



**LG**

Life's Good

ENGLISH

## OWNER'S MANUAL

# CINEMA 3D MONITOR

Please read the safety information carefully before using the product.

### List of Cinema 3D Monitor Models

DX2343

D2343P

DX2743

D2743P

# TABLE OF CONTENTS

## 3 ASSEMBLING AND PREPARING

---

- 3 Product Components
- 4 Component and Button Description
- 5 Monitor Installation
  - 5 - Assembling the stand base
  - 6 - Detaching the stand base
  - 7 - Installing on a table
  - 7 - Using the cable holder
  - 9 - Installing on a wall


## 10 USING THE MONITOR SET

---

- 10 Connecting the Monitor to the Computer
  - 10 - D-SUB connection
  - 10 - DVI-D connection
  - 10 - HDMI connection

## 12 CUSTOMIZING SETTINGS

---

- 13 CUSTOMIZING SETTINGS
  - 13 - MENU Settings
  - 14 - PICTURE
  - 15 - COLOR
  - 16 - DISPLAY
  - 16 - VOLUME
  - 17 - OTHERS
  - 17 -  SETTINGS
  - 18 - FUNC. Settings
    - 18 - 3D SETTINGS
    - 19 - Dual Play 실행하기
    - 20 - PICUTRE MODE
    - 21 - SUPER+ RESOLUTION
    - 22 - SUPER ENERGY SAVING

## 23 TROUBLESHOOTING

---

### 25 TROUBLESHOOTING WHEN USING 3D MODE

---

## 26 SPECIFICATIONS

---

- 28 Preset Mode
- 28 HDMI video 3D timing
- 29 HDMI timing
- 29 POWER INDICATOR

### 30 CAUTION WHEN WATCHING 3D VIDEO

---

## 31 PROPER POSTURE

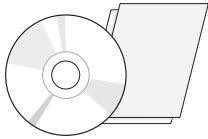
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- 31 Proper Posture for Using the Monitor
- 31 CAUTION WHEN WATCHING 3D VIDEO

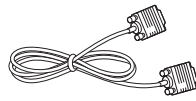
# ASSEMBLING AND PREPARING

## Product Components

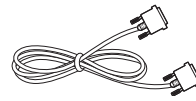
Please check whether all the components are included in the box before using the product. If there are missing components, contact the retail store where you purchased the product. Note that the product and components may look different from those shown here.



**Owner's Manual CD/Cards**



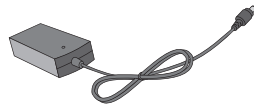
**D-Sub Signal Cable**



**DVI-D Signal Cable**  
(This feature is not available  
in all countries.)

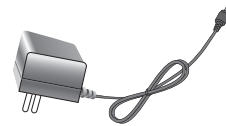


**Power Cord**  
(Depending on each country)

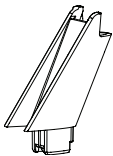


**AC-DC Adaptor**

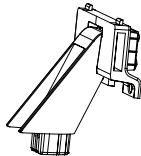
or



**AC-DC Adaptor**  
(Depending on each country)



**Stand Body**  
(DX2343 / D2343P)



**Stand Body**  
(DX2743 / D2743P)



**Two Screws**  
(DX2743 / D2743P)



**Stand Base**



**3D Glasses**  
(normal type)



**3D Glasses**  
(clip type)



### CAUTION

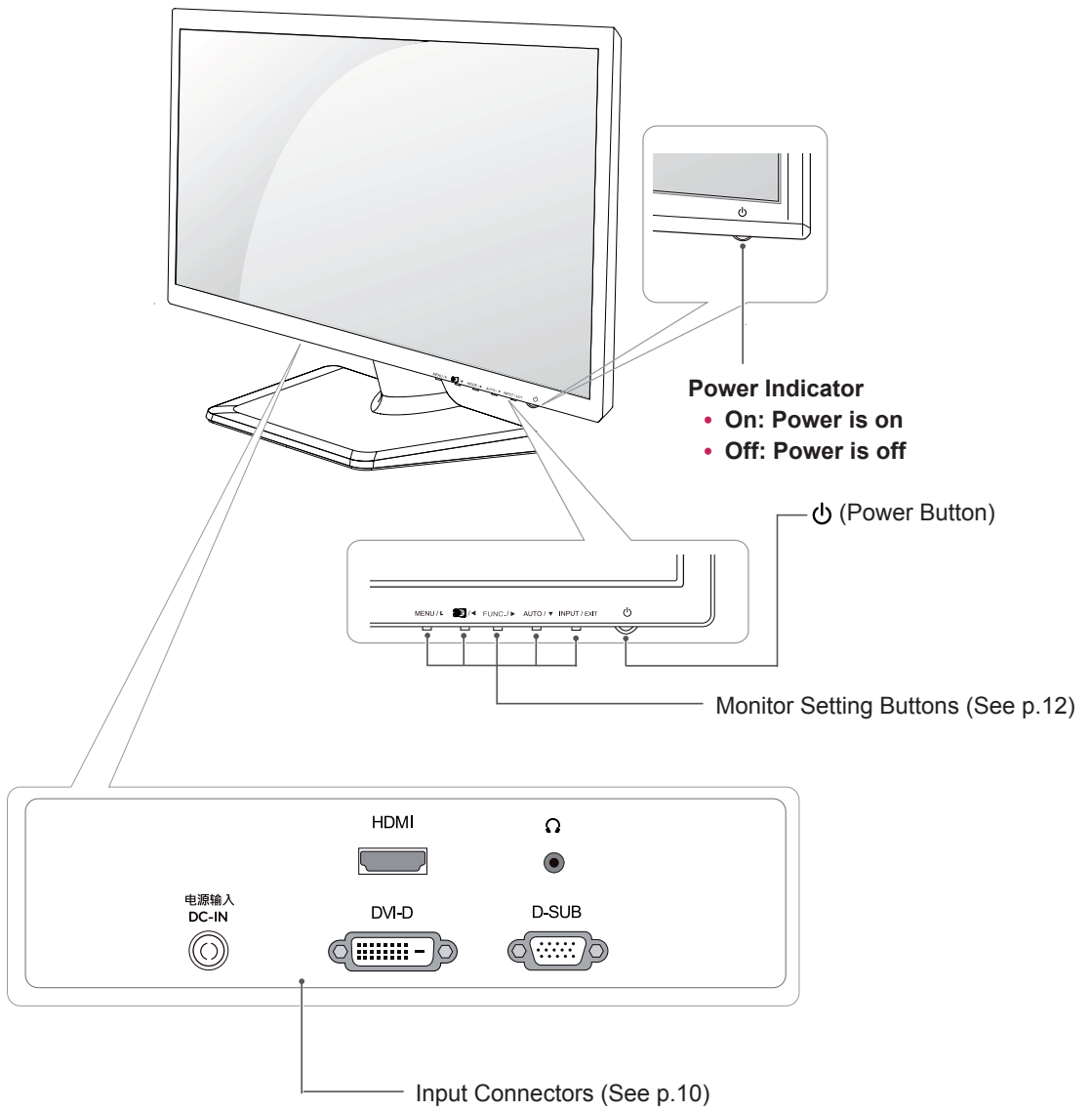
- Always use genuine components to ensure safety and product life.
- The product warranty will not cover damage or injury caused by the use of counterfeit components.



### NOTE

- Note that the components may look different from those shown here.
- Without prior notice, all information and specifications in this manual are subject to change to improve the performance of the product.

# Component and Button Description



## Monitor Installation

### Assembling the stand base

- 1 Place the monitor face down.

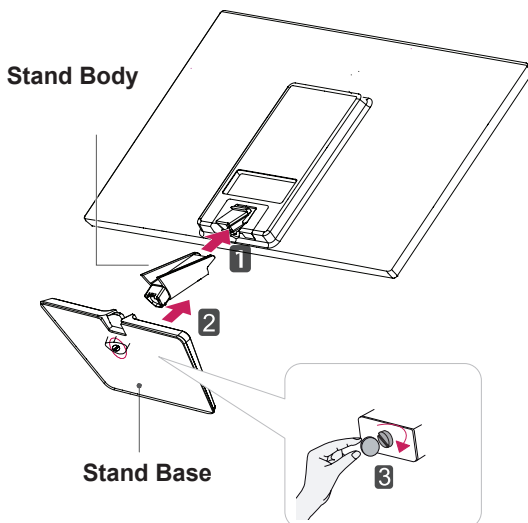


#### CAUTION

To protect the screen from scratches, cover the surface with a soft cloth.

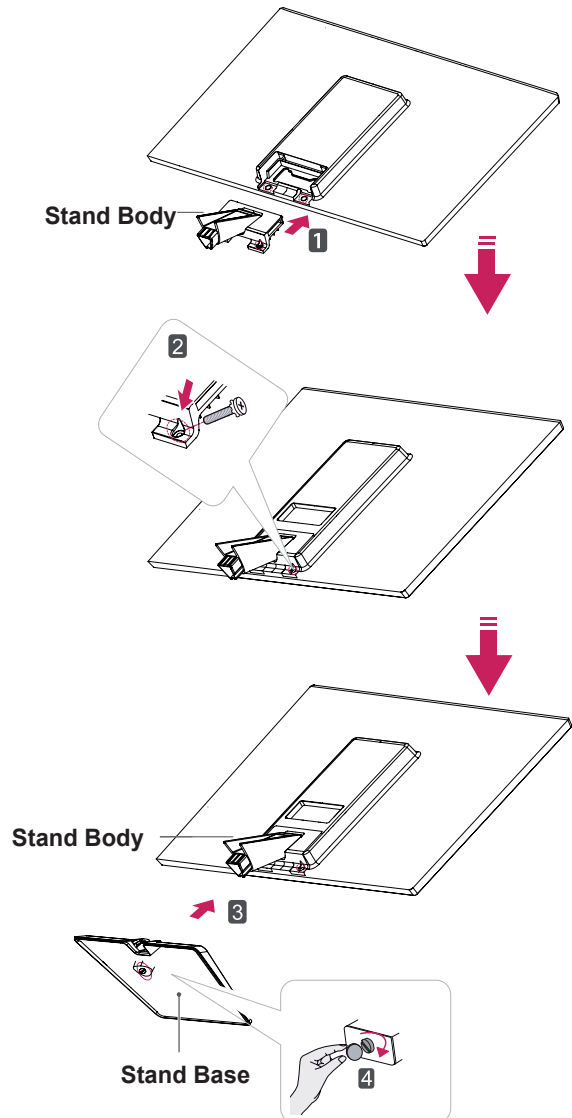
#### 2 DX2343 / D2343P

- 1 Attach the **stand body** to the monitor.
- 2 Attach the **stand base**.
- 3 Tighten the screw to the right using a coin.



#### DX2743 / D2743P

- 1 Attach the **stand body** to the monitor.
- 2 Fix the **stand body** to the monitor using **two screws**.
- 3 Attach the **stand base**.
- 4 Tighten the screw to the right using a coin.

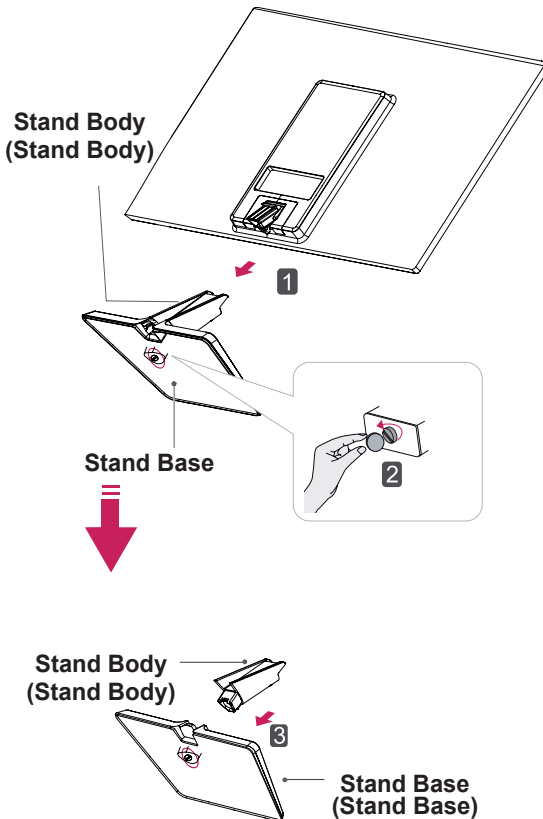


## Detaching the stand base

- 1 Place the monitor face down.  
To protect the screen from scratches, cover the surface with a soft cloth.

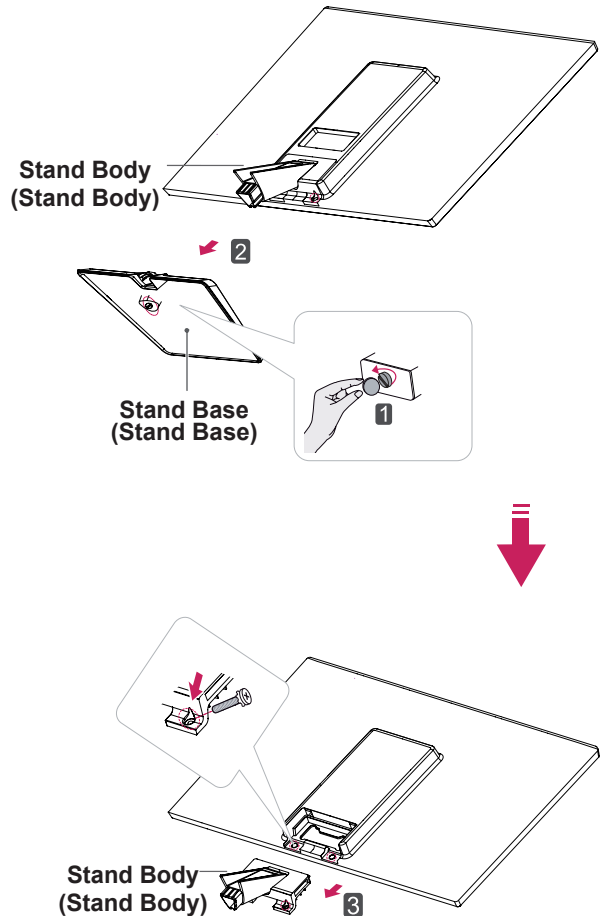
### 2 DX2343 / D2343P

- 1 Detach the **stand body and stand base from the monitor**.
- 2 Turn the screws to the left using a coin.
- 3 Detach the **stand base**.



### DX2743 / D2743P

- 1 Turn the screws to the left using a coin.
- 2 Detach the **stand base from the stand body**.
- 3 Unscrew the two screws to detach the **stand body from the monitor**.



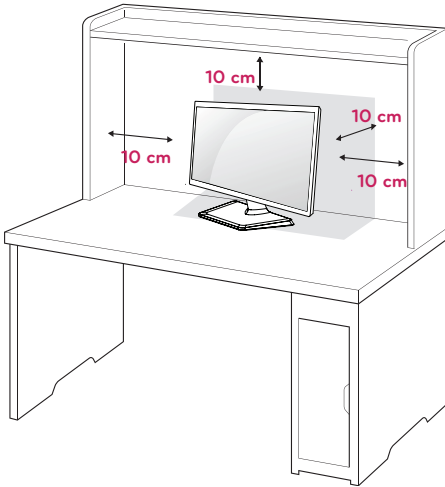
### CAUTION

- The components appearing in the illustrations may look different from the actual product.
- Do not carry the monitor upside-down as this may cause it to fall off its stand, resulting in damage or injury.

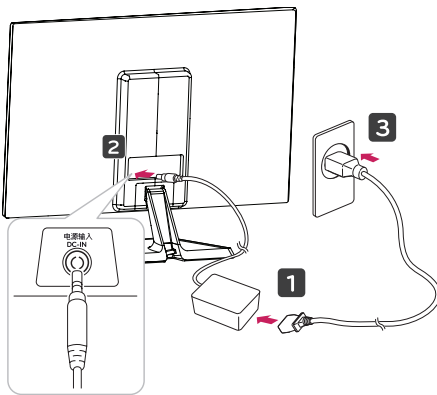
## Installing on a table

- 1 Lift the monitor and place it on the table in an upright position.

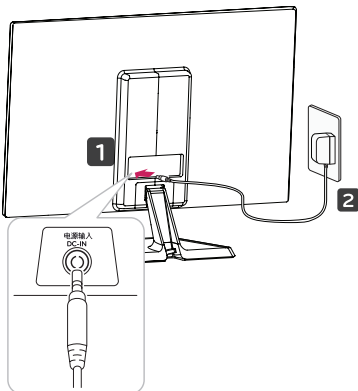
Install at least **10 cm** away from the wall to ensure sufficient ventilation.



- 2 Connect the power cord to the wall outlet.



or



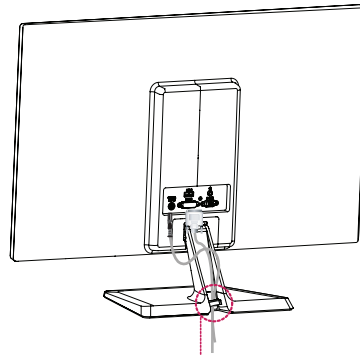
- 3 Turn on the monitor by pressing the  $\text{\textcircled{P}}$  (power) button on the bottom switch panel.



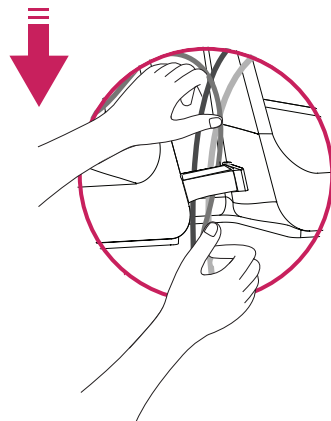
### CAUTION

Unplug the power cord before moving or installing the monitor. There is risk of electric shock.

## Using the cable holder

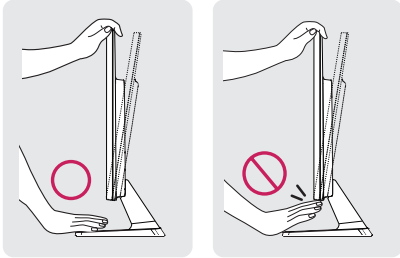


Cable Holder

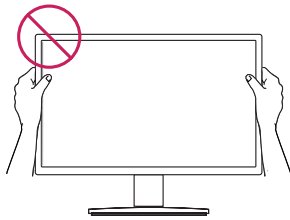


**! WARNING**

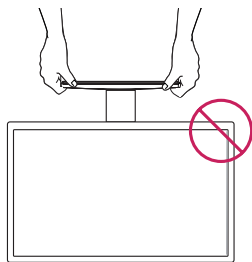
To avoid injury to the fingers when adjusting the screen, do not hold the lower part of the monitor's frame as illustrated below.



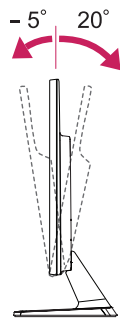
Be careful not to touch or press the screen area when adjusting the angle of the monitor.



Do not lift up the monitor as shown below. The monitor screen may fall off the stand base and injure someone.

**! NOTE**

The angle of the screen can be adjusted forwards or backwards from  $-5^{\circ}$  to  $20^{\circ}$  for a comfortable viewing experience.



Front Side

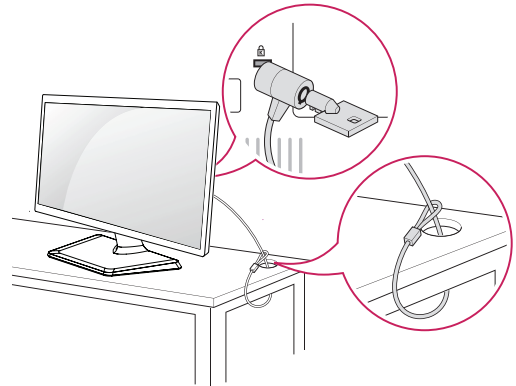
Rear Side

**Using the Kensington security lock**

The Kensington lock connector is located at the rear of the monitor.

For more information on installation and usage, refer to the Kensington lock user manual or visit the website: <http://www.kensington.com>.

Connect the monitor to the table with the Kensington lock cable.

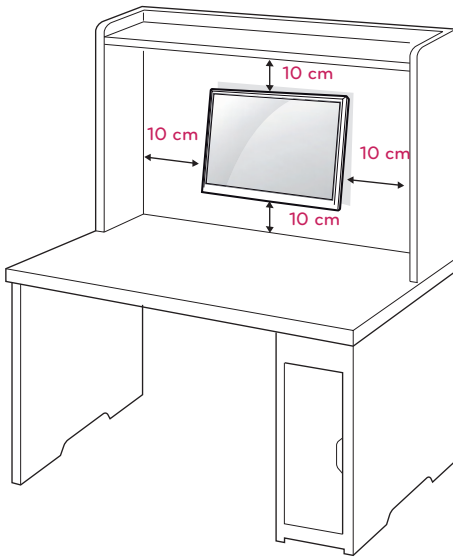
**! NOTE**

The Kensington security lock is optional. You can obtain additional accessories from most electronics stores.



## Installing on a wall

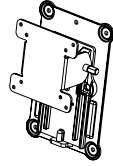
Install the monitor at least 10 cm away from the wall and leave about 10 cm of space at each side of the monitor to ensure sufficient ventilation. Detailed installation instructions can be obtained from your local retail store. Please refer to the manual to install and set up a tilting wall mounting bracket.



To install the monitor to the wall, attach a wall mounting bracket (optional) to the back of the monitor.

Make sure that the wall mounting bracket is securely fixed to the monitor and to the wall.

- 1 Use the screws and wall mounting bracket that comply with the VESA standard.
- 2 Screws which are longer than the standard length may damage the inside of the monitor.
- 3 A non-VESA standard screw may damage the product and cause the monitor to fall. LG Electronics is not liable for any accidents relating to the use of non-standard screws.
- 4 The monitor is VESA standard compliant.
- 5 Use it according to the VESA standard as specified below.
  - 784.8 mm (30.9 inch) or shorter
    - \* Thickness of the wall mount plate: 2.6 mm
    - \* Fastening screw: Diameter 4.0 mm x Pitch 0.7 mm x Length 10 mm
  - 787.4 mm (31.0 inch) or longer
    - \* Use the wall mount plate and screws conforming to the VESA standard.

<b>MODELS</b>	<b>DX2343</b>	<b>DX2743</b>
	<b>D2343P</b>	<b>D2743P</b>
<b>VESA (A x B)</b>	75 x 75	100 x 100
<b>Stand Screw</b>	M4	M4
<b>Required Screw</b>	4	4
<b>Wall Mount Plate (Optional)</b>	RW120 	

### NOTE

- Use the screws specified in the VESA standard.
- The wall mount kit includes the installation guide and necessary parts.
- The wall mounting bracket is optional. The accessories can be purchased at your local retail store.
- The length of the screw may differ for each wall mounting bracket. Ensure the correct length of the screw is used.
- For more information, please refer to the user manual supplied with the wall mounting bracket.

### CAUTION

- Unplug the power cord before moving or installing the monitor to avoid electric shocks.
- Installing the monitor on the ceiling or on a slanted wall may result in the monitor falling off, which could lead to injury.
- Use an authorized LG wall mount and contact a local dealer or qualified professional.
- Applying excessive force when fastening screws may cause damage to the monitor. Damage caused in this way will not be covered by the product warranty.
- Use the wall mounting bracket and screws that conform to the VESA standard. Damage caused by the use or misuse of inappropriate components will not be covered by the product warranty.

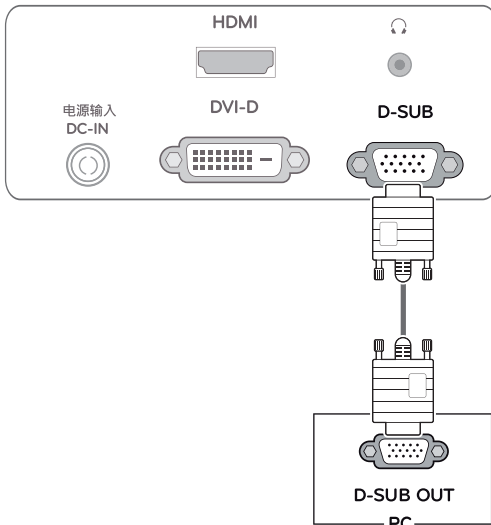
# USING THE MONITOR SET

## Connecting the Monitor to the Computer

- This monitor supports the \*Plug and Play feature.  
\*Plug and Play: A feature that allows you to add a device to your computer, without having to reconfigure anything or install any manual drivers.

### D-SUB connection

Transmits the analog video signal from your PC to the Monitor set. Connect the monitor to the PC using the provided 15-pin D-SUB signal cable as illustrated below.

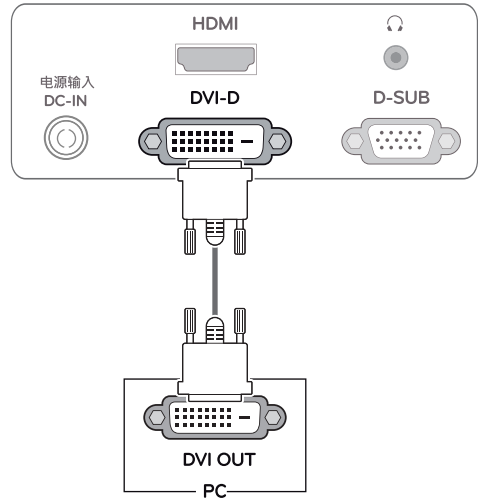


#### NOTE

- **Apple Adapter**  
An Apple adapter is required to use the monitor with an Apple computer. The adapter can be purchased at an Apple store.

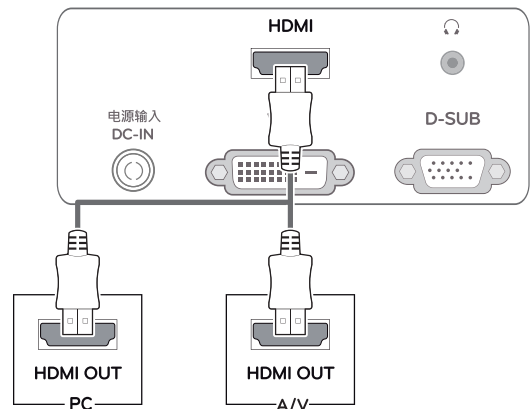
### DVI-D connection

Transmits the digital video signal from your PC to the Monitor set. Connect the PC and the monitor with the DVI cable as shown in the following illustrations.



### HDMI connection

Transmits the digital video and audio signals from your PC and A/V devices to the monitor. Connect the PC and A/V devices to the monitor with the HDMI cable as shown in the following illustrations.

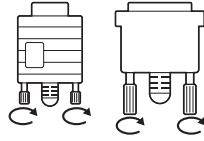


#### NOTE

- There may be compatibility issues if an HDMI signal is used in the PC environment.

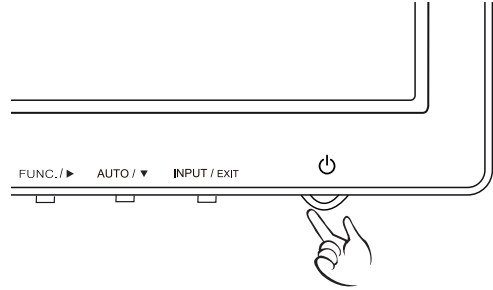
**CAUTION**

- Connect the input signal cable and turn in the direction of the arrow. To prevent disconnection secure the cable tightly.
- Do not press on the screen for a prolonged time. This may cause image distortion.
- Do not display a still image on the screen for a prolonged time. This may cause image retention. Use a screensaver if possible.



**Self Image Adjustment**

Press the power button to turn on the monitor. When the power is on, the "Self Image Adjustment" function automatically operates (only available for analog signals).



**NOTE**

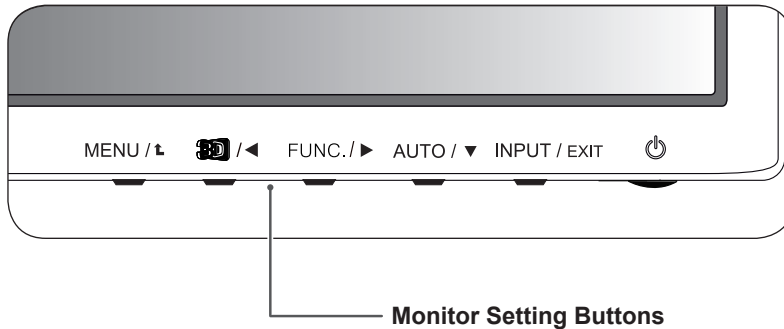
- If you want to connect two computers to the monitor, connect signal cables (D-SUB/DVI-D/HDMI) to each computer.
- When using D-SUB or DVI input, earphones cannot be used to play sound. Instead, connect speakers to your PC's audio output.
- When connecting the power cord to the outlet, use a grounded (3-hole) multi-socket or a grounded wall outlet.
- The monitor may flicker when turned on in an area of low temperature. This is normal.
- Sometimes red, green, or blue spots may appear on the screen. This is normal.

**NOTE**

- **Self Image Adjustment**  
This function runs when the monitor is connected for the first time and performs automatic image adjustment for each signal to provide an optimal screen display (only available for analog signals).
- **AUTO**  
The Auto Image Adjustment option allows you to improve the picture quality if the screen is dimmed, if the text appears blurred or too wide, if the screen flickers or if the display area is not centered after adjusting the resolution. (Only available for analog signals).

# CUSTOMIZING SETTINGS

- 1 Press a button at the bottom of the monitor.
- 2 Use the ◀, ▶, and ▼ buttons to adjust options.  
To return to the upper menu or set other menu items, use the up arrow (⬆) button.
- 3 Select **EXIT** to leave the OSD menu.

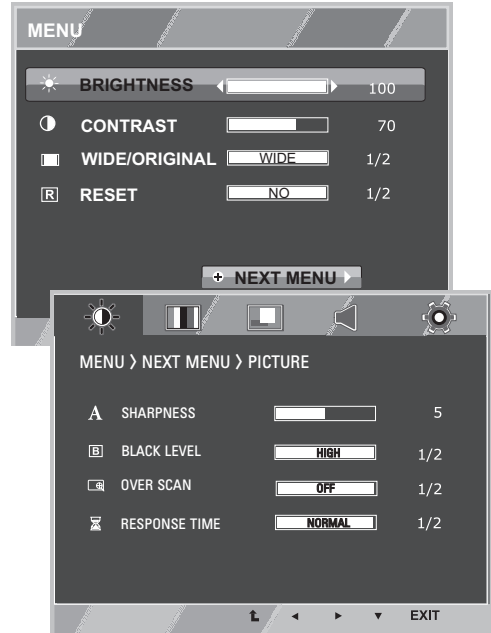


Button	Description
MENU (MENU / ⬆ )	Activates the main menu. (See p.13)
	<b>OSD LOCKED/UN-LOCKED</b> Locks/unlocks the OSD screen. <ul style="list-style-type: none"> <li>• To lock the OSD screen, press and hold the MENU button for several seconds. / The "OSD LOCKED" message will be displayed and the screen will be locked.</li> <li>• To unlock the OSD screen, press and hold the MENU button again for several seconds. The "OSD UNLOCKED" message will be displayed and the screen will be unlocked.</li> </ul>
3D / ◀	The 2D → 3D hot key is used to move to the 3D Settings menu. Recognizes the input image automatically and displays 3D images without having the 3D mode on manually.
FUNC. / ▶	Activates menus to select and adjust various functions.
AUTO (AUTO / ▼ )	Adjusts the monitor setting for optimum viewing (only available for analog signals).
	<b>Optimal Resolution</b> 1920 x 1080
INPUT/EXIT ( INPUT / EXIT )	Allows you to select the input signal. <ul style="list-style-type: none"> <li>• If two or more input signals are connected, you can select an input signal as you want (D-SUB/DVI/HDMI).</li> <li>• If only one computer is connected to the monitor, the input signal is detected automatically. The default input signal is analog (D-SUB).</li> </ul>
	<b>EXIT</b> Exits the OSD menu.
⏻ (Power Button)	Power On or Off.
	<b>Power Indicator</b> When the monitor is working correctly (Power On), the Power Indicator is red. If the monitor is in power saving mode, the Power Indicator blinks red.

# CUSTOMIZING SETTINGS

## MENU Settings

- 1 To display the OSD **MENU**, press the **MENU** button at the bottom of the monitor.
- 2 Press the ◀, ▶, or ▼ button to change settings.
- 3 To set up more options, go to the "NEXT MENU" menu.
- 4 Select **EXIT** to leave the OSD menu.  
To return to the upper menu or set other menu items, use the up arrow (⬆) button.



The description of available options for each setting or input signal is shown below.

Menu	Analog	Digital	HDMI	Description
<b>BRIGHTNESS</b>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Adjusts the brightness and contrast of the screen.
<b>CONTRAST</b>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
<b>WIDE/ORIGINAL</b>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<b>WIDE</b>
				Displays the video in wide-screen, regardless of the video signal input.
<b>RESET</b>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<b>ORIGINAL</b>
				Displays a video according to the input video signal aspect ratio. • This function is available only when the aspect ratio of input resolution is lower than the screen resolution ratio (16:9).
<b>RESET</b>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Resets to the default setting when the monitor is purchased. Press the ◀, ▶ buttons to reset immediately.

MENU > NEXT MENU		Analog	Digital	HDMI	Description
<b>PICTURE</b>	<b>SHARPNESS</b>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Adjusts the clarity of the screen.
	<b>BLACK LEVEL</b>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	Sets the offset level.
	<b>OVER SCAN</b>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	Sets the size of a displayed picture.
	<b>RESPONSE TIME</b>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Sets the response time of a displayed picture.
<b>COLOR</b>	<b>GAMMA</b>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Customizes the color of the screen.
	<b>COLOR TEMP</b>				
<b>DISPLAY</b>	<b>HORIZONTAL</b>	<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	Adjusts the position of the screen.
	<b>VERTICAL</b>				
	<b>CLOCK</b>	<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	Improves the clarity and stability of the screen.
	<b>PHASE</b>				
<b>VOLUME</b>		<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	Adjust the volume.
<b>OTHERS</b>	<b>LANGUAGE</b>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Adjusts according to each user's environment.
	<b>POWER INDICATOR</b>				
	<b>WHITE BALABCE</b>				

- **Analog:** D-SUB (analog signal) input
- **Digital:** DVI-D (Digital signal) input
- **HDMI:** HDMI (Digital signal) input

## PICTURE

- 1 To display the OSD **MENU**, press the **MENU** button at the bottom of the monitor.
- 2 In the OSD menu, go to the "**NEXT MENU**" menu.
- 3 Press the **▼** button to go to the **PICTURE** settings.
- 4 Press the **◀**, **▶**, or **▼** button to change settings.
- 5 Select **EXIT** to leave the OSD menu.  
To return to the upper menu or set other menu items, use the up arrow (**⬆**) button.



Each option is explained below.

MENU > NEXT MENU > PICTURE	Description
<b>SHARPNESS</b>	Adjusts the clearness of the screen.
<b>BLACK LEVEL</b>	Sets up the offset level. 'HIGH' makes the screen brighter and 'LOW' makes it darker (only for HDMI). • <b>Offset:</b> As a reference for a video signal, this is the darkest color the monitor can display.
<b>OVER SCAN</b>	Adjusts the displayed picture size in HDMI DTV timing (only for HDMI). If the monitor is connected to an AV device, it is recommended that you enable the OVER SCAN function.
<b>RESPONSE TIME</b>	You can set a response time for displayed pictures based on the speed of the screen. For a normal environment, it is recommended that you use 'NORMAL'. For a fast-moving picture, it is recommended that you use 'FAST'.

- **OVER SCAN** and **RESPONSE TIME** are disabled in 3D mode.

## COLOR

- 1 To display the OSD **MENU**, press the **MENU** button at the bottom of the monitor.
- 2 In the OSD menu, go to the "**NEXT MENU**" menu.
- 3 Press the **▶** button to select **COLOR** menu.
- 4 Press the **▼** button to go to the **COLOR** settings.
- 5 Press the **◀**, **▶**, or **▼** button to change settings.
- 6 Select **EXIT** to leave the OSD menu.  
To return to the upper menu or set other menu items, use the up arrow (**↑**) button.

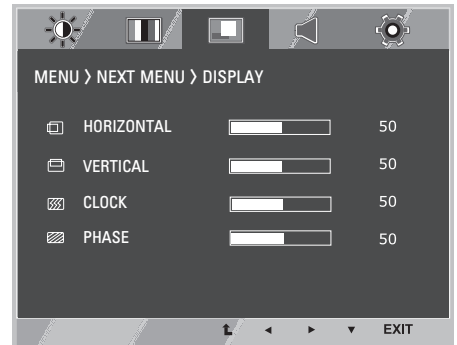


Each option is explained below.

MENU > NEXT MENU > COLOR	Description
<b>GAMMA</b>	GAMMA Setting: higher gamma settings mean a brighter image is displayed or vice versa.
<b>COLOR TEMP</b>	<p><b>CUSTOM</b></p> <ul style="list-style-type: none"> <li>• <b>RED</b></li> <li>• <b>GREEN</b></li> <li>• <b>BLUE</b></li> </ul> <p>You can customize the picture color using Red, Green, and Blue colors.</p> <p>Selects a factory default picture color.  <b>WARM:</b> Sets the screen color to a red tone.  <b>MEDIUM:</b> Sets the screen color between the red and blue tone.  <b>COOL:</b> Sets the screen color to a blue tone.</p>

## DISPLAY

- 1 To display the OSD **MENU**, press the **MENU** button at the bottom of the monitor.
- 2 In the OSD menu, go to the "**NEXT MENU**" menu.
- 3 Press the ► button to select **DISPLAY** menu.
- 4 Press the ▼ button to go to the **DISPLAY** settings.
- 5 Press the ◀, ▶, or ▼ button to change settings.
- 6 Select **EXIT** to leave the OSD menu.  
To return to the upper menu or set other menu items, use the up arrow (⬆) button.



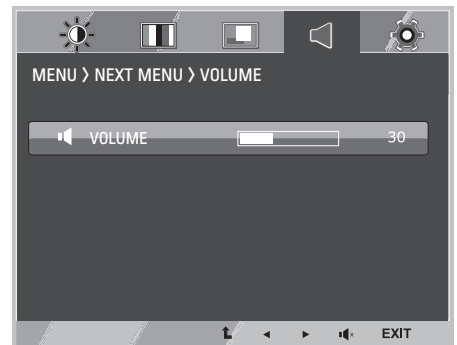
Each option is explained below.

MENU > NEXT MENU > DISPLAY	Description
<b>HORIZONTAL</b>	Moves the picture to the left/right.
<b>VERTICAL</b>	Moves the picture up/down.
<b>CLOCK</b>	Minimizes the vertical lines in the background. The horizontal size of a picture can also be adjusted.
<b>PHASE</b>	Adjusts the picture angle. Removes horizontal noise or sharpens images of people.

- This setting is only available for analog input.

## VOLUME

- 1 To display the OSD **MENU**, press the **MENU** button at the bottom of the monitor.
- 2 In the OSD menu, go to the "**NEXT MENU**" menu.
- 3 Press the ► button to select **VOLUME** menu.
- 4 Press the ▼ button to go to **VOLUME** settings.
- 5 Press the ◀ or ▶ button to change settings.(To mute, select the 🔊\*key.)
- 6 Select **EXIT** to leave the OSD menu.  
To return to the upper menu or set other menu items, use the up arrow (⬆) button.



Each option is explained below.

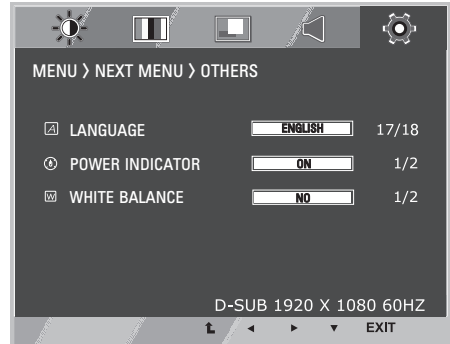
MENU > NEXT MENU > VOLUME	Description
<b>VOLUME</b>	Adjusts the volume of headphones/earphones.

- This setting is only available for the HDMI input.



## OTHERS

- 1 To display the OSD **MENU**, press the **MENU** button at the bottom of the monitor.
- 2 In the OSD menu, go to the "**NEXT MENU**" menu.
- 3 Press the **▶** button to select **OTHERS** menu.
- 4 Press the **▼** button to move to **OTHERS** settings.
- 5 Press the **◀**, **▶**, or **▼** button to change settings.
- 6 Select **EXIT** to leave the OSD menu.  
To return to the upper menu or set other menu items, use the up arrow (**⬆**) button.



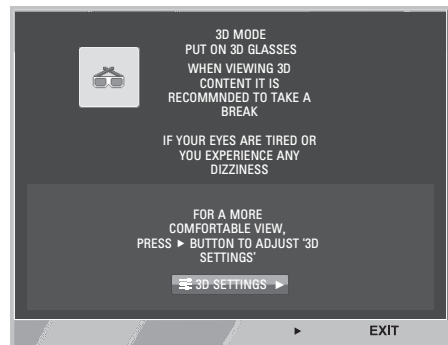
Each option is explained below.

MENU > NEXT MENU > OTHERS	Description
<b>LANGUAGE</b>	Sets the menu screen to the desired language.
<b>POWER INDICATOR</b>	Turns the power indicator on the front side of monitor on/off manually. When "POWER INDICATOR OFF" is selected, the power indicator is turned off. When "POWER INDICATOR ON" is selected, the power indicator is turned on.
<b>WHITE BALANCE</b>	If the video card output is different from the specified level, the color may appear to have altered due to video signal distortion. The white balance adjusts the output signal level to correspond to that of the standard signal, therefore providing optimal display. Use this function when there are black and white colors on the screen.

- The white balance function is only available for analog input.

## 3D SETTINGS

- 1 To watch 3D, press the **3D** button at the bottom of the monitor.
- 2 To start 3D setting, press the **▶** button to go to the "**3D SETTINGS**" menu.
- 3 Select **EXIT** to leave the OSD menu.



Each option is explained below.

3D	Description
<b>3D MODE</b>	Recognizes the input image automatically and displays 3D images on the screen.

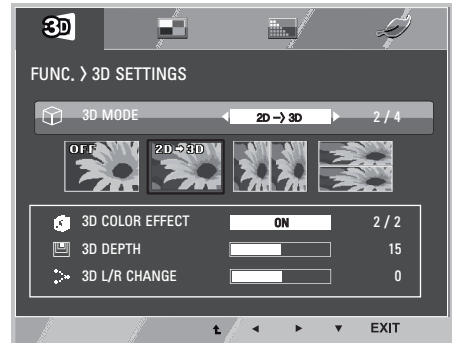
### NOTE

- 3D 영화를 시청하기 위해서는 Media Player 에서 전체화면으로 화면 설정 후 시청해야 합니다 .
- It is recommended to select 1920x1080@60Hz for optimal 3D viewing.
- When the 3D mode is activated, the OSD size increases to 3D OSD.

## FUNC. Settings

### 3D SETTINGS

- 1 To display the **3D** OSD, press the **FUNC.** button at the bottom of the monitor.
- 2 Press the **◀**, **▶**, or **▼** button to change settings.
- 3 Select **EXIT** to leave the OSD menu.  
To return to the upper menu or set other menu items, use the up arrow (**⬆**) button.



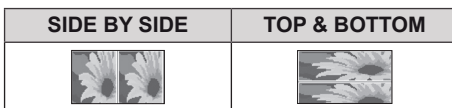
Each option is explained below.

FUNC. > 3D SETTINGS	Description		
<b>OFF</b>	Displays the input data as it is.		
<b>2D → 3D</b>	A user can see 2D picture as 3D images.		
	<b>3D COLOR EFFECT</b>	The colors suitable for 3D pictures are applied.	
	<b>3D DEPTH</b>	Adjusts the stereoscopic effect of the 3D image converted from a 2D image.	
	<b>3D VIEWPOINT</b>	Adjusts the perspective of 3D picture.	
<b>SIDE BY SIDE TOP &amp; BOTTOM</b>	SIDE BY SIDE: An image signal transmitted in side-by-side format is processed for viewing in 3D. TOP & BOTTOM: An image signal transmitted in up-and-down format is processed for viewing in 3D.		
	<b>3D COLOR EFFECT</b>	The colors suitable for 3D picture are applied.	
	<b>3D → 2D</b>	Converts 3D images into 2D images.	
	<b>3D L/R CHANGE</b>	The L/R picture is switched. Select a screen with better 3D display quality.	
		<b>R-L</b>	The right output of the 3D image is displayed before the left.
		<b>L-R</b>	The left output of the 3D image is displayed before the right.



#### CAUTION

- 3D MODE.



- Select an appropriate 3D mode according to the input 3D signal.
- If the 3D option selected is incorrect, images may not be displayed properly.
- To watch 3D images, select 3D content.
- If 3D is converted to 2D for some content, the left or right image may be truncated, depending on the content.



#### NOTE

- The [2D → 3D] mode is available for all input modes.
- When input is changed, 3D mode is automatically turned off.
- Some menus may not work while watching 3D video.

## Setting Dual Play

- 1 Connect a game console to the monitor.
- 2 To start Dual Play mode, press the FUNC. button at the bottom of the monitor.
- 3 Select the screen split mode supported by the game.
- 4 Put on the Dual Play glasses to enjoy game.



### NOTE

- **What is Dual Play mode?**

When playing a 1:1 battle game with a game console, such as Playstation, Xbox and Wii, users used to play the game with the screen divided top and bottom or side by side.

With Dual Play mode, each player can enjoy the game with a full screen.

- To play in Dual Play mode, the Dual Play glasses (type A and B) are required.
- The Dual Play glasses are not provided with the monitor. Please purchase them separately.
- The game should support the screen split mode to be played in Dual Play mode. (Operation type of Dual Play: Side by Side / Top & Bottom)
- If the screen does not look clear enough with the Dual Play glasses on, change the glasses with each other.
- You should choose proper glasses according to the operation type of Dual Play.

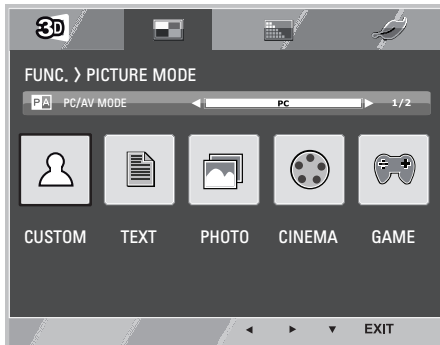


### CAUTION

- Certain images may appear overlapped during playing game. It is recommended to play right in front of the screen.
- When the game console has a low resolution, the picture quality may not be good in Dual Play mode.
- Please note that Dual Play glasses are different from regular 3D glasses. There is the mark "Dual Play" written on the Dual Play glasses.

## PICUTRE MODE

- 1 To display the **PICTURE MODE** OSD, press the **FUNC.** button at the bottom of the monitor.
- 2 Press the ◀, ▶, or ▼ button to change settings.
- 3 Select **EXIT** to leave the OSD menu.



< PC mode: D-Sub, DVI-D, HDMI input >



< AV mode: HDMI input >

- Options in PC/AV MODE are available only with HDMI input.

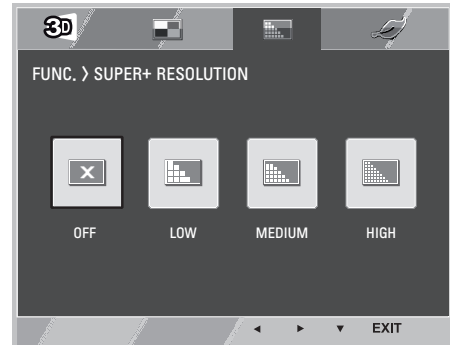
Each option is explained below.

FUNC. > PICTURE MODE > PC MODE	Description
<b>CUSTOM</b>	The user can adjust each element. The color mode of the main menu can be adjusted.
<b>TEXT</b>	The screen can be optimized for document processing.
<b>PHOTO</b>	The screen can be optimized to improve the visual effect of an image.
<b>CINEMA</b>	The screen can be optimized to improve the visual effect of a video.
<b>GAME</b>	The screen can be optimized for game play.

FUNC. > PICTURE MODE > AV MODE	Description
<b>CUSTOM</b>	A user can adjust each element. The color mode of main menu can be adjusted.
<b>VIVID 1</b>	The screen can be optimized for vivid visual effects.
<b>VIVID 2</b>	The screen can be optimized for more vivid visual effects.
<b>STANDARD</b>	The screen can be optimized to display normal picture quality.
<b>CINEMA</b>	The screen can be optimized to improve the visual effect of a video.

## SUPER+ RESOLUTION

- 1 To display **SUPER+ RESOLUTION** OSD, press the **FUNC.** button at the bottom of the monitor.
- 2 Press the ◀, ▶, or ▼ button to change settings.
- 3 Select **EXIT** to leave the OSD menu.



Each option is explained below.

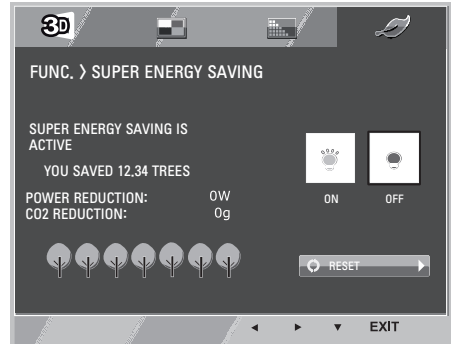
FUNC. > SUPER+ RESOLUTION	Description
<b>OFF</b>	Select this option for everyday viewing. SUPER+RESOLUTION is turned off in this mode.
<b>LOW</b>	The optimized picture quality is displayed when a user wants smooth and natural images. It is effective for slow-moving pictures or still images.
<b>MEDIUM</b>	The optimized picture quality is displayed when a user wants images between low and high modes for comfortable viewing. It is effective for UCC or SD video.
<b>HIGH</b>	Optimized picture quality is displayed when a user wants crystal clear images. It is effective for high quality video or game.

### ! NOTE

- Select SR (SUPER+ RESOLUTION) mode to display a blurred image as a sharp image. (Please note there may be a noise depending on the SR mode.)

## SUPER ENERGY SAVING

- 1 To display **SUPER ENERGY SAVING** OSD, press the **FUNC.** button at the bottom of the monitor.
- 2 Press the ◀, ▶, or ▼ button to change settings.
- 3 Select **EXIT** to leave the OSD menu.



Each option is explained below.

FUNC. > SUPER ENERGY SAVING	Description
<b>ON</b>	The SUPER ENERGY SAVING function is used to save energy to the maximum extent while using the monitor. When the SUPER ENERGY SAVING function is turned on, you can save as much energy as Super Energy Saving efficiency allows.
<b>OFF</b>	Disables the SUPER ENERGY SAVING function.
<b>RESET</b>	Resets the values of total energy consumption reduction and CO2 emission reduction.

**NOTE**

- **POWER REDUCTION:** Total amount of reduced energy consumption.
- **CO2 REDUCTION:** Total amount of reduced CO2.
- **Energy saving data (W/h)**

	584 mm (23 inch)	686 mm (27 inch)
SUPER ENERGY SAVING	7 W/h	9 W/h

- The energy-saving data may vary depending on panel or panel supplier.
- LG measures the data by using a "Broadcast Video Signal". (Broadcasting video included: IEC 62087)
- The Super Energy Saving data indicates how much energy can be saved when the Super Energy Saving function is used.

# TROUBLESHOOTING

Nothing is displayed on the screen	
Is the monitor's power cord plugged in?	<ul style="list-style-type: none"> <li>• Check if the power cord is correctly plugged in to the outlet.</li> </ul>
Is the power indicator on?	<ul style="list-style-type: none"> <li>• Check the power indicator.</li> </ul>
Is the power indicator displaying as red?	<ul style="list-style-type: none"> <li>• Adjust the brightness and the contrast.</li> </ul>
Is the power indicator blinking?	<ul style="list-style-type: none"> <li>• Connect the signal cable to your computer.</li> <li>• If the signal cable is connected, make sure that your computer is turned on.</li> <li>• If your computer is in power saving mode, move your mouse or press any key of your keyboard to return to the normal mode.</li> </ul>
Is the "OUT OF RANGE" message displayed?	<ul style="list-style-type: none"> <li>• This occurs when signals transferred from the PC (video card) are out of the horizontal or vertical frequency range of the monitor. Please see the "Product Specification" section of this manual to set the appropriate frequency.</li> </ul>
Is the 'No Signal' message displayed?	<ul style="list-style-type: none"> <li>• After displaying the "NO SIGNAL" message for 30 seconds, the monitor will automatically enter power saving mode.</li> </ul>
Is the RGB (D-Sub) or DVI cable completely connected to the monitor?	<ul style="list-style-type: none"> <li>• Check if the cable is connecting the monitor and PC correctly.</li> </ul>

## The "OSD LOCKED" message is displayed.

Is the "OSD LOCKED" message displayed when the MENU button is pressed?	<ul style="list-style-type: none"> <li>• The OSD lock feature is enabled to prevent undesired modification of the OSD settings. Press and hold the MENU button for a couple of seconds to unlock the OSD. (The "OSD UNLOCKED" message will be displayed.)</li> </ul>
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## The screen retains an image.

Does image sticking occur even when the monitor is turned off?	<ul style="list-style-type: none"> <li>• Displaying a still image for a prolonged time may cause damage to the screen, resulting in the retention of the image.</li> <li>• Use a screen saver to use the monitor for a prolonged period of time.</li> </ul>
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## There is no sound.

Is there no sound even when the speakers are turned on?	<ul style="list-style-type: none"> <li>• Check if the input has an HDMI signal.</li> <li>• If the PC and monitor are connected with an HDMI cable, separate audio settings are required for the PC graphics card.</li> </ul>
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### NOTE

- **Vertical Frequency:** In order to display an image, the screen must be refreshed dozens of times per second like a fluorescent lamp. The number of times the screen is refreshed per second is called vertical frequency or refresh rate and is represented by Hz.
- **Horizontal Frequency:** The time it takes to display one horizontal line is called the horizontal cycle. The number of horizontal lines displayed in one second can be calculated by dividing one by the horizontal cycle. This is called horizontal frequency and is represented by kHz.

<b>The image is displayed abnormally.</b>	
Does the display area appear un-centered?	Pressing the AUTO button will automatically optimize the screen to the current display mode.
Does the screen exhibit vertical lines?	Pressing the AUTO button will automatically optimize the screen to the current display mode.
Does the screen display horizontal frequencies, or does the text appear blurred?	Pressing the AUTO button will automatically optimize the screen to the current display mode.

 **NOTE**

- Check if the video card's resolution or frequency is within the range allowed by the monitor and set to the recommended (optimal) resolution in Control Panel > Display > Settings.
- Failing to set the video card to the recommended (optimal) resolution may result in blurred text, a dimmed screen, a truncated display area or misalignment of the display.
- The configuration procedure may differ depending on your computer and/or operating system. Also, some video cards may not support certain resolutions. In that case, contact the manufacturer of the computer or video card for assistance.

<b>The display color is abnormal.</b>	
Does the display color appear dis-colored (16 color)?	<ul style="list-style-type: none"> <li>• Set the color to 24 bit (true color) or higher. In Windows, go to Control Panel &gt; Display &gt; Settings &gt; Color Quality.</li> </ul>
Does the display color appear unstable or in monochrome?	<ul style="list-style-type: none"> <li>• Check if the signal cable is connected properly. Re-connect the cable or re-insert the PC's video card.</li> </ul>
Are there spots on the screen?	<ul style="list-style-type: none"> <li>• When using the monitor, pixilated spots (red, green, blue, white or black) may appear on the screen. This is normal for the LCD screen. It is not an error nor is it related to the monitor's performance.</li> </ul>

<b>The 'Unknown Monitor' message appears when the monitor is connected.</b>	
Did you install the monitor driver?	<ul style="list-style-type: none"> <li>• Install the enclosed monitor driver which is provided with the monitor or go to LG Electronics homepage (<a href="http://www.lg.com">http://www.lg.com</a>) to download and install the monitor driver.</li> <li>• Check whether the plug &amp; play function is supported by referring to the video card user manual.</li> </ul>

<b>The screen is flickering.</b>	
Did you select the recommended resolution?	<ul style="list-style-type: none"> <li>• If the selected resolution is HDMI <b>1080i</b> 60/50 Hz, the screen may be flickering. Change the resolution to the recommended resolution <b>1080P</b>.</li> </ul>



# TROUBLESHOOTING WHEN USING 3D MODE

## I can see a swirling oil-like pattern on the screen when the monitor is turned off.

- This is caused by the interference of external light in the air layer between the LCD surface and 3D filter. The pattern becomes almost invisible when you turn on the monitor.

## Images displayed are not in 3D.

If you are not using the glasses provided with the monitor	<ul style="list-style-type: none"> <li>• When you view 3D images with this monitor, it is very important that you use the glasses provided with the monitor. The glasses are designed to compensate optically for the 3D filter attached to the surface of the monitor. If you wear third-party glasses, you may not see 3D images properly on the monitor.</li> </ul>
If you are watching 3D images out of optimal viewing angle, or distance	<b>DX2343 D2343P</b> <ul style="list-style-type: none"> <li>• The optimal vertical viewing angle for this monitor is within 12°, and the optimal horizontal angle is within 130°. The optimal viewing distance for 3D is between 55 cm and 400 cm from the monitor. When you view 3D images outside the optimal viewing angle or 3D viewing distance, the images may appear overlapped or may not be displayed properly in 3D.</li> </ul>
	<b>DX2743 D2743P</b> <ul style="list-style-type: none"> <li>• The optimal vertical viewing angle for this monitor is within 12°, and the optimal horizontal angle is within 130°. The optimal viewing distance for 3D is between 55 cm and 500 cm from the monitor. When you view 3D images outside the optimal viewing angle or 3D viewing distance, the images may appear overlapped or may not be displayed properly in 3D.</li> </ul>
If you have not set the resolution,	<ul style="list-style-type: none"> <li>• Please set the resolution of the monitor to the maximum (1920 x 1080 @ 60 Hz) in the display settings.</li> </ul>
If the images that your left and right eyes see are reversed,	<ul style="list-style-type: none"> <li>• The stripe images in the even-numbered lines are the ones that your right eye sees on the monitor. If you only see the horizontal stripe images, not 3D images, set the images for your right eye to be displayed in the even-numbered lines by changing the player or viewer option of the 3D software.</li> </ul>

## I can only see 2D images.

- This monitor works both in 2D and 3D mode. You can view a video in 3D if it is made in 3D. If you try to view 2D images in 3D, they might not be displayed properly or you may experience poor picture quality.

# SPECIFICATIONS

DX2343

D2343P

<b>LCD Panel</b>	<b>Type</b>	584 mm (23 inch) TFT (Thin Film Transistor) LCD (Liquid Crystal Display) Panel Diagonal length of the screen: 686 mm	
	<b>Pixel Pitch</b>	0.2652 mm x 0.2652 mm	
<b>Resolution</b>	<b>Maximum Resolution</b>	D-Sub (Analog): 1920 x 1080 @ 60 Hz DVI (Digital) / HDMI: 1920 x 1080 @ 60 Hz	
	<b>Recommended Resolution</b>	1920 x 1080 @ 60 Hz	
<b>Video Signal</b>	<b>Horizontal Frequency</b>	30 kHz to 83 kHz	
	<b>Vertical Frequency</b>	56Hz to 75Hz (D-Sub, DVI-D) 56Hz to 61Hz (HDMI)	
	<b>Synchronization</b>	Separate Sync. / Digital	
<b>Input Connector</b>	15-pin D-Sub (Analog), DVI-D (Digital), HDMI		
<b>Power</b>	<b>Rated Voltage</b>	19 V --- ___ A	
	<b>Power Consumption</b>	<b>2D</b>	<b>3D</b>
		On Mode: 26 W (Typ.) Power Saving Mode ≤ 0.5 W Off Mode ≤ 0.5 W	On Mode: 28 W (Typ.) Power Saving Mode ≤ 0.5 W Off Mode ≤ 0.5 W
<b>AC-DC Adaptor</b>	Manufactured by Lien Chang Electronic Enterprise Co., Ltd. LCAP26A-E Type		
	Output: 19 V --- 1.7 A		
<b>Dimension/ Weight</b>	<b>Monitor Size (Width x Height x Depth)</b>		
	<b>With stand</b>	54.4 cm x 40.6 cm x 18.1 cm	
	<b>Without Stand</b>	54.4 cm x 33.2 cm x 5.5 cm	
<b>Weight (Without Packaging)</b>	4.85 kg		
<b>Stand Angle Adjustment</b>	Forwards/Backwards: -5° to 20° (Head)		
<b>Environmental Conditions</b>	<b>Operating Condition</b>	Temperature: 10 °C to 35 °C; Humidity: 10 % to 80 %	
	<b>Storing Condition</b>	Temperature: -20 °C to 60 °C; Humidity: 5 % to 90 %	

The specifications are subject to change without notice.

DX2743

D2743P

<b>LCD Panel</b>	<b>Type</b>	686 mm (27 inch) TFT (Thin Film Transistor) LCD (Liquid Crystal Display) Panel Diagonal length of the screen: 686 mm	
	<b>Pixel Pitch</b>	0.3114 mm x 0.3114 mm	
<b>Resolution</b>	<b>Maximum Resolution</b>	D-Sub (Analog): 1920 x 1080 @ 60 Hz DVI (Digital) / HDMI: 1920 x 1080 @ 60 Hz	
	<b>Recommended Resolution</b>	1920 x 1080 @ 60 Hz	
<b>Video Signal</b>	<b>Horizontal Frequency</b>	30 kHz to 83 kHz	
	<b>Vertical Frequency</b>	56Hz to 75Hz (D-Sub, DVI-D) 56Hz to 61Hz (HDMI)	
	<b>Synchronization</b>	Separate Sync. / Digital	
<b>Input Connector</b>	15-pin D-Sub (Analog), DVI-D (Digital), HDMI		
<b>Power</b>	<b>Rated Voltage</b>	19 V --- ___ A	
	<b>Power Consumption</b>	<b>2D</b>	<b>3D</b>
		On Mode: 28 W (Typ.) Power Saving Mode ≤ 0.5 W Off Mode ≤ 0.5 W	On Mode: 29 W (Typ.) Power Saving Mode ≤ 0.5 W Off Mode ≤ 0.5 W
<b>AC-DC Adaptor</b>	Manufactured by Lien Chang Electronic Enterprise Co., Ltd. LCAP26A-E Type		
	Output: 19 V --- 1.7 A		
<b>Dimension/ Weight</b>	<b>Monitor Size (Width x Height x Depth)</b>		
	<b>With stand</b>	64.1 cm x 45.9 cm x 20.3 cm	
	<b>Without Stand</b>	64.2 cm x 39.0 cm x 4.7 cm	
<b>Weight (Without Packaging)</b>	4.83 kg		
<b>Stand Angle Adjustment</b>	Forwards/Backwards: -5° to 20° (Head)		
<b>Environmental Conditions</b>	<b>Operating Condition</b>	Temperature: 10 °C to 35 °C; Humidity: 10 % to 80 %	
	<b>Storing Condition</b>	Temperature: -20 °C to 60 °C; Humidity: 5 % to 90 %	

The specifications are subject to change without notice.

## Preset Mode

Preset Mode	Horizontal Frequency (kHz)	Vertical Frequency (Hz)	Polarity (H/V)	Remark
720 x 400	31.468	70	-/+	*
640 x 480	31.469	60	-/-	
640 x 480	37.500	75	-/-	*
800 x 600	37.879	60	+/+	
800 x 600	46.875	75	+/+	*
1024 x 768	48.363	60	-/-	
1024 x 768	60.023	75	+/+	*
1152 x 864	67.500	75	+/+	*
1280 x 1024	63.981	60	+/+	
1280 x 1024	79.976	75	+/+	*
1680 x 1050	65.290	60	-/+	
1920 x 1080	67.500	60	+/+	Recommended Mode

\* HDMI PC mode not supported.

## HDMI video 3D timing

Resolution	Play Rate	3D Format
1920x1080p	59.94 Hz / 50 Hz	Top & Bottom
		Side by Side (half)
1280x720p	59.94 Hz / 50 Hz	Frame Packing
		Top & Bottom
		Side by Side (half)
1920x1080i	59.94 Hz / 50 Hz	Side by Side (half)
1920x1080p	24 Hz / 30 Hz	Frame Packing
		Top & Bottom
		Side by Side (half)



### CAUTION

- To play 3D videos in HDMI 3D Frame Packing, HDMI 3D Side by Side or HDMI 3D Top & Bottom, the media content and player need to support these formats.
- The video input in HDMI 3D format is automatically converted into 3D video.

## HDMI timing

Preset Mode	Horizontal Frequency (kHz)	Vertical Frequency (Hz)	Remark
576P	31.25	50	
720P	37.5	50	
720P	45	60	
1080i	28.12	50	
1080i	33.75	60	
1080P	56.25	50	
1080P	67.5	60	Recommended Mode

## POWER INDICATOR

Mode	LED Color
On Mode	Red
Power Saving Mode	Blinking Red
Off Mode	Off

## CAUTION WHEN WATCHING 3D VIDEO

### When watching 3D video



If you watch 3D images too closely for a long period of time, this may cause blurred vision.

If you watch 3D images for a long time, you may feel dizzy or experience eye fatigue.

If you are pregnant, a senior, drunk, have heart problems, or easily feel motion sickness, we recommend that you do not watch 3D images.

Because 3D images can be recognized as real, some viewers may get surprised or overexcited.

Do not watch 3D images near fragile objects or any objects that can be knocked over easily.

Take care not to injure yourself as you may subconsciously try to move away from the life-like 3D images.

Prevent 5-year or younger children from watching 3D video. It may impair the development of their eyes.

Warning about photosensitivity seizures

Some users may experience a seizure or other abnormal symptoms when they are exposed to a flashing light or particular pattern from a video game or movie. If anyone in your family has a history of epilepsy or has ever experienced any kind of seizure, please consult your doctor before viewing 3D images. If you experience one of the following symptoms while watching 3D video, stop watching the 3D video immediately and take a rest.

- Dizziness, twitching of the eye or facial muscles, involuntary movements, cramp, loss of consciousness, confusion, loss of sense of direction, or nausea

If the symptom does not disappear, please consult your doctor.

You can reduce the risk of photosensitive seizures with the following preventive measures.

- Take a 5-15 min. rest after 1 hour watching of 3D video.

- If eyesight is different for each of your eyes, correct the difference before watching 3D video.

- Watch 3D video at your eye level.

- You should stop watching if you experience a headache, fatigue or dizziness.

- If you feel sleepy, tired, or sick, stop watching 3D video for a longer period of time.

### When watching 3D video



Parents/guardians should monitor children and young people when watching 3D videos to ensure no accidents happen.

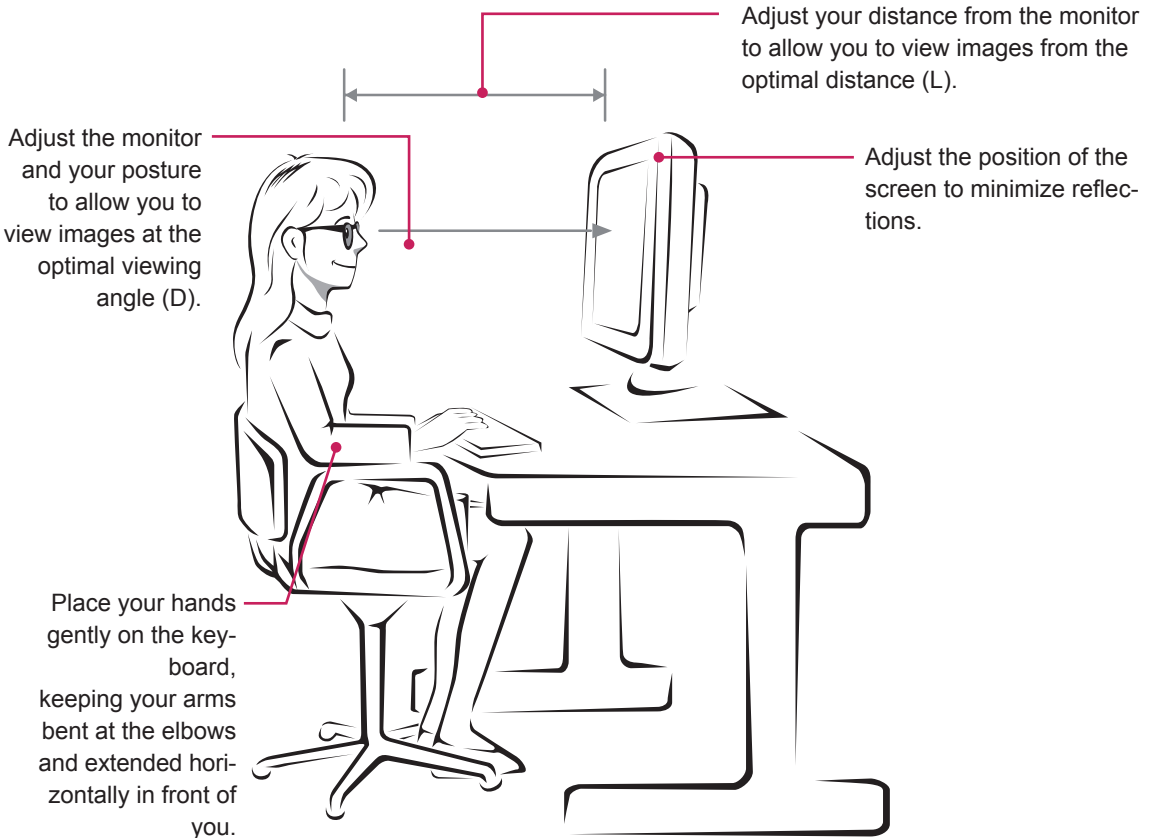
### 3D Glasses



- Do not use 3D glasses as regular glasses, sunglasses, or goggles. This may damage your vision.
- Do not keep the 3D glasses in an extremely hot or cold place. This may damage the shape. Do not use the 3D glasses if they are damaged because this may impair your vision or make you dizzy.
- The lenses of the 3D glasses (polarizing film) are easily scratched. Use a soft clean cloth when cleaning them. Do not use any chemical cleaning products on the glasses.

# PROPER POSTURE

## Proper Posture for Using the Monitor



**DX2343**   **D2343P**

Mode	Dimension	Monitor 3D viewing distance	Monitor 3D optimal viewing distance (L)	Optimal viewing angle (D)
When viewing 3D images	58.4 cm	55 cm - 400 cm	90 cm	12°

**DX2743**   **D2743P**

Mode	Dimension	Monitor 3D viewing distance	Monitor 3D optimal viewing distance (L)	Optimal viewing angle (D)
When viewing 3D images	68.6 cm	55 cm - 500 cm	100 cm	12°

## CAUTION WHEN WATCHING 3D VIDEO

- Wear the 3D glasses provided with the monitor.
- Watch in a proper position.
- Watch in the optimal viewing distance (L) and optimal viewing angle (D).  
(Viewing 3D images too closely may cause your vision to worsen, or you may experience dizziness.)



Make sure to read the Safety Precautions before using the product.

Keep the Owner's Manual (CD) in an accessible place for future reference.

The model and serial number of the SET is located on the back and one side of the SET.

Record it below should you ever need service.

MODEL \_\_\_\_\_

SERIAL \_\_\_\_\_

ENERGY STAR is a set of power-saving guidelines issued by the U.S. Environmental Protection Agency (EPA).



As an ENERGY STAR Partner LGE U. S. A., Inc. has determined that this product meets the ENERGY STAR guidelines for energy efficiency.