ▼▲ button to select the **Clock** menu.
 3) Press ► button and then use ▼▲ button to set the hour(00~23).
 4) Press ► button and then use ▼▲ button to set the minutes(00~59).
   The default value is -- : --.
 5) Press the **OK/MENU** button to save.

Off/On time
The **Off time** automatically switches the set to off mode at the pre-set time.
 1) Press the **MENU** button and then use ▼▲ button to select the **TIME** menu.
 2) Press the ► button and then use ▼▲ button to select **Off time** or **On time**.
 3) Press the ► button and then use ▼▲ button to set the hour(00~23).
 4) Press the ► button and then use ▼▲ button to set the minutes(00~59).
 5) Press the ► button and then use ▼▲ button to select **On** or **Off**.
 6) Only **On time** function; Press the ► button and then ▼▲ button to adjust volume level
   and programme number.
 7) Press the **OK/MENU** button to save.

Auto sleep
If **Auto sleep** is active and there is no input signal, the set switches to off mode
automatically after 10 minutes. (It is not working in PC)
 1) Press the **MENU** button and then use ▼▲ button to select the **Auto sleep** menu.
 2) Press the ► button and then use ▼▲ button to select **On** or **Off**.
 3) Press the **OK/MENU** button to save **.**

Note
• In the event of power interruption (disconnection or power failure), the **Clock** must be reset.
• Two hours after the set is switched on by the **On time** function it will automatically switch
  back to off mode unless a button has been pressed.
• Once the **On** or **Off time** is set, these functions operate daily at the preset time.
• **Off time** function overrides **On time** function if they are set to the same time.
• The set must be in off mode for the **On time** to work.
• **On time** will move on to auto off if no activity is received in 2hours after setting the **On time**.

Adjusting the Screen

SPECIAL ID to Select the special function

	Special
	Language
	Country
	Child lock
	DDC-CI
	XD Demo
	▲▼ ◄► OK MENU
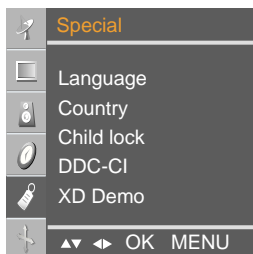
Language   To choose the language in which the control names are displayed.

Country   Please select your local teletext language.
If you don't, the teletext may not appear correctly on the screen.
This feature is not available in all countries.

Child lock   Use the ▼▲ buttons to select **On** or **Off**. It can be set up so that it can only be used with
the remote control. This feature can prevent unauthorized viewing.

In order to lock the OSD screen adjustment, set the **Child lock** tab to the '**On**' position.
In order to unlock it, do the following :
* Push the **MENU** button on the remote control and set **Child lock** to the '**Off**' position.

DDC-CI   DDC/CI(Display Data Channel Command Interface) is communication protocol for
communications between PC and monitor.
DDC/CI makes it possible to adjust and setup detailed functions on PC instead of the monitor
OSD.
Monitor can be adjusted with PC by connecting communication between PC and monitor when
DDC/CI is ON, and monitor cannot be adjusted with PC because communication between PC
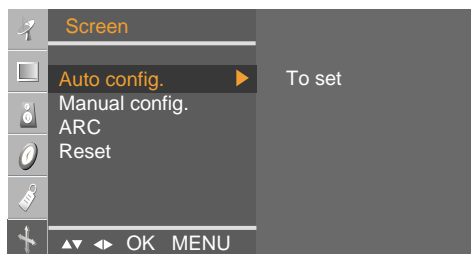and monitor is disconnected when DDC/CI is OFF.

XD Demo   Use it to see the difference between XD demo on and XD Demo off.
(XD Demo function is not available in RGB PC/ HDMI PC mode.)

Adjusting the Screen

SCREEN ID to adjust the screen function

```
Screen
Auto config.        ▶        To set
Manual config.
ARC
Reset

▲▼ ◄►  OK  MENU
```

Auto config.

This button is for the automatic adjustment of the screen **Position**, **Clock** and **Phase**.
(It is not working in RGB-DTV, HDMI.)

Manual config.

This button is for the manual adjustment of the screen **Position**, **Clock** and **Phase**.
• **H-Position (It is not working In HDMI-PC mode.)**
  To move the displayed image left or right.
• **V-Position (It is not working In HDMI-PC mode.)**
  To move the displayed image up or down.
• **Clock (It is not working In RGB-DTV, HDMI mode.)**
  To minimize any vertical bars or stripes visible on the screen background.
  The horizontal screen size will also change.
• **Phase (It is not working In RGB-DTV, HDMI mode.)**
  To adjust the focus of the display. This item allows you to remove any horizontal noise
  and clear or sharpen the image of characters.

ARC

To select the image size of the screen.
• **When TV/Video mode:** Spectacle, Original, 4:3, 16:9, 14:9, Zoom1, Zoom2
• **When RGB/DVI/HDMI/Component mode:** 4:3, 16:9

Reset

Use this function to reset the product to the factory default. However, language selection
will not be initialized.(It is working in RGB-PC, RGB-DTV, HDMI-DTV mode.)

Troubleshooting

No image is displayed

● **Is the product's power cord connected?**	• Check if the power cord is properly connected to the outlet.
● **Is the power indicator turning on?**	• See if the power switch is turned on.
● **Power is on, power indicator is blue but the screen appears extremely dark.**	• Adjust brightness and contrast again.
● **Does the power indicator look amber?**	• If the product is in power saving mode, move the mouse or press any key. • In DVD Player or Settop Box, check the power status of connected device.
● **Does the 'Out of range' message appear?**	• The signal from the PC (video card) is out of the vertical or horizontal frequency range of the product. Adjust the frequency range by referring to the Specifications in this user's guide. 　*** Maximum resolution** 　 1680 X 1050 @60 Hz
● **Does the 'Check signal cable' message appear?**	• The signal cable between PC and product is not connected. Check the signal cable. • Press the 'INPUT' button in the remote control to check the input signal.

'Unknown Product' message appears when the product is connected.

● **Did you install the driver?**	• Install the product driver, which is provided with the product, or download it from the web site. (http://www.lge.com) • See if the plug&play function is supported by referring to the video card user's guide.

Note

* Vertical frequency: To enable the user to watch the product display, screen image should be changed tens of times every second like a fluorescent lamp. The vertical frequency or refresh rate is the times of image display per second. The unit is Hz.

* Horizontal frequency: The horizontal interval is the time to display one vertical line. When the 1 is divided by horizontal interval, the number of horizontal lines displayed every second can be tabulated as the horizontal frequency. The unit is kHz.

Troubleshooting

The screen image looks abnormal.

● **Is the screen position wrong?**

• Adjust the Position menu in OSD .
• See if the video card resolution and frequency are supported by the product. If the frequency is out of range, set to the recommended resolution in the Control Panel – Display – Setting menu.

● **Do thin lines appear on the background screen?**

• Adjust the Clock menu in OSD.

● **Horizontal noise appears or the characters look blurred.**

• Adjust the Phase menu in OSD.

After-image appears on the product.

● **After-image appears when the product is turned off.**

• If you use a fixed image for a long time, the pixels may be damaged quickly. Use the screen saver function.

Troubleshooting

The audio function does not work.

● **No sound?**
- Check if the audio cable is connected properly.
- Adjust the volume.
- Check if the sound is set properly.

● **Sound is too low.**
- Adjust the volume.

The TV function does not work.

● **The TV signal is not being received.**
- See if you have selected the proper channel mode.
- Use the automatic channel setup function.
- Check if the TV antenna is properly connected.

Screen colour is abnormal.

● **Screen has poor colour resolution (16 colours).**
- Set the colour resolution to more than 24 bits (true colour)
  Select Control Panel – Display – Settings
  – Colour Table menu in Windows.

● **Screen colour is unstable or mono-colour.**
- Check the connection status of the signal cable. Or, re-insert the PC video card.

● **Do black spots appear on the screen?**
- Several pixels (red, green, white or black colour) may appear on the screen, which can be attributable to the unique characteristics of the LCD panel. It is not a malfunction of the LCD.

Specifications

The product specifications can change without prior notice for product improvement.

LCD Panel	**Screen Type**	20.1 inches Wide (51.113 cm) TFT (Thin Film Transistor) LCD (Liquid Crystal Display) Panel Visible diagonal size: 51.113 cm
	Pixel Pitch	0.258 mm
Video Signal	**Max. Resolution**	**RGB :** 1680 X 1050 @60 Hz **HDMI/DVI :** 1680 X 1050 @60 Hz
	Recommended Resolution	1680 X 1050 @60 Hz
	Horizontal Frequency	28 - 83 kHz
	Vertical Frequency	56 - 75 Hz
	Synchronization Type	Separate Sync, Digital
Input Connector		S-Video, Composite video, TV, D-Sub Analog, HDMI SCART, PC Audio In, Headphone/Earphone, component
Power	**Rated Voltage** **Power Consumption**	AC 100-240V~ 50/60Hz 1.0A On Mode : 50 W (Typ.) Sleep Mode $\leq$ 1 W Off Mode $\leq$ 1 W
Tilt	**Tilt Range** **Swivel**	-3˚ ~ 10˚ 350˚
Dimension/Weight	**Size (WxLxH)** **Weight (excl. package)**	484.3 mm x 230.0 mm x 414.3 mm 4.8 kg (10.58 lbs)
Environmental Conditions	**Operational Condition** **Storage Condition**	Temperature: 10˚C ~ 35˚C , Humidity: 20% ~ 80% Temperature: -10˚C ~ 60˚C , Humidity: 5% ~ 90%

Specifications

● PC Mode – Preset Mode

	Preset mode	Horizontal Frequency (kHz)	Vertical Frequency (Hz)		Preset mode	Horizontal Frequency (kHz)	Vertical Frequency (Hz)
1	720 x 400	31.468	70	11	1680 x 1050	64.674	60
2	640 x 480	31.469	60	12	1680 x 1050	65.290	60
3	640 x 480	37.500	75				
4	800 x 600	37.879	60				
5	800 x 600	46.875	75				
6	1024 x 768	48.363	60				
7	1024 x 768	60.123	75				
8	1152 x 864	67.500	75				
9	1280 x 1024	63.981	60				
10	1280 x 1024	79.976	75				

● DTV -Timming

	Preset mode	Horizontal Frequency (kHz)	Vertical Frequency (Hz)
1	720 x 480/60p	31.47	60
2	720 x 480/60p	31.5	60
3	720 x 576/50p	31.25	50
4	1280 x 720/50p	37.5	50
5	1280 x 720/60p	44.96	60
6	1280 x 720/60p	45	60
7	1920 x 1080/60i	33.72	60
8	1920 x 1080/60i	33.75	60
9	1920 x 1080/50i	28.125	50

● Power Indicator

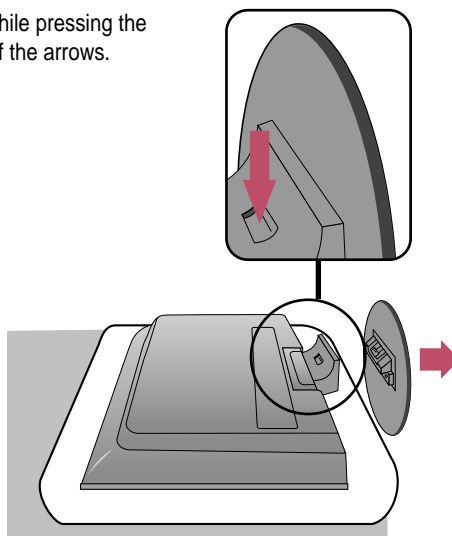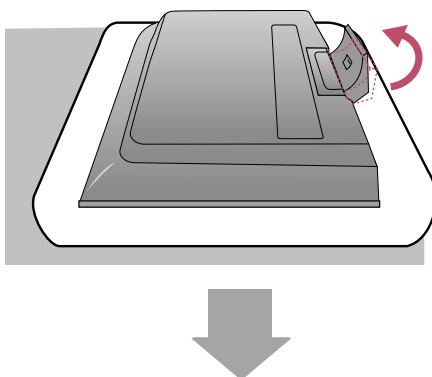| Mode	Product
On Mode	Blue
Sleep Mode	Amber
Off Mode	Off

Specifications

⬤ VESA wall mounting

This product meets VESA-compliant mounting interface pad specifications.

1. Put the product on a piece of cloth or other soft surface with the front side facing downward.

2. Please pull and remove the stand base while pressing the button on the stand body in the direction of the arrows.
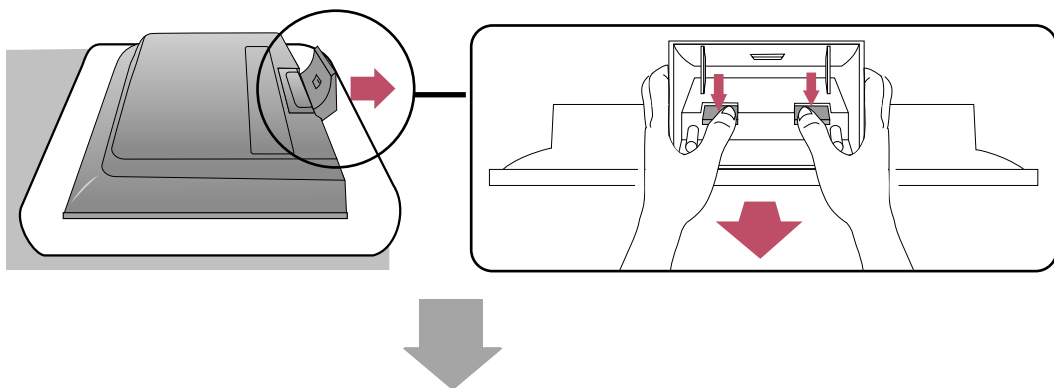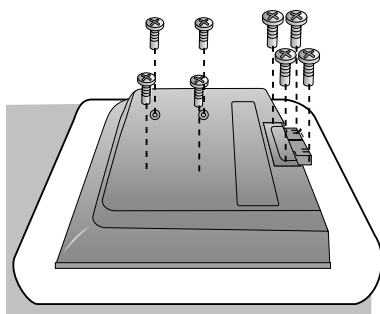
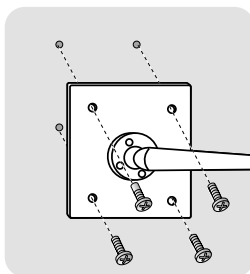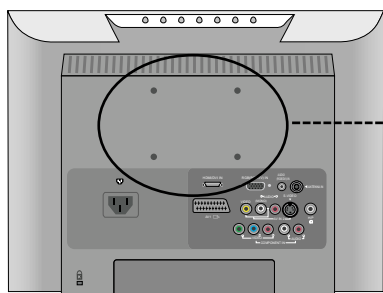**3.** Please put the stand body up.

Specifications

4. Please pull and remove the stand body while sliding and holding the latches down.

5. Fasten the screw on the backside of the product and the other one in the joint of the stand.

6. Install the VESA standard wall mounting.

VESA wall mounting
Connected to another object (stand type and wall-mounted type).
This product accepts a VESA-compliant mounting interfacepad.
(This has to be purchased separately if required.)
For further information, refer to the VESA Wall Mounting Instruction Guide.