



APPENDIX G
: USER'S MANUAL



LG

Life's Good

English

OWNER'S MANUAL

INTERNET MONITOR

Read the safety precautions carefully before you use the product.

INTERNET MONITOR MODEL

P1900B

KU-0903(Keyboard)

MSU0909(Mouse)

www.lg.com

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TIPS



Important Safety Precautions and Notations

Familiarize yourself with the [Important Safety Precautions] to use this product safely and correctly.



* Caution: The warranty does not cover any damage resulting from reckless use or use in undesirable operating environments.

The below symbols are to inform you of dangers and safety concerns that you must be aware of. Read the instructions marked with these symbols carefully to avoid any possible mishap and use the product correctly.

Safety Precaution Notations

 CAUTION	Noncompliance with the instruction may cause serious injury or death.
 WARNING	Noncompliance with the instruction may cause minor injury or product damage.

In-Manual Notations

 CAUTION	The product may not operate correctly or settings may be altered.
 NOTE	Indicates a useful hint or tip for using the product.

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The figures shown in this manual are for illustrative purpose only and may have some differences to the actual product.

The specifications and appearance of this product are subject to change without prior notice for quality improvement, and **LG Electronics** reserves the right to effect the changes.

This product has been approved as an electromagnetic compatible device for domestic use (Type B), and may be used in all places.

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Using the Product Correctly

Maintaining the correct posture while using this product can alleviate eye strain and allow more comfortable use.

Refer to the following to use the product in the correct posture.



NO.	Description
①	The screen should be slightly below eye level. (The monitor angle may be adjusted from 12 ° to 32 °)
②	Adjust the screen to eliminate glare.
③	Straighten your neck and back.
④	Keep your hands, wrists, and arms level.
⑤	Adjust the height of your chair to have your hands and arms at a suitable position for using the keyboard.

ASSEMBLING AND PREPARING

Product Contents

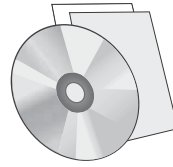
Before using the product, check that it comes with all the specified components.



Internet Monitor Unit



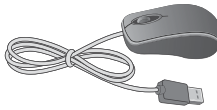
Installation Guide



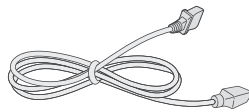
CD manual and cards



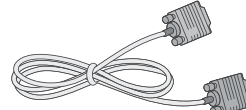
Keyboard



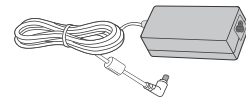
Mouse



Power Cord



D-SUB Signal Cable
(This signal cable may be attached to this product before shipping out.)



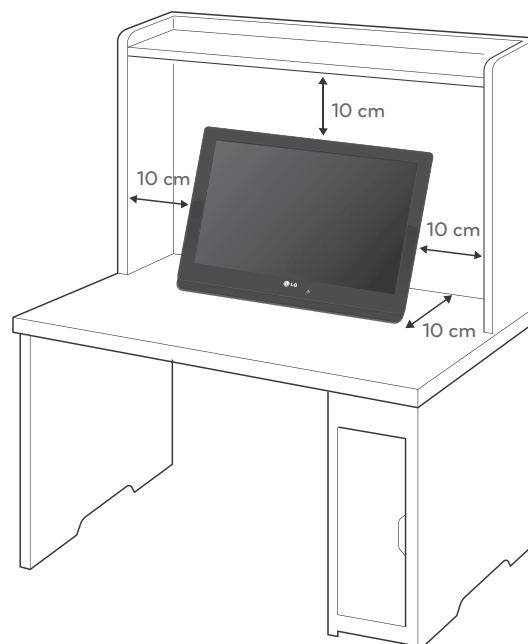
Power Adapter

! NOTE

- The monitor color and components may vary depending on the model and are subject to change without prior notice for performance improvement.

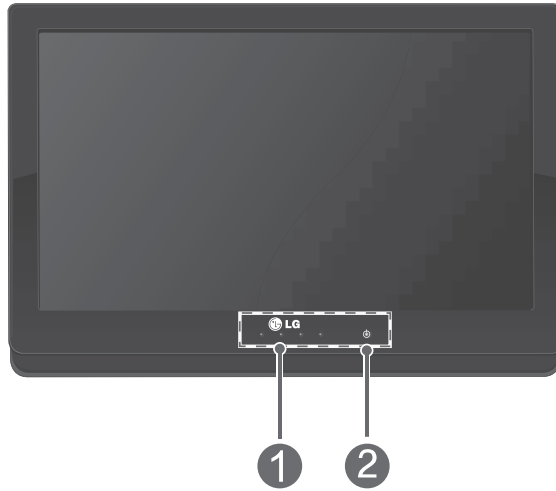
Product Operating Environment

The Monitor must be installed on a flat surface. It is recommended to leave space around the product as shown below.

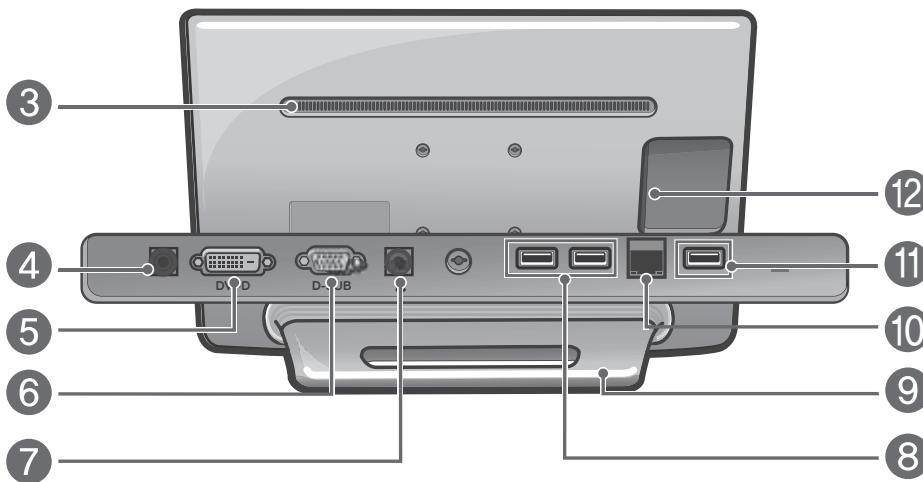


Component Names and Functions

Front View



Rear View



NO.	Functions	NO.	Functions
①	Menu buttons	⑦	Headphone port
②	Power button	⑧	USB ports for mouse and keyboard
③	Air holes	⑨	Monitor angle adjuster
④	Power port	⑩	LAN port
⑤	DVI-D port	⑪	Maintenance port
⑥	D-SUB port	⑫	USB port, SD memory card slot

! NOTE

- Maintenance port is used for diagnostic purposes at the service center when there is a problem with the product.
- Do not place radios or other devices using specific frequencies within 10 cm of the front side buttons and power button.

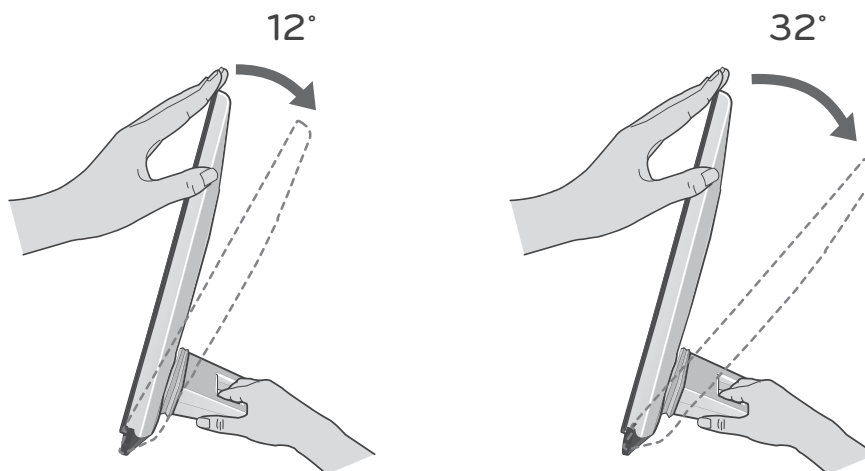
Installing the Product

Installing on a Desk

- 1 Remove the protective film from the monitor frame.



- 2 Erect the monitor upright and adjust the screen angle appropriately using the angle adjuster as shown in the following figure.



CAUTION

- When adjusting the monitor screen angle, avoid touching or pressing the screen with your fingers.
- If the monitor angle is adjusted out of range, the rubber of the monitor angle adjuster may be damaged.
- If you touch the damaged part of the adjuster or alien substances enter there, product damage may occur.

Installation for wall mount

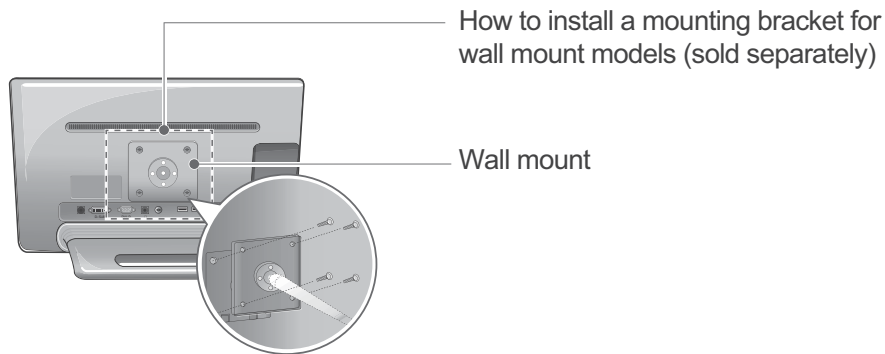
- 1 Please, Use the screw and wall mount interface in accordance with VESA Standards.
- 2 If you use screw longer than standard, the monitor might be damaged internally.
- 3 If you use improper screw, the product might be damaged and drop from mounted position. In this case, LG Electronics is not responsible for it.
- 4 VESA compatible only with respect to screw mounting interface dimensions and mounting screw specifications
- 5 Please use VESA standard as below.

784.8 mm (30.9 inch) or smaller

- Thickness of Wall Mount Stand Plate: 2.6 mm
- Fixing Screw: 4.0 mm (diameter) x 0.7 mm (Pitch) x 10 mm (Length)

787.4 mm (31.0 inch) or bigger

- Please use VESA standard wall mount pad and screws.



Model	P1900B
VESA (A x B)	75 x 75
Stand Screw	M4
Number of screws	4
Wall Mount Stand Plate (Optional)	RW120

⚠ CAUTION

- Unplug the power cord before moving or installing a monitor. It eliminates the risk of receiving an electric shock.
- There is a risk of suffering injury from falling monitor if the monitor is installed on the ceiling or a sloped wall.
- Use authentic LG wall mount stands and inquire at a nearby retail outlet or professional installers for installation.
- Tightening the screws too much may cause damage to the monitor. Warranty does not cover such damages.
- Use a VESA standard wall mount plate and screws. Warranty does not cover damages caused by misuse or use of incompatible components.

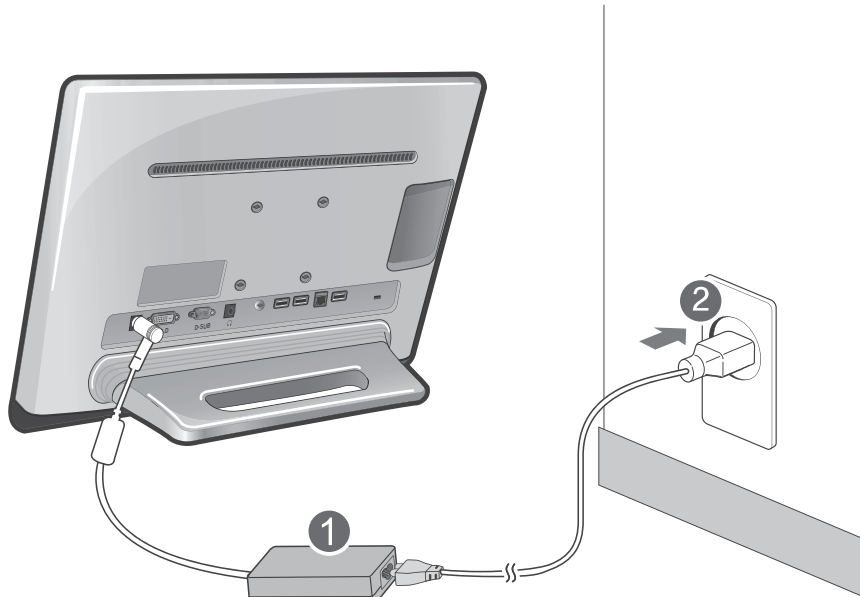
! NOTE

- Please use the nuts specified in the VESA Specifications.
- When you mount the monitor on the wall, make sure to secure enough space for the stand.
- A wall mount stand kit comes with an installation manual and necessary components.
- The wall mount is optional. You can purchase optional items at your nearest retail outlet.
- The length of screws may differ depending on the type of wall mount stand used. Make sure to use screws with the right length.
- Refer to the manual supplied with the wall mount stand for more details.

CONNECTING THE MONITOR

Connecting the Power

Connect the power adapter to the monitor and connect the power cord to a wall outlet.



! NOTE

- To ensure safety when using the product, connect the monitor to a multi-tab or wall outlet fitted with an earth terminal.

! CAUTION

- Unplug the power cord before moving or installing a monitor. (There is a risk of receiving an electric shock.)

Connecting with a PC

This monitor supports "Plug and Play" function.

Plug and Play function enables a PC to automatically recognize a device that has been connected to the PC without requiring the user to configure operating environment or make manual adjustments.

If your PC has a DVI-D port, then it is recommended to use a DVI cable to connect with the **Internet Monitor**. Connecting a high-resolution LCD monitor using a DVI-D Signal Cable produces clearer and higher quality pictures.

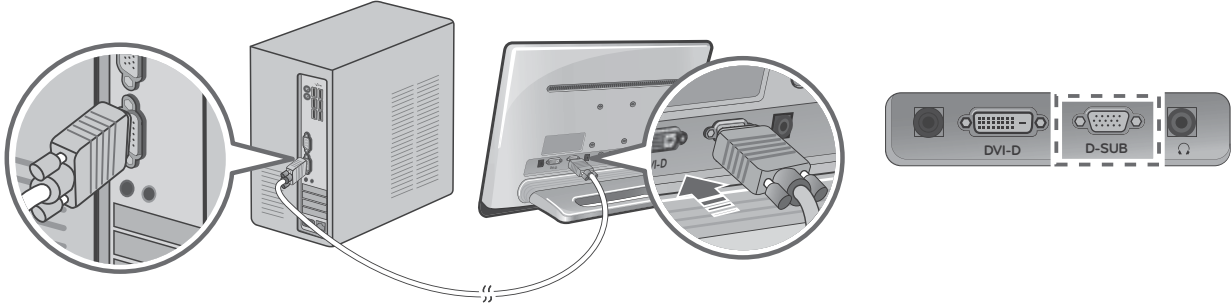
! NOTE

- If no TV signal cable (D-SUB or DVI) is connected, the monitor automatically changes to **internet monitor** mode.
- Use the cable provided to connect the monitor.
- Using a third-party cable may cause the screen to display incorrectly or generate other problems.

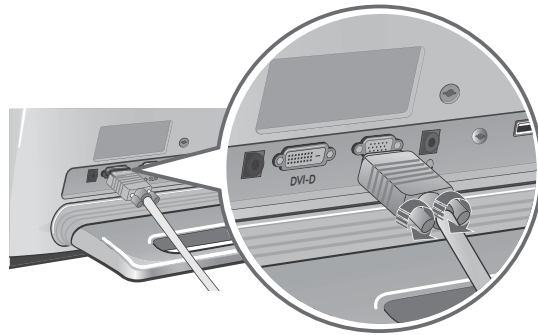
Connecting with a D-SUB Signal Cable

It transmits analog video signals from the PC to the monitor.

- 1 As shown in the following figure, use a D-SUB Signal Cable to connect a PC with the monitor.



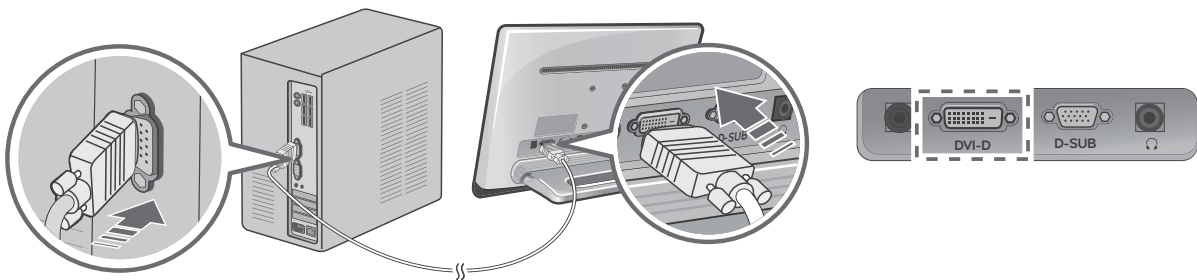
- 2 Tighten the two cable connector screws by turning them in the direction of the arrows.



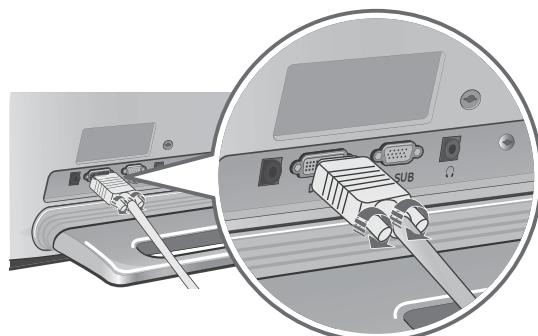
Connecting with a DVI-D Signal Cable

It transmits digital video signals from the PC to the monitor.

- 1 As shown in the following figure, use a DVI-D Signal Cable to connect a PC with the monitor.

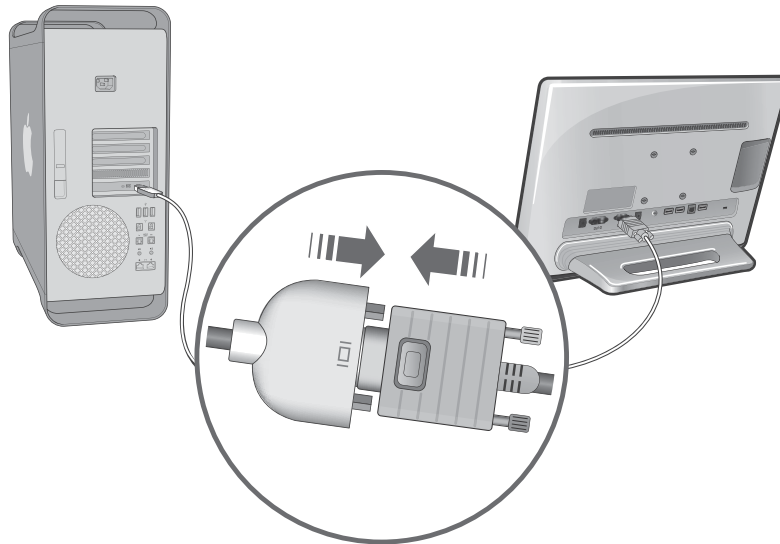


- 2 Tighten the two cable connector screws by turning them in the direction of the arrows.



Connecting with a Mac

If your Mac does not have a D-SUB or DVI-D port, use a Mac adapter as shown below to connect with the monitor before use.



! NOTE

- Mac adapter is not supplied with the product and must be purchased separately.
- As there may be compatibility issues with generic adapters available on the market, it is recommended to use a standard Mac adapter.

USING THE MONITOR

Turning on Power

- 1 When you have completed connecting the monitor's power adapter and cable (D-SUB or DVI-D), press and hold the [Power] button on the front of the monitor for 2 to 3 seconds to turn the power on. (If the monitor is stored in a cool place, the screen may flicker briefly when you turn the power on.)
- 2 The monitor starts in Internet mode when you turn on the power.
- 3 To enter Normal mode, press any button on the front of the monitor to display the MONITOR SETUP OSD (On Screen Display) menu. Then press the [INPUT] button.



! NOTE

Optimal screen setting function

- When the monitor is turned on, the Optimal screen setting function runs automatically. (Supported for analog signals only.)

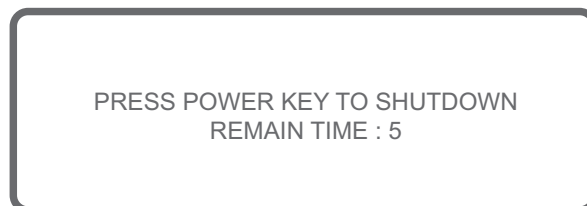
AUTO function

- If you experience screen blurring, text smearing, text spilling, screen shaking, or screen slanting while using the monitor or after changing the screen resolution, press **AUTO** button on the MONITOR SETUP OSD (On Screen Display) menu to achieve optimal display results. (Supported for analog signals only.)

Turning off Power

Touching Once (turns the screen off)

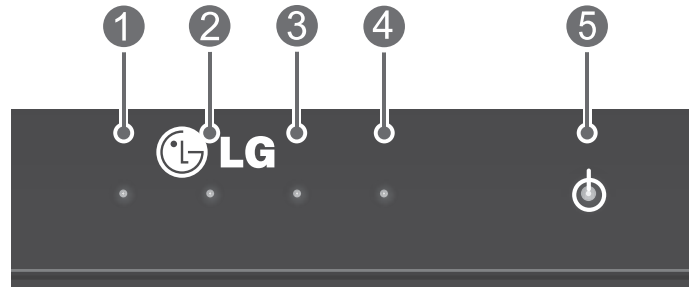
If you touch the power button once, the monitor switches into stand-by mode in 5 seconds with the following message shown in the figure.



Touching Twice (turns the system off)

The systems are shut down to enter the minimum energy mode (1W or lower).

Monitor Front Panel



NO.	Button	Description
1	MENU button	<p>Displays OSD (On Screen Display) Screen adjustments and Settings menu.</p> <ul style="list-style-type: none"> Used to switch between sub-menus and the main menu of OSD (On Screen Display). OSD Lock/Unlock: Use this button to lock/unlock the on-screen display (OSD) menu. To lock the menu options, press and hold the MENU button briefly. The OSD is locked when the "OSD locked" message appears. To unlock the menu options, press and hold the MENU button again briefly. The OSD is unlocked when the "OSD unlocked" message appears. When the OSD is locked, all the buttons are disabled except for the power button. For more details on using the Screen adjustments and Settings menu, please refer to [Screen adjustments and Setting Menu] on pages 16 to 20.
2	AUTO button	<p>Automatic screen adjustment function: pressing the AUTO button adjusts the screen to optimal display.</p> <ul style="list-style-type: none"> AUTO button only works when using analog signals (D-SUB). Used as Move or Adjust (Up/Down) button on the OSD (On Screen Display) menu screen. To achieve optimal display, please set the resolution as follows. <div style="border: 1px solid black; padding: 5px; text-align: center; margin: 10px auto; width: fit-content;"> <p>D-SUB 1366 x768 60Hz</p> </div>
3	INPUT button	<p>Converts the monitor's input signals to D-SUB, DVI-D or the Internet Monitor.</p> <ul style="list-style-type: none"> Used as Move or Adjust (Up/Down) button on the OSD (On Screen Display) menu screen.
4	EXIT button	<p>Exits the OSD (On Screen Display) menu screen.</p> <ul style="list-style-type: none"> Used for selecting sub-menus on the OSD (On Screen Display) menu screen.
5	POWER button	<p>Pressing the button turns the power on, and pressing it again turns it off.</p> <ul style="list-style-type: none"> The POWER button is lit blue when the monitor is switched on, and blinks when the monitor is in Standby (energy-saving) mode. Press the power button twice to turn off the power. Press and hold the power button for 2 to 3 seconds to turn on the power. When the system is in the Standby Mode, press the power button once to turn on the screen

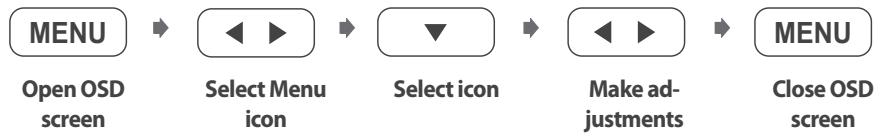
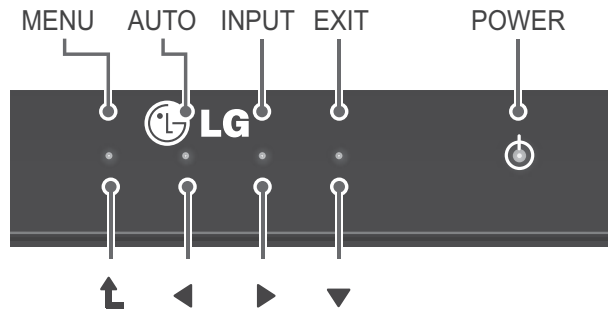
! NOTE

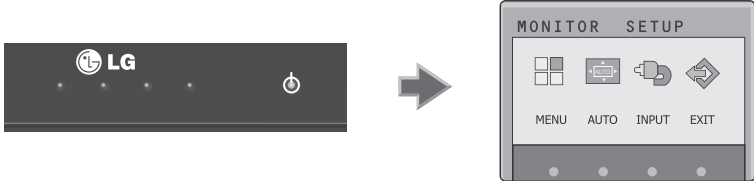
- If you switch modes by pressing INPUT while in internet mode, any video currently playing in the media player will stop.

OSD (On Screen Display) Menu Screen

- Displays screen adjustments information graphically to help the user grasp the current status and freely make visual adjustments.

OSD (On Screen Display) Screen Adjustment Sequence



NO.	Description
1	Pressing any button displays the OSD (On Screen Display) menu. 
2	Select the MENU button.
3	Press Left/Right arrows buttons to select each option of OSD (On Screen Display) . Press Down arrow button after selecting a menu icon.
4	Use Left/Right arrows buttons to adjust the option value. To adjust another option of a sub-menu, use the Down arrow button to move to the sub-menu.
5	To select another function or return to the previous screen, press the MENU button once. Pressing and holding the MENU button briefly closes the OSD (On Screen Display) screen.

NOTE

- To carry out screen adjustments more conveniently, press any button from the front of the monitor and press the **AUTO** button while the **OSD** screen is displayed.
- AUTO** button automatically adjusts the screen display to be optimal for the current mode. If the adjusted display by the **AUTO** button is not satisfactory, you can manually adjust screen position, frequency, and sharpness in the **OSD** menu to achieve optimal display results

Automatic Save Function

- When the **OSD** screen is open, selecting a different menu after making an adjustment or closing the **OSD** screen automatically saves any adjustments you have made. The **OSD** disappears and adjustments are saved automatically even without pressing the **EXIT** button after completing adjustments.

OSD (On Screen Display) Screen adjustments and Settings

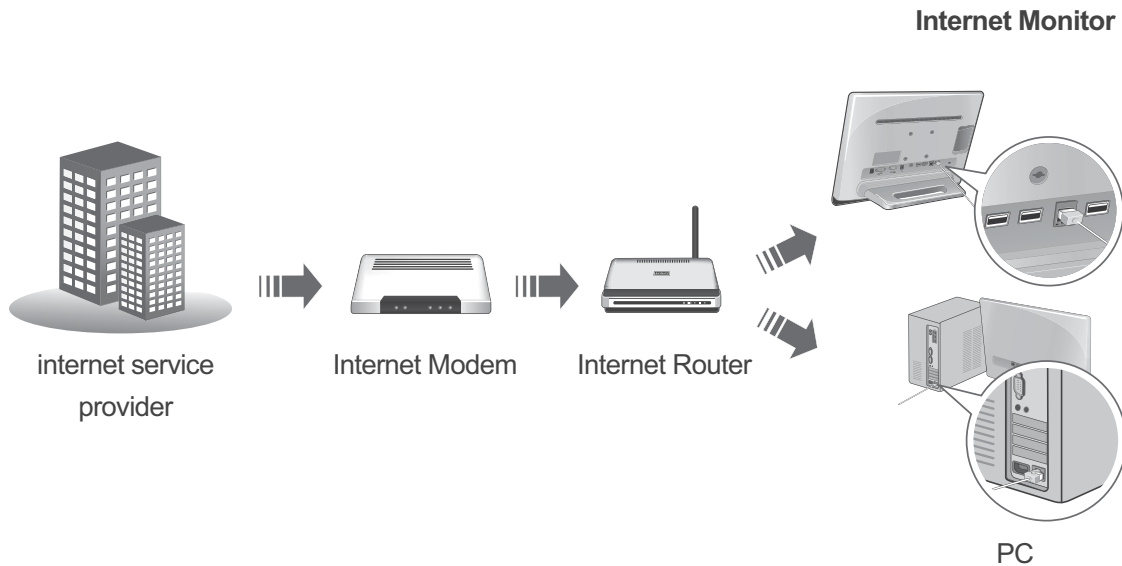
OSD Screen adjustments and Settings sub-menus are supported differently depending on the input signal received.

Menu	Sub-menu	Analog (D-SUB)	Digital (DVI-D)	INTER-NET	Description	Refer to page
Picture	Brightness	○	○	○	Adjusts Screen brightness.	page 17
	Contrast	○	○	○	Adjusts the contrast.	
	Sharpness	○	○	○	Adjusts the sharpness.	
	Black Level	-	-	○	Adjusts the black level.	
Color	Color Temperature	○	○	○	Adjusts the screen color automatically or manually.	page 18
	Gamma	○	○	○	Adjusts the gamma value.	
Display	Horizontal	○	-	-	Adjusts the horizontal position (left, right) of the display.	page 19
	Vertical	○	-	-	Adjusts the vertical position (top, bottom) of the display.	
	Frequency	○	-	-	Adjusts the frequency.	
	Fine-Tuning	○	-	-	Adjusts the fine-tuning value.	
Others	Language	○	○	○	Changes the OSD language.	page 20
	Original Ratio	○	○	-	Displays in full screen.	
		○	○	-	Displays in standard screen.	
	Power Lamp	○	○	○	Turns the power lamp [ON] or [OFF].	
	Button Lamp	○	○	○	Turns the Button Lamp [ON] or [OFF].	
	White Balance	○	-	-	Adjusts the white balance automatically.	
	Factory Reset	○	○	○	Resets to factory defaults.	

INTERNET MONITOR GETTING STARTED

Connecting to the Internet

This product requires an internet router. Connect to the Internet as follows:



! NOTE

- This product does not support PPPoE or Gigabit LAN. Connect it to a 10BASE-T or 100BASE-TX LAN port.
- Use the standard cable to operate the system normally (Cat-5 or higher LAN cable with an RJ45 connector).
- Some content may not function if your internet speed is too slow or the content format is not supported by the system.
- LG Electronics is not liable for any internet-related problems or faults which are not caused by product malfunction or defects.
- Your internet might not function if your internet service provider is experiencing a malfunction.

Initial Settings

Select the default language and date and time formats.

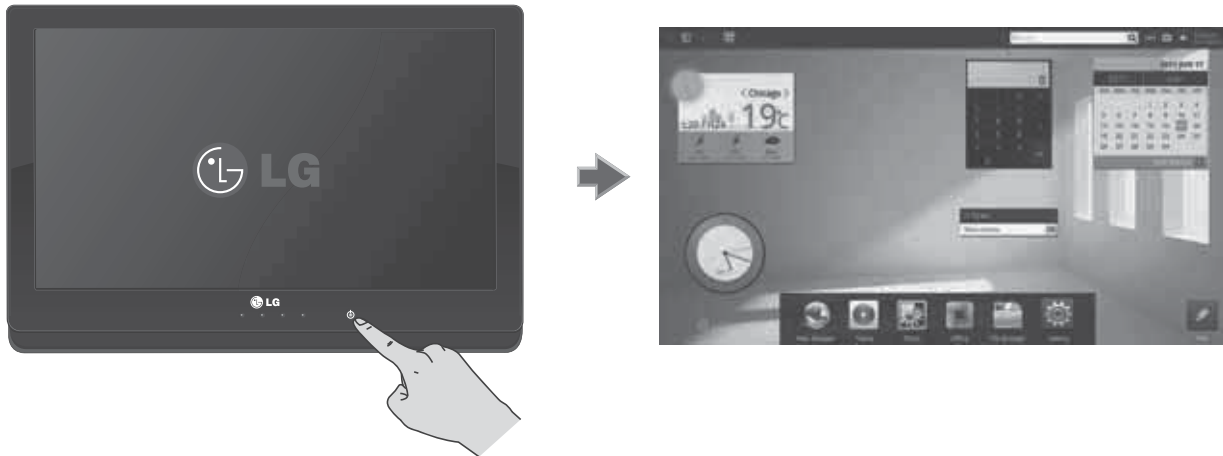


! NOTE

- Please see page 53 for the initial IP address configuration.

Internet Monitor Booting

Pressing and holding the Power button in front of the monitor for 2 to 3 seconds display the logo screen of **LG Electronics**, and when the booting is complete the Main screen of the **Internet Monitor** is shown on the screen.



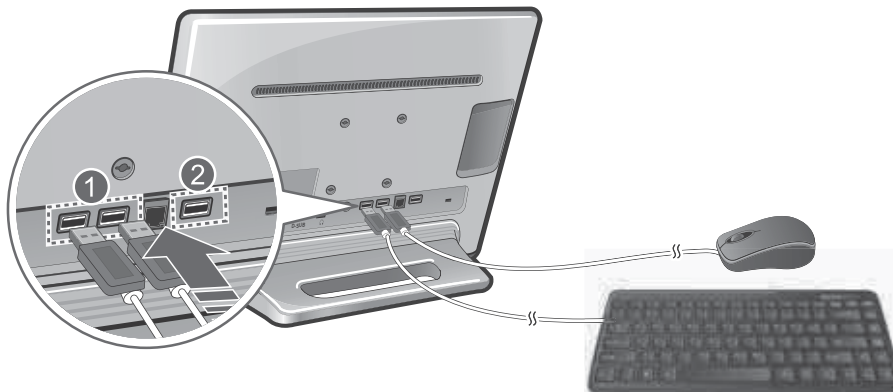
! NOTE

- If the Main screen of the **Internet Monitor** does not appear, change the input mode as follows:
 1. Press any button on the front of the monitor.
 2. When the main monitor menu appears, press the **[INPUT]** button to change the input mode.

Using the Keyboard / Mouse

Connecting the Keyboard / Mouse

Before using the **Internet Monitor**, the keyboard and mouse must be plugged to the USB ports on the rear of the monitor.

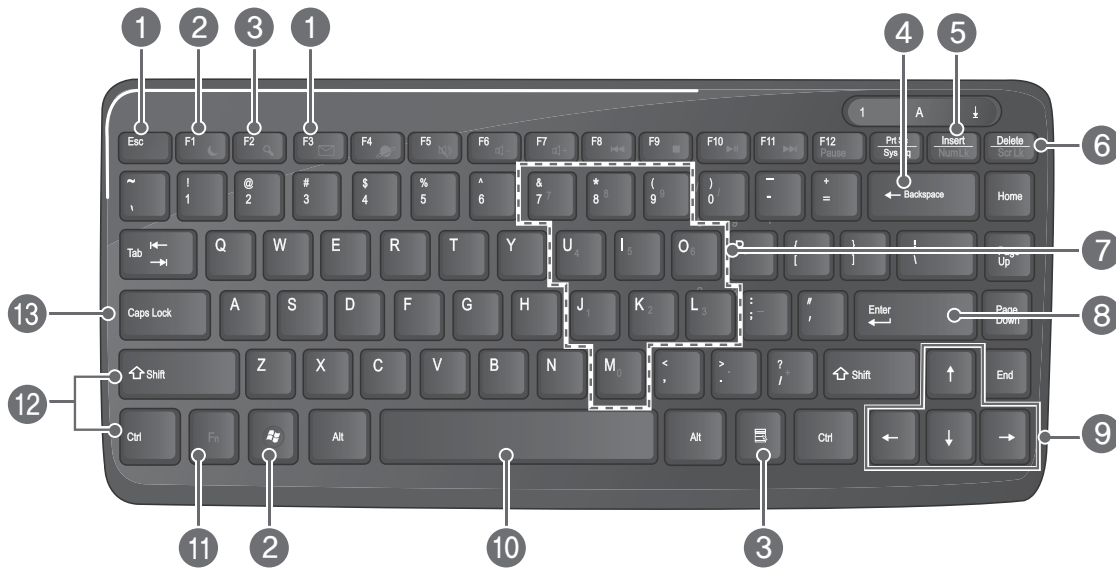


NO.	Functions	Description
①	Dedicated USB ports for Keyboard / Mouse	The two USB ports in the rear of the monitor are exclusively used for the keyboard or mouse. You can choose any of the two ports to connect them.
②	Dedicated Maintenance Port	This port is to be reserved for maintenance and cannot be used for any other purposes.

! NOTE

- A storage device cannot be connected to the dedicated USB ports for keyboard or mouse.
- A storage device cannot be connected to the dedicated maintenance port

Using the Keyboard



NO.	Key	Description
1	Back key	Returns to the previous screen and closes the currently active screen.
2	Home key	Moves to the Main screen of the Internet Monitor .
3	Option Menu key	You can run the selected option menu on the active screen.
4	Backspace key	Deletes a character on the left of the cursor.
5	Num Lock key	You can activate or release Num Lock by pressing the Fn and the NumLock keys at the same time.
6	Delete key	Deletes a character on the right of the cursor or the selected item.
7	Number keys	Enter numbers 0 to 9.
8	Enter key	Move to the next line after entering text.
9	Cursor direction keys	Used for moving the cursor on the active screen. Used for scrolling the screen in the File Browser. Used for adjusting the sound volume (higher, lower) during playback.
10	Space key	Used for starting or stopping the playback of music or video.
11	FN key	Combine the key with a function key at the top of the keyboard to use specific functions highlighted in blue.
12	Shift + Selection Ctrl + Selection	Selects the file(s). <ul style="list-style-type: none"> Used in the File Browser. To choose several files or folder groups at once, click the first item and then the last item while holding down the Shift key. To select a file or folder, click an item while holding down the Ctrl key.
13	Caps Lock key	Toggles cases.

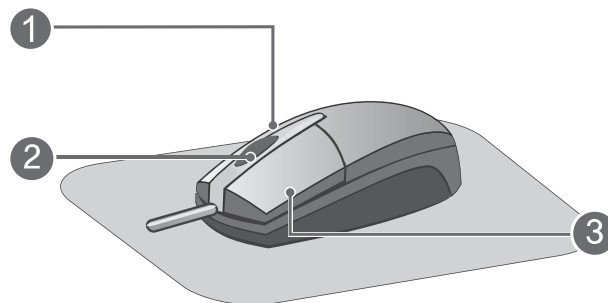
! NOTE

- The [F4] to [F12] and [Prt Sc] keys on the top of the keyboard are not used as function keys by this device.

Using the Shortcut Keys

Shortcut Key	Description
Ctrl + Z	Moves to the previous step (cancel action). (when entering a text)
Ctrl + A	Selects all. (selects all texts entered in the List and Input Field.)
Ctrl + C	Copy (after selecting item(s))
Ctrl + X	Cut (after selecting item(s))
Ctrl + V	Paste (copied or pasted item(s))

Using the Mouse



NO.	Button	Description
1	Right mouse button	Used to set the particulars or go to the shortcut menu.
2	Mouse Wheel	Wheel scrolling <ul style="list-style-type: none"> • Scrolls downwards (same as [↓] key on the keyboard) • Scrolls upwards (same as [↑] key on the keyboard)
		Click the wheel <ul style="list-style-type: none"> • Acts like the [ESC] or [F3] key of the keyboard.
3	Left mouse button	Used to select a menu or file, or to activate programs.

Internet Monitor Configuring the Main screen

Top Taskbar

The top taskbar contains navigation buttons (Home, Options Menu, Back), a search field, and the currently active application.



No.	Description
①	Home button: Moves to Main screen.
②	Option Menu button: You can run the selected menu on the active screen.
③	Back button: Moves to the previous screen.
④	Multitasking Screen button: Displays the currently active application, and can move to that application screen or close the application.
⑤	Search field: You can enter text in the Search field to search for items.
⑥	Network Connection button: Displays the network connection status and you can access the Network Settings menu.
⑦	Memory button: Displays the status of external storage devices (USB memory or SD memory card) and you can use it to remove the external memory device.
⑧	Volume button: Adjusts the sound volume.
⑨	Date and Time: Displays the current date and time.

Widgets and Web Shortcut Icon screen

You can add web shortcuts as well as basic widgets for weather, clock, calculator, memo, and calendar to the Widgets and Web Shortcut Icons screen.



Main menu



No.	Description
①	Web Br owser button: You can access the Internet.
②	Media button: Used for the playback of music and video.
③	Photo button: Displays photos.
④	Office button: You can use Word, Excel, PowerPoint, and PDF files.
⑤	File Browser button: Used for searching files.
⑥	Settings: You can configure all systems, including the network.
⑦	Edit: You can add or remove widgets.

! NOTE

- To use Media, Photo, **Office**, and File Browser, an external storage device (USB memory or SD memory card) must be connected to the monitor.
- You can access, open, and edit your Office files through the Web Browser without the need of any external storage device.

Using an External Storage Device

You can access and play the photos and video clips stored in external storage devices (USB memory or SD memory card).

! NOTE

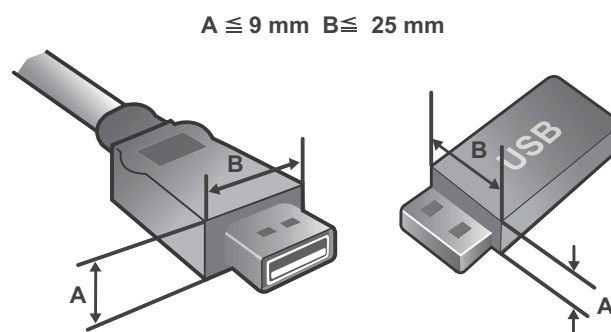
- If you insert an external storage device for the first time, it takes a few minutes to create a database for media content files (e.g., picture, music, video). Applications for media and picture can be run once the database creation is complete.
- To remove an external storage device, select "Remove Memory" from the memory icon on the upper taskbar.
- If you try to remove an external storage device while in operation, data may be damaged or system failure may occur.
- 3% of the storage volume in an external storage device (USB memory stick, SD memory card) is used for system operation.

! CAUTION

- If you try to remove an external storage device (USB memory stick, SD memory card) while in operation, data may be damaged or system failure may occur.
- If available storage volume of the external storage device is not enough, applications may not run or get slow down.
- The USB slots on the rear of the monitor are intended exclusively for a mouse and keyboard.
- 3% of the storage volume in an external storage device (USB memory stick, SD memory card) is used for system operation.
- If you delete the one of the following folders or a file in them, the system may not work properly.
- Any file or folder with a name starting with ".", DCIM, Android or LOST.DIR folder.

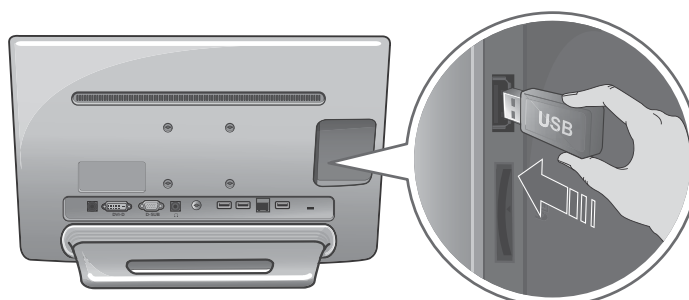
Using a USB memory

When you connect a USB cable to a USB slot on the internet monitor, use a cable that is 25 mm wide and 9 mm thick or smaller.





Inserting the USB

Insert a USB memory card in a USB port on the rear of the monitor as shown by the arrow below.

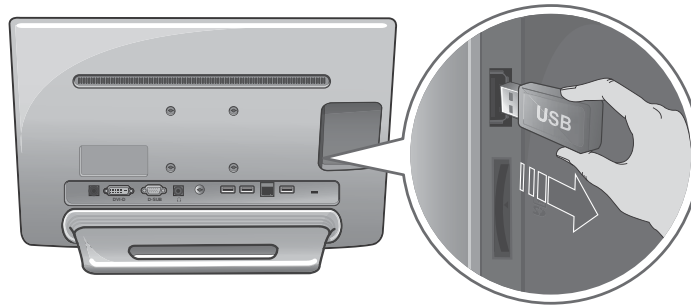


Removing the USB

- 1 Press  on the top right of the Main screen to open the [Memory] menu and press the  button.



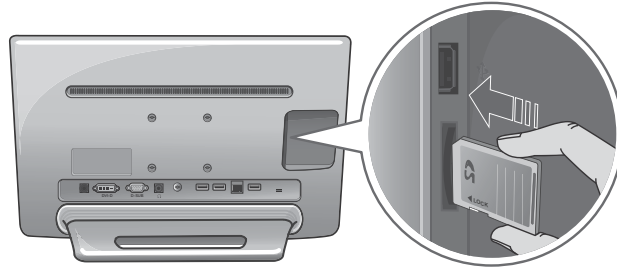
- 2 Remove the USB memory card from the USB port on the rear of the monitor as shown by the arrow below.





Using an SD memory card

Inserting an SD memory card

Push an SD memory card slowly into the SD slot on the rear of the monitor with your fingers until a "click" sound is heard.

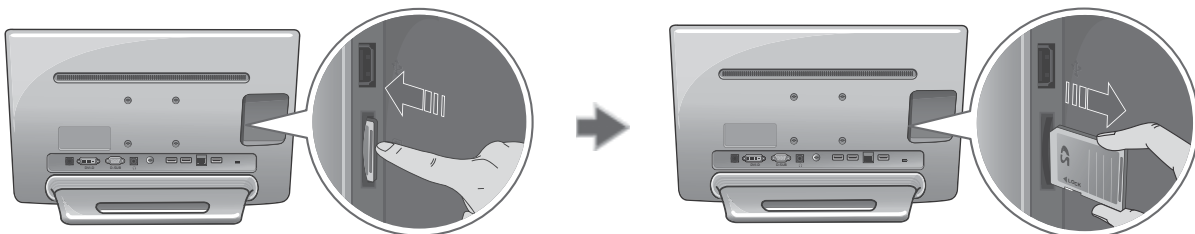


Removing an SD memory card

- 1 Press  on the top right of the Main screen to open the [Memory] menu and press the  button.



- 2 Press the end of the SD memory card inserted into the SD memory card slot of the rear of the monitor gently to let it stick out, grab the end of the SD memory card and pull it out slowly.

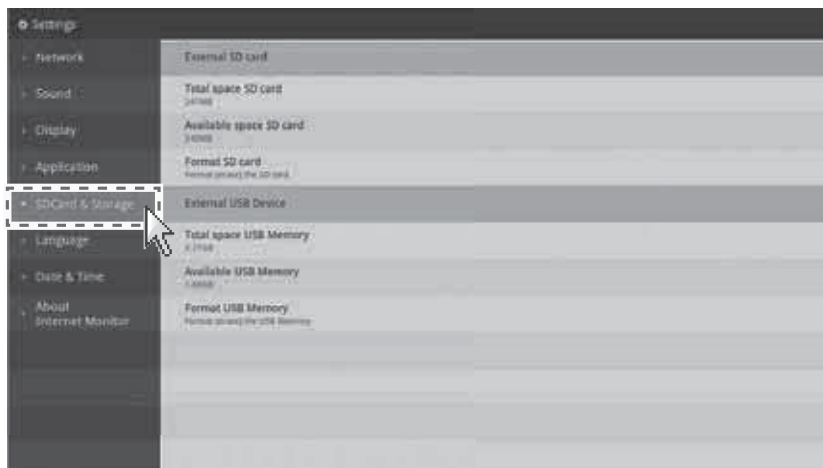


Formatting an External Storage Device

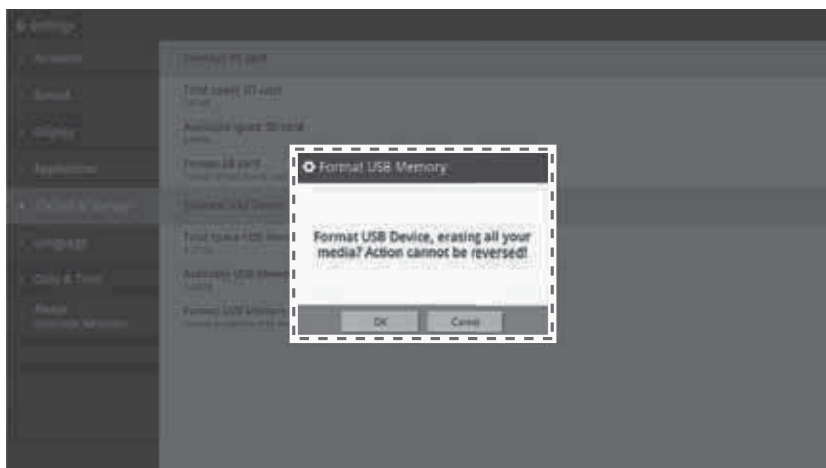
- 1 Press the [Settings] on the Main screen.



- 2 When the [Settings] screen appears, select [SD card & Storage].



- 3 Select [Format SD memory card] or [Format USB memory] to format the device.



INTERNET MONITOR OPERATION

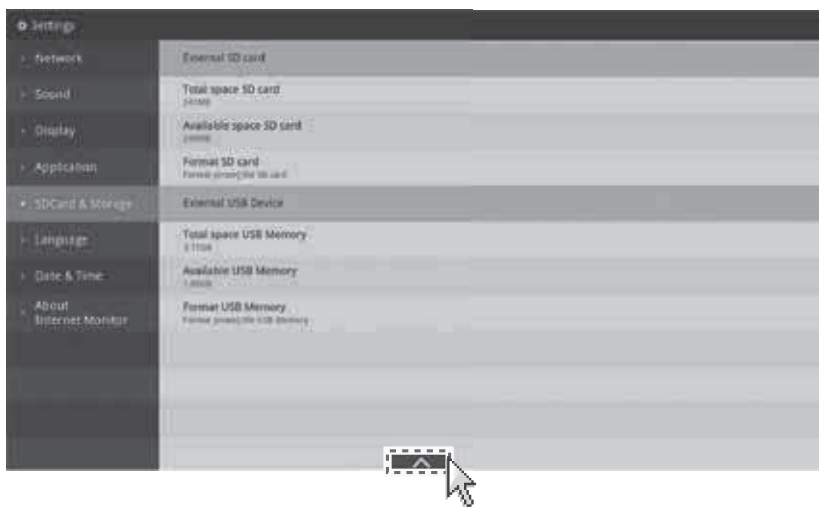
Loading a Home Application

NOTE

- The power lamp blinks when the **Internet Monitor** is in standby mode. When you press the power button, the **Internet Monitor** turns on again within 2 to 3 seconds. Using a keyboard or mouse does not exit standby mode.

When using an **Internet Monitor** application, take the following steps to launch a Home application:

- When you move the mouse cursor to the bottom of the screen while using an application, an arrow button appears as follows.




- Click the arrow button to reveal the Home applications menu.



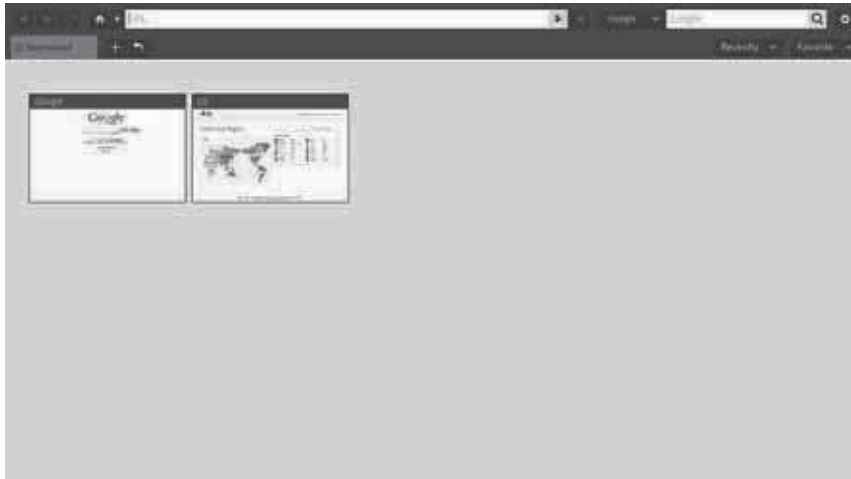
- Select an application to run.

Using the Internet

Launching the Web Browser

Pressing the  button on the Main screen runs the Web Browser as follows:

To add a web shortcut on the desktop/home screen, right-click an item on the preview or favorites screen and select [Create a Shortcut].



! NOTE

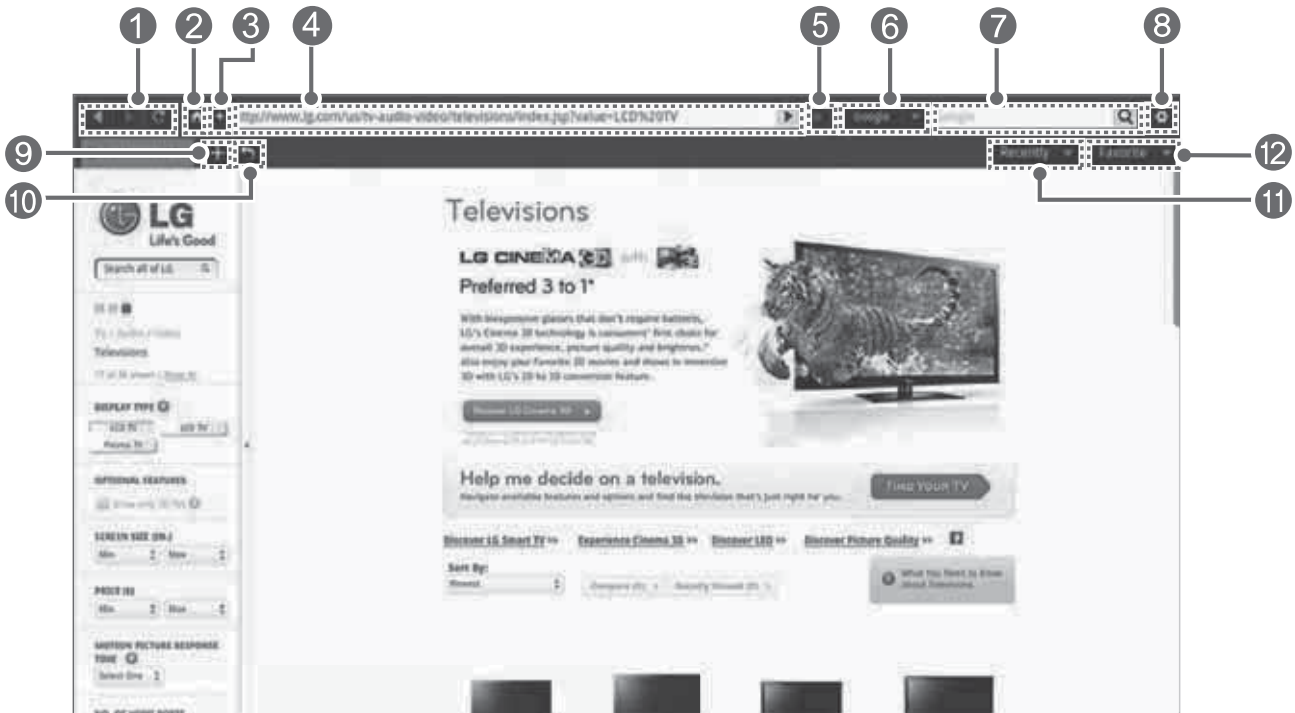
- When you restart the Web Browser after using the Internet, a list of recently visited websites are displayed as previews. (A website must be visited at least twice to be included in the list of frequently visited websites.)
- You can visit a recently visited website by clicking on its preview, or click the [x] button on the top right of each preview to delete it from the list.
- [Active Plug-Ins] may cause problems to the Web Browser's performance



Web Browser at a Glance


! NOTE

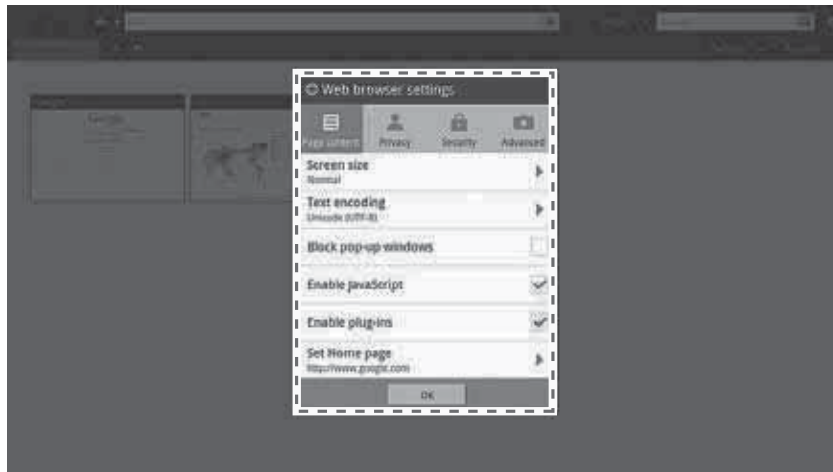
- For some Internet sites, connection using the Internet monitor may work differently when using a PC web browser.
- If Plug-Ins are activated on the Web Browser settings, web pages with flash files may become slow.



No.	Button	No.	Button
①	Back, Forward, Refresh	⑦	Search Window
②	Home	⑧	Web Browser Settings
③	Homepage Setting	⑨	Add New Tab
④	Internet Address	⑩	List of Recently Closed Websites
⑤	Add to Favorites	⑪	List of Recently Visited Websites
⑥	Select Search Engine	⑫	Favorites

Setting the Web Browser

- 1 Press the  button on the Web Browser screen.
- 2 The Web Browser Settings window will appear as follows:



- 3 Make necessary settings.

In Web Browser Settings, you can apply the following settings.

Tab	Menu	Description
Page Content	Screen size	Change the screen size of the Web Browser.
	Text Encoding	Sets the type of text encoding.
	Block Pop-Ups	Sets whether to block pop-ups.
	Activate JavaScript	Sets whether to activate JavaScript.
	Activate Plug-Ins	Sets whether to activate plug-ins.
	Set Homepage	Sets the Homepage displayed when the Web Browser is launched.
Privacy	Delete Cache	Deletes the locally cached contents and data.
	Delete History	Deletes the search history of the Web Browser.
	Allow Cookies	Sets whether to allow cookies.
	Delete All Cookies	Deletes all cookies of the Web Browser.
	Save Form Data	Sets whether to save the form data. (Form Data is a function that memorizes the texts entered by the user and loads the data to complete sentences automatically.)
	Delete Form Data	Deletes the saved form data.
Security	Remember Passwords	Sets whether to save the password for an ID entered by the user.
	Delete Passwords	Deletes all saved passwords.
	Security Warning	Sets whether to display security warning when a website has security issues.
Advanced	Reset to Default	Resets the Web Browser settings to default values.

Music/Video Playback


To play music/video, the monitor must be connected with an external storage device (USB memory or SD memory card) that contains music/video files.

Music Playback

! NOTE

- Damaged files or music files using unsupported codecs may not play correctly.
- The Music files on an external storage device (USB memory, SD memory card) might not display if the files are read-only or the device is low on free space.

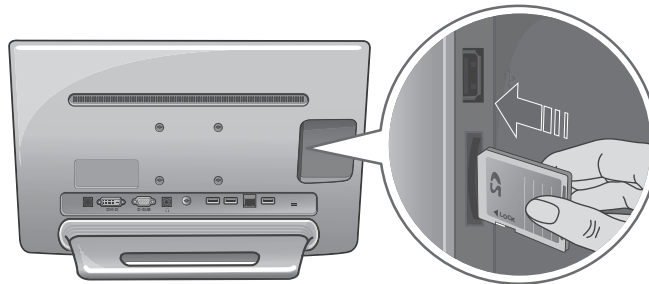
Supported Music File Forms

- Audio Codec : AAC, AC3, MP3, OGG , WMA
- Audio Container : AAC, MP3, OGG , WMA
- » Please refer to page 67 for more information on the codecs supported by the system.
-  **DOLBY DIGITAL** Manufactured under license from **Dolby** Laboratories. "Dolby" and the double-D symbol are trademarks of **Dolby** Laboratories.
- The shuffle function is not supported.

! CAUTION

- Removing the external storage device (USB memory, SD memory card) while the media player is still in use can damage the external storage device.

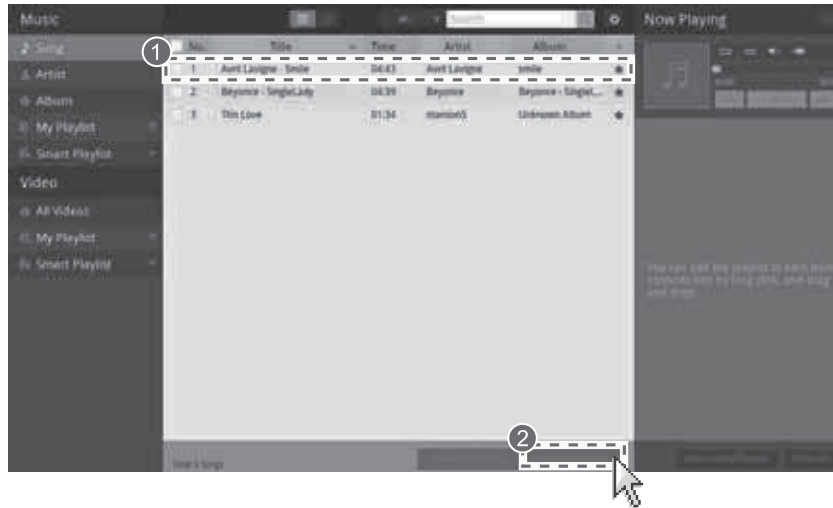
- 1 Connect an external storage device (USB memory or SD memory card) that contains music files.



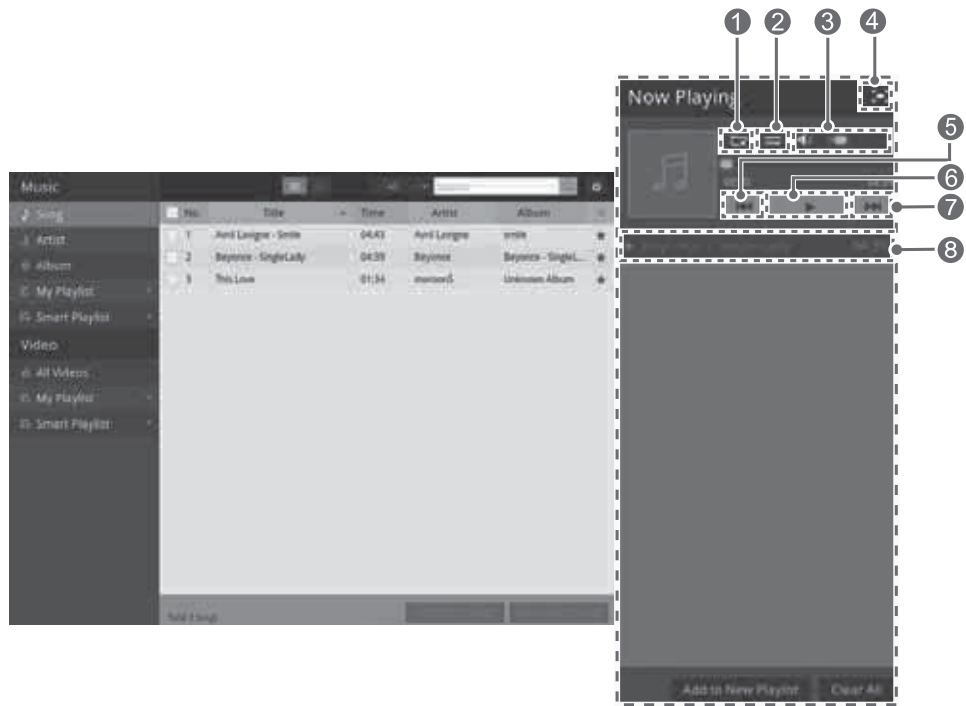
- 2 Press the  button on the Main screen.



3 Select a music file from the Music list and use the playback control on the right to play the file.



Using the Music Player



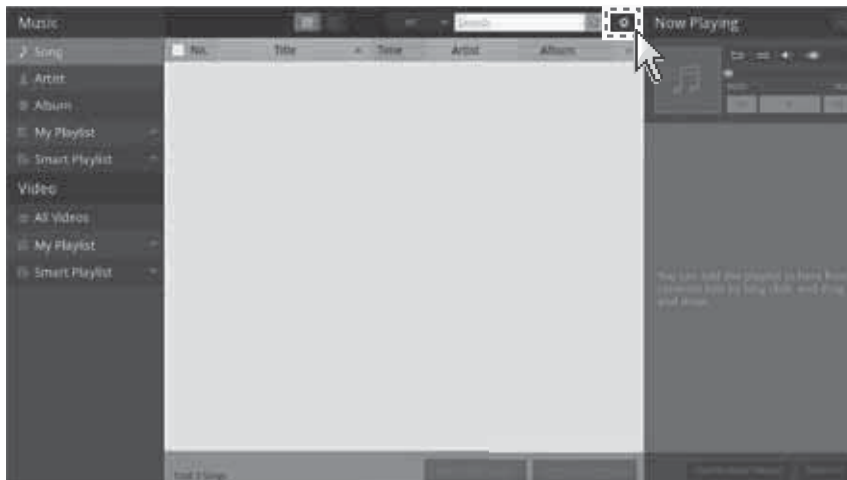
No.	Function	No.	Function
1	Repeat	5	Back Play
2	Sequential / Random Play	6	Play / Pause
3	Volume	7	Next Play
4	Full Screen	8	Music Playlist

Scanning Music Files

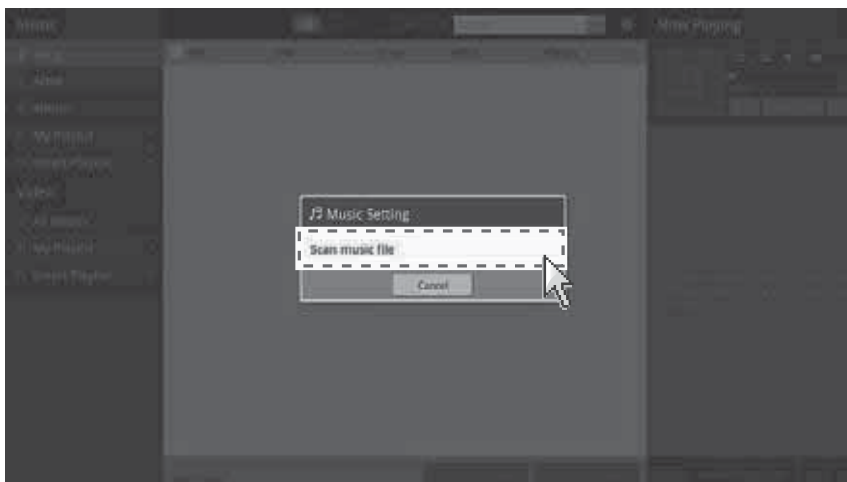
When an external storage device (USB flash drive or SD card) is connected, the monitor scans it automatically and stops any media currently playing.

If the thumbnail image of music files are not displayed, or music files are not shown on the list after they are deleted, moved, copied or changed in their names, scan the music files as follows.

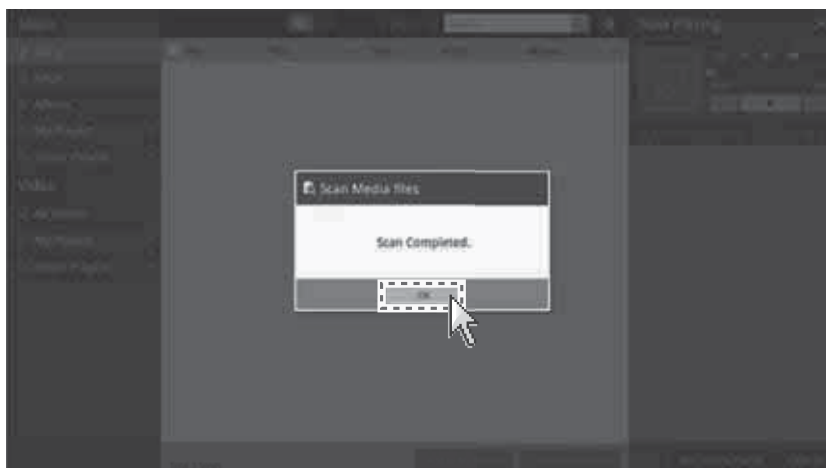
- 1 Press the  button on top of the screen when the media application is launched.



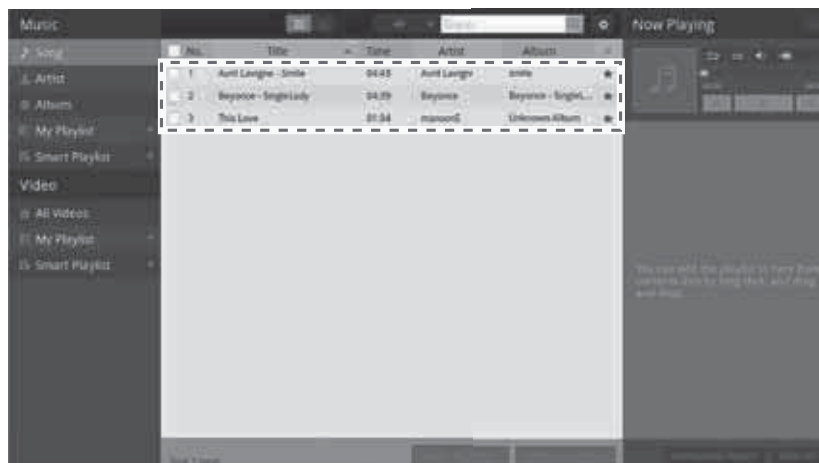
- 2 When the [Music Settings] screen appears, press [Scan Music Files].



- When the Media File Scan is complete, press [OK].



- Music files in the external storage device (USB memory or SD memory card) are added to the list as follows:




Video Playback

! NOTE

- If video files are damaged or using unsupported codecs, they may not play correctly.
- The video files on an external storage device (USB memory, SD memory card) might not display if the files are read-only or the device is low on free space.
- Depending on the index information of video files, the seek (left/right direction keys) function may not work properly.

Supported Video Forms

- Video Codec: MPEG-4(SP/ASP), H.264(BP/MP/HP), VC1(SP/MP/AP), WMV(7/8), Xvid
- Video Container : MP4, AVI, WMV, ASF, MKV, MOV
- » Please refer to page 68 for more information on the codecs supported by the system.
-  Manufactured under license from **Dolby** Laboratories. "Dolby" and the double-D symbol are trademarks of **Dolby** Laboratories.

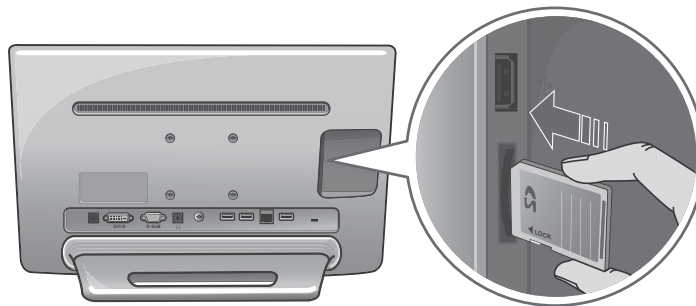
Subtitle files can be used.

- smi(SAMI parser), srt(SRT parser)
- Some captions may not be fully synchronized to videos.

! CAUTION

- If you try to remove an external storage device (USB memory stick, SD memory card) while the media player is working, severe damage to the device may occur.

- 1 Connect an external storage device (USB memory or SD memory card) that contains video files.



- 2 Press the  button on the Main screen.



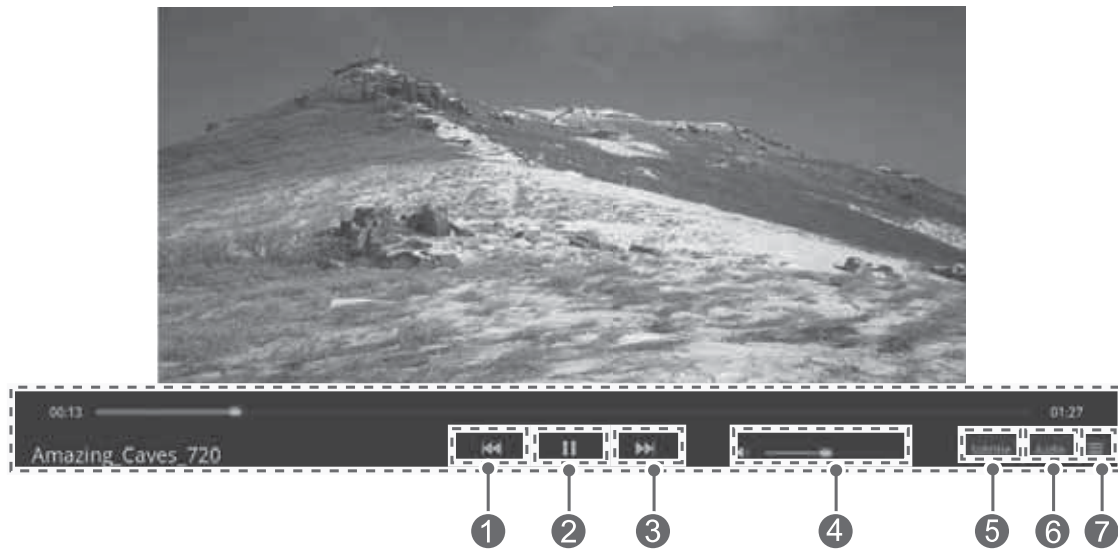
- 3 Select [All Videos] from the [Video] menu and select a video file when the media application is launched.



- 4 Select a video file from the list to play the video, and click left mouse button while on the playback screen to use playback control.



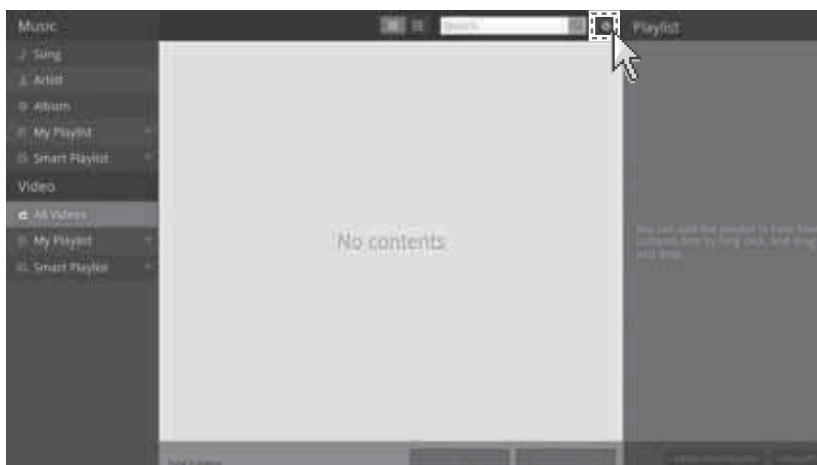
Using the Video Player



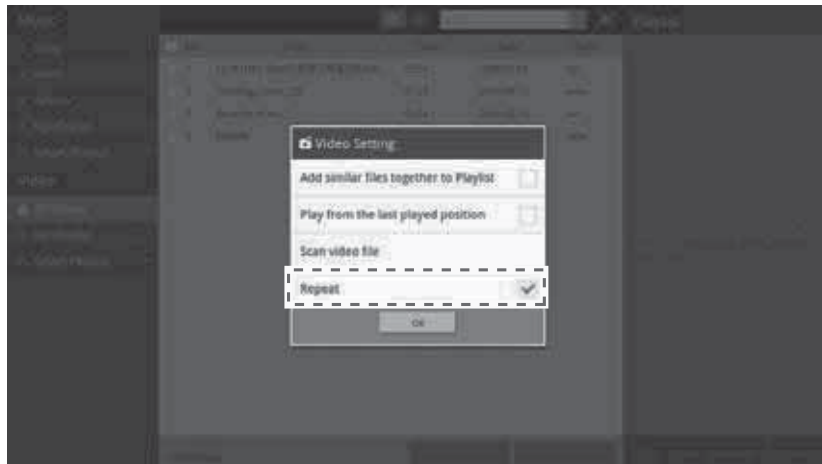
No.	Function	No.	Function
①	Back Play	⑤	Subtitle Settings
②	Play / Pause	⑥	Audio Settings
③	Next Play	⑦	Playlist
④	Volume		

Video Repeat Settings

- 1 Press the  button on the top of the screen.



- When the [Video Settings] screen appears, select [Repeat] and click [OK].



- The selected video will play repeatedly.

Video Subtitle Settings

- Press the [Subtitles] button at the bottom of the Video Player.



- When the [Subtitle Settings] screen appears, select the appropriate option and click [OK].

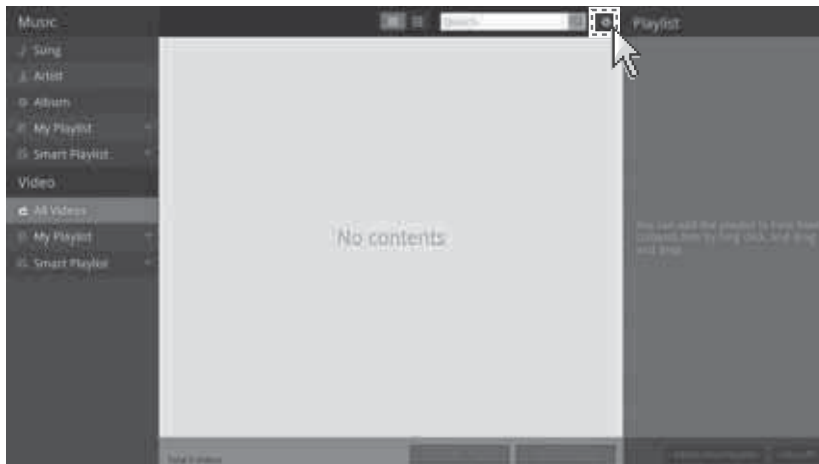


Scanning Video Files

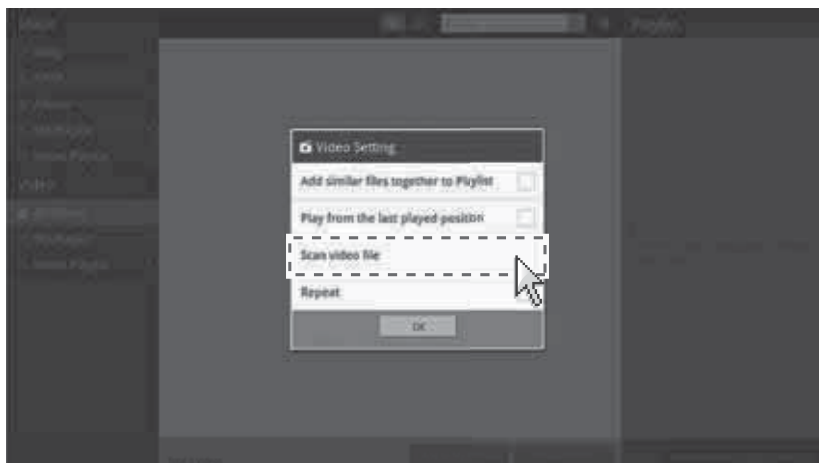
When an external storage device (USB flash drive or SD card) is connected, the monitor scans it automatically and stops any media currently playing.

If the thumbnail image of video files are not displayed, or video files are not shown on the list after they are deleted, moved, copied or changed in their names, scan the video files as follows.

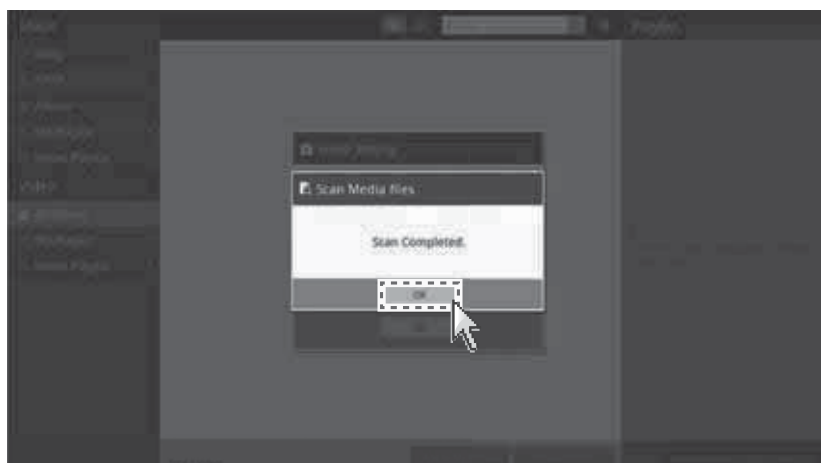
- 1 Press the  button on the top of the screen.



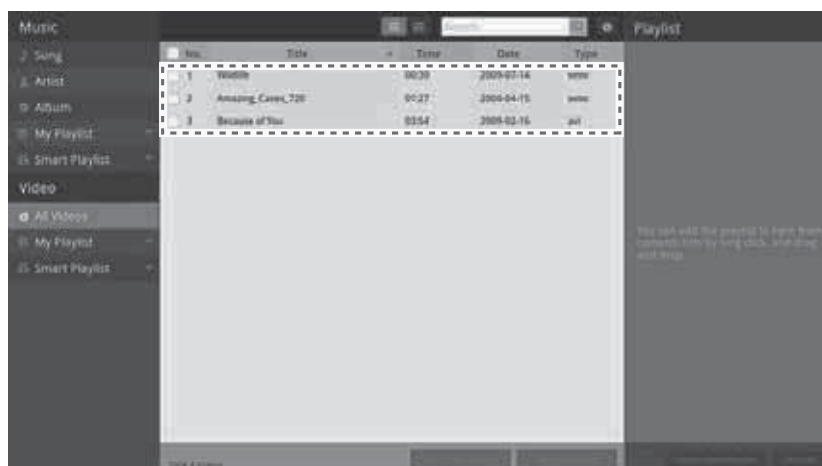
- 2 When the [Video Settings] screen appears, press [Scan Video Files].



- When the Scan Completed screen appears, press [OK] and also press [OK] on the [Video Settings] screen.



- Video files in the external storage device (**USB** memory or SD memory card) are added to the list as follows:



Viewing Photos

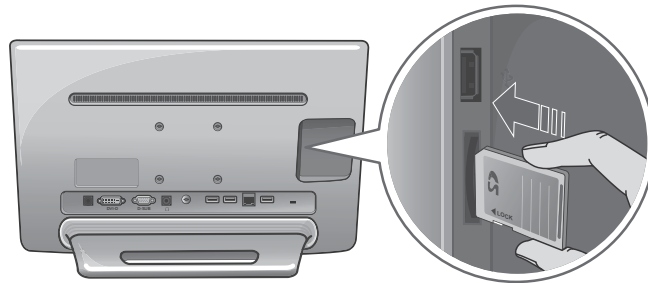
NOTE

- The external storage device (USB memory or SD memory card) may not be recognized by the monitor if it is read-only.
- An external storage device (USB memory or SD memory card) may not work or may perform slowly if it is low on free space.

CAUTION

- Removing the external storage device while the photo viewer program is in use can damage the files on the external storage device.

- 1 Connect an external storage device (USB memory or SD memory card) that contains photo files.



- 2 Press the  button on the Main screen.



- 3 Preview images of photos in the external storage device (USB memory or SD memory card) are displayed as below.



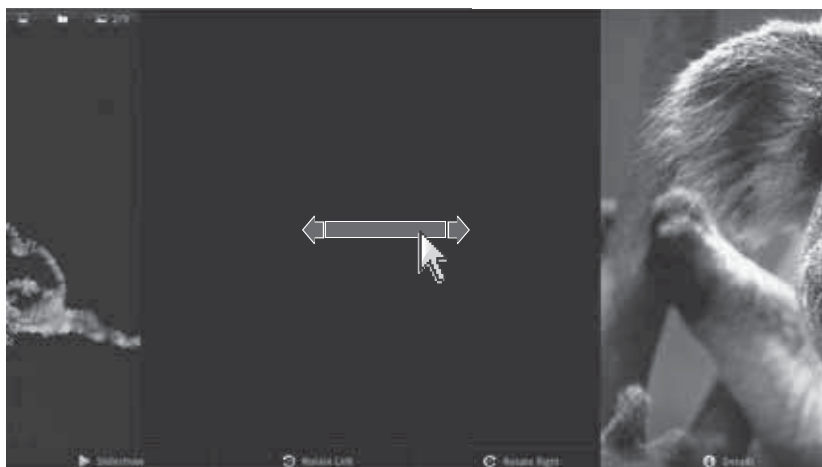
- 4 Selecting a photo displays the photo on the full screen as follows.



- 5 Click the left mouse button to open a menu containing options such as Slideshow, Rotate Image, and Detailed Information



- 6 Drag the mouse to right or left to change images.



INTERNET MONITOR SETTING

Setting Dynamic IP

- 1 Press the [Settings] on the Main screen.



- 2 Select [LAN] from the [Network] menu on the the [Settings] screen.



- 3 Select [DHCP] from the [Ethernet Settings] menu.

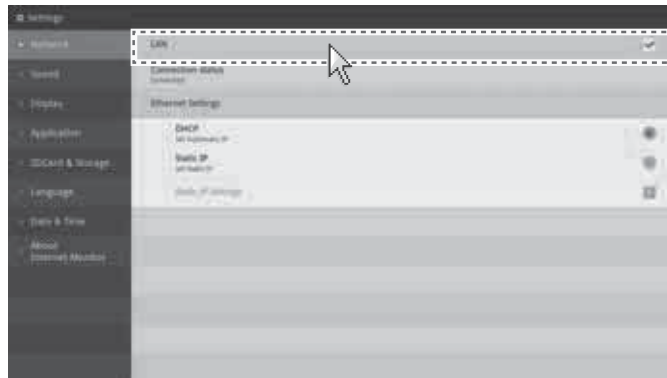


Setting a Static IP

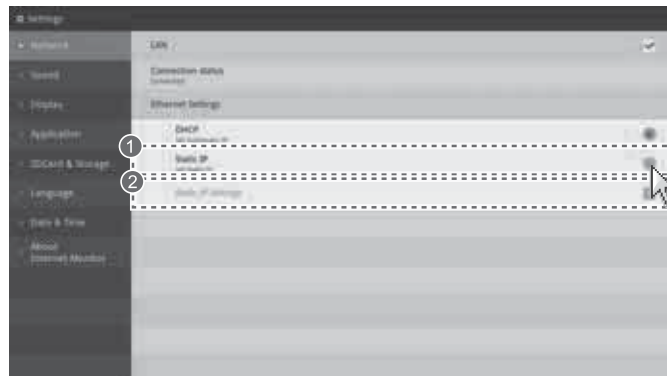
- 1 Press the [Settings] on the Main screen.



- 2 Select [LAN] from the [Network] menu on the the [Settings] screen.



- 3 Select [**Static IP**] from the [**Ethernet Settings**] menu, and then select [Static IP Settings].



- 4 When the [Static IP Settings] screen appears, enter the IP address, Subnet mask, gateway, **DNS** server 1, and **DNS** server 2, and press [OK] to complete the setting of static IP.



TROUBLESHOOTING

Monitor Troubleshooting

The screen is blank	
Is the monitor's power cord connected correctly?	<ul style="list-style-type: none"> • Check if the power cord is connected correctly to a wall outlet.
Is the power lamp on?	<ul style="list-style-type: none"> • Check the Power button.
Is the power on and the power lamp is lit either blue or green?	<ul style="list-style-type: none"> • Adjust the screen brightness and contrast.
Is the power lamp blinking?	<ul style="list-style-type: none"> • The power lamp blinks when the Internet Monitor is in standby mode. When you press the power button, the monitor turns on again within 2 to 3 seconds. Using a keyboard or mouse does not exit standby mode.
Do you see the 'Monitor Frequency Range Exceeded' message on the screen?	<ul style="list-style-type: none"> • This occurs when the signal sent by the PC (video card) exceeds the range of horizontal or vertical frequency supported by the monitor, so check the <Product Specifications> of this manual and change the settings.
Do you see the 'Check Signal Cable Connection' message on the screen?	<ul style="list-style-type: none"> • This occurs when the signal cable between the PC and the monitor is not correctly connected or unplugged, so check and reconnect the signal cable.
There are afterimages on the screen	
Are there afterimages on the screen even after turning the monitor off?	<ul style="list-style-type: none"> • Please be careful as displaying a fixed image on the screen for a prolonged period of time can damage the monitor and leave afterimages on the screen. • Use screen savers to extend your monitor's working life.

! NOTE

Vertical Frequency

- A monitor screen must be refreshed dozens of times every second like a fluorescent lamp to allow users to see the picture.
- This rate of screen refresh is called the Vertical Frequency or Refresh Rate, and is measured in Hz.

Horizontal Frequency

- The time taken to display the full length of a single horizontal line on the screen is called the horizontal cycle. The Horizontal Frequency, measured in kHz, is the inverse of the horizontal cycle and shows the number of horizontal lines displayed on the screen every second.

Images are not played properly on the screen	
Does the screen look out of position?	<ul style="list-style-type: none"> Pressing the AUTO button automatically adjusts the screen display to be optimal for the current mode. However, if the adjusted display is not satisfactory, then adjust the display position manually in the OSD menu.
Are there thin vertical lines on the background?	<ul style="list-style-type: none"> Pressing the AUTO button automatically adjusts the screen display to be optimal for the current mode. However, if the adjusted display is not satisfactory, then adjust the Clock manually in the OSD menu to remove the vertical lines.
Are there horizontal noises on the screen or do the texts seem blurry?	<ul style="list-style-type: none"> Pressing the AUTO button automatically adjusts the screen display to be optimal for the current mode. However, if the adjusted display is not satisfactory, then adjust the Phase manually in the OSD menu.

! NOTE

- Check if the video card resolution or frequency is set within the range usable by the monitor, and go to [Control Panel] -> [Display] -> [Settings] to change the resolution to the recommended resolution (optimum resolution).
- Set the resolution to the recommended resolution (optimum resolution) to prevent the occurrences of text smearing, screen blurring, screen truncation or screen slanting.
- The setting procedures may vary depending on the PC and **O/S (operating system)**, and the recommended resolution may not be supported by some video cards. In such cases, please consult the PC or video card manufacturer.

The screen color is strange	
Is the screen displayed in 16 colors?	<ul style="list-style-type: none"> Change the color to 24 bit (True Color) or higher. <ul style="list-style-type: none"> » In Windows, select [Control Panel] -> [Display] -> [Settings] -> [Color Quality]
Does the screen color seem unstable or look monochromatic?	<ul style="list-style-type: none"> Check the connection of signal cable and connect it properly. Or, pull out and insert the video card in the PC again.
Are there spots on the screen?	<ul style="list-style-type: none"> The screen may display a few pixel spots (red, green, blue, white and black) during operation. This is caused by the inherent characteristics of LCD panels. This is not a fault and unrelated to the monitor's performance.

After connecting the monitor, the Unknown Monitor is displayed on the screen	
Have you installed the device driver for the monitor?	<ul style="list-style-type: none"> Install the monitor driver provided with the product, or visit the homepage of LG Electronics (http://www.lge.co.kr) to download and install the driver. Check the user's manual for the video card and see if it fully supports the "Plug and Play" function.

Internet Monitor Troubleshooting

When the Web Browser Screen is not properly displayed.	
Does a message appear saying "No network connection" when trying to visit a website?	<ul style="list-style-type: none"> • Verify that your LAN cable is properly connected. • Verify in your task bar that "Network connect" is activated.
Have you verified your network settings?	<ul style="list-style-type: none"> • [Settings] > [Network] select Settings from the [Network] screen. • Check LAN items. • Select Ethernet from [Settings] and select DHCP or Static IP. • If you have been assigned a static IP from your internet service provider, enter your IP address.
Is a screen asking for personal information?	<ul style="list-style-type: none"> • When you try to connect to the internet for the first time through a LAN cable, certain internet service providers will request your personal information. • The user information screen is to verify the internet subscription of the user.
Are certain web page components not available?	<ul style="list-style-type: none"> • Open your web browser settings. • Select to activate JavaScript and Plug-ins.
Is a web page asking to download and install Adobe Flash Player?	<ul style="list-style-type: none"> • This message appears when the Adobe Flash Player plug-in is not enabled on your system. • Open your web browser settings and check "Enable plug-ins".
Are you unable to use ActiveX?	<ul style="list-style-type: none"> • The web browser installed on the internet monitor does not support ActiveX. Only Internet Explorer supports ActiveX.
Does the web browser stop only on certain sites?	<ul style="list-style-type: none"> • If a web page contains multiple instances of Flash content, the web browser may stop working.

Malfunction of the external storage device (USB flash drive, SD memory card)	
Is the USB flash drive connected to the right port?	<ul style="list-style-type: none"> • Verify that it is connected to the USB port on the rear of the monitor. • The monitor may not recognize an external storage device if it is connected to the keyboard/mouse port on the rear of the monitor.
Are you unable to open files on the external storage device?	<ul style="list-style-type: none"> • Check if your external storage device has enough free space. • If not, remove some of the files to free up space on the device.
Is the monitor unable to recognize an SD memory card?	<ul style="list-style-type: none"> • Newly purchased SD memory cards should be formatted before using them by using the format menu: [Menu] > [Settings] > [SD Memory Card & Storage]. • The system does not support SD memory cards formatted in NTFS.
Is the system experiencing any slowdown, for example in viewing pictures?	<ul style="list-style-type: none"> • If your external storage device has more than 1,000 files, the media player may perform slowly. • Remove some of the files and try again.

Malfunction in Peripheral Devices	
Is the mouse not responding?	<ul style="list-style-type: none"> • Verify that the mouse is connected to the USB port on the rear of the monitor.
Does the keyboard display jumbled letters?	<ul style="list-style-type: none"> • Different types of keyboards are used for different languages. • Verify that your keyboard matches the language used by the program. • The keyboard is set when the user selects the country.
Are the speakers not producing any sound?	<ul style="list-style-type: none"> • Verify that the speakers are connected to the Headphone port on the rear of the monitor. • Verify that the volume is not at zero.

PRODUCT SPECIFICATIONS

Display	Shape	470.1 mm TFT (Thin Film Transistor) LCD (Liquid Crystal Display) LED Backlight Panel Diagonal length of display area: 470.1 mm
	Pixel Pitch	0.10 (H) mm x 0.30 (V) mm
Resolution	Maximum Resolution	D-SUB (analog), DVI (Digital): 1366 x 768 @ 60 Hz
	Recommended Resolution	1366 x 768 @ 60 Hz
Video Signal	Horizontal Frequency	30 kHz to 83 kHz
	Vertical Frequency	56 Hz to 75 Hz (D-SUB, DVI-D)
	Synchronization Type	Separate Sync. / Digital
Input Connector	15 pin D-SUB type (Analog), DVI-D (Digital)	
Power	Rated Voltage	AC 100 - 240 V ~ 50 , 60 Hz 2.0 A
	Power Consumption	On mode < 35 W(typ.), 40 W(Max) Standby mode < 4.7 W Off mode < 2 W (1 - touch power - off) 1 W (2 - touch power - off)
AC/DC Adapter	Manufacture : LITE-ON, Model: PA-1650-68	
Dimensions	Monitor Dimensions (W x H x D)	
	With Stand	458.9(W) mm x 312(H) mm x 123.1(D) mm
Weight (without packaging)	2.5 kg	
Stand Adjustable Angle	12° to 32°	
Environment	Operating Conditions	Temperature 10 °C to 35 °C, Humidity 10 % to 80 %
	Storage Conditions	Temperature -20 °C to 60 °C, Humidity 5 % to 90 %
Earphones	10 mW / 16-Ohm(Typ)	
Speakers (L/R)	Rated Output	3 W (8 Ω)

※ The product specifications are subject to change without prior notice for performance improvement.

※ Speaker/headphone output signal: 1 Khz(0 dBFS)

Factory Preset Mode

Factory Preset Mode	Horizontal Frequency (kHz)	Vertical Frequency (Hz)	Polarity (H/V)	Note
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	60.123	75	+/+	
1366 x 768	47.712	60.015	+/+	Recommended mode

SD / USB Storage Specification

Type	Capacity	i-Monitor Support Details	Required spec
SD	4 GB	Support	SD 1.0
SDHC	32 GB	Support	SD 2.0
SDXC	Not supported.	Not supported.	Not supported.
USB Memory	256 GB	Support	USB standard
USB HDD	Not supported.	Not supported.	Not supported.
USB CD / DVD / BD	Not supported.	Not supported.	Not supported.

* Supported File System - FAT12 / FAT16 / FAT32

Audio codec specifications supported

File Extension	Audio Decoders	Bit rate(kbits/s)	Sampling rate
.aac	• AAC LC / PLUS	• 8 to 529	• 8 to 192 kHz
.mp3	• MPEG-1 Audio Layer I/ II /III	• 32 to 448	• 32, 44.1, 48 kHz
.ogg	• Vorbis	• variable	• 1 200 kHz
.wma	• WMA STD, PRO, Lossless	• 768(STD,PRO), • 470 to 940(Lossless)	• 48 kHz(STD), • 96 kHz(PRO, Lossless)

Video codec specifications supported

File Extension	Video Decoders	Audio Decoders	Resolution	Note
.avi	<ul style="list-style-type: none"> • Divx3 / 4 / 5 / 6 • H.263 • H.264: H.264 BP / MP / HP @ L3.1 • MP4V: MPEG-4 SP / ASP except GMC • Xvid 	<ul style="list-style-type: none"> • AAC LC / PLUS • AC3 • MP3 	up to 1280*720 @ 30P	<ul style="list-style-type: none"> • partially support H.264 @ L4.1(low bitrate)
.asf / .wmv	<ul style="list-style-type: none"> • VC1: VC-1 SP / MP / AP • WMV7, 8 	<ul style="list-style-type: none"> • WMA STD, PRO, Lossless 		
.mkv	<ul style="list-style-type: none"> • Divx3 / 4 / 5 / 6 • H.264:H.264 BP / MP / HP @ L3.1 • MPEG4 SP / ASP except GMC • VC1: VC-1 SP / MP / AP • Xvid 	<ul style="list-style-type: none"> • AAC • AC3 • MP3 • Vorbis • WMA STD, PRO, Lossless 		<ul style="list-style-type: none"> • partially support H.264 @ L4.1(low bitrate)
.mov / .mp4	<ul style="list-style-type: none"> • H.263 • H.264: H.264 BP / MP / HP @ L3.1 • MP4V: MPEG-4 SP/ASP @ L5 except GMC 	<ul style="list-style-type: none"> • AAC LC / PLUS • MP3 		<ul style="list-style-type: none"> • partially support H.264 @ L4.1(low bitrate)

! NOTE

- Divx codecs can be used, but are not officially supported.
- Movie Files with a bit rate of 20 Mbps or greater may not play.
- H.264 level 3.2 or lower is supported.
- WMV9 Complex Profile is not supported.
- Files larger than 2 GB will play with limited functions. (Time display and Seek are not available.)
- WMA Voice codec is not supported.
- AAC 6 channel down mixing is not supported.

System Limitations Guide

- Copyright protected contents or those with limited access authority cannot be played back using this device.
- This device does not support USB printers.
- This device supports USB memory devices and SD memory cards in FAT12/16/32 formats. The correct operation of other file systems or external devices is not guaranteed.
- This device exhibits slow system response speed when it is inserted with a SD memory card or USB memory that has insufficient free space, causing abnormal operation in some applications.

Guide on open source licenses for customers

- If you want to obtain sources developed under GPL, LGPL, MPL or other open source licenses, please visit <http://opensource.lge.com/>. You can download the contents and copyright disclaimers of all reference licenses along with the source codes.

KEYBOARD/MOUSE OWNER'S MANUAL

The keyboard and mouse are provided with the purchase of LG Electronics Internet monitor (Model name: P1900B). Please refer to the Owner's Manual for P1900B.

Mouse Specifications

	Keyboard	Mouse
Model Name	KU-0903	MSU0909
Color	Black	Black
Type	Membrane	Optical(1000dpi)
Connection Type	USB	USB
Size	L:321mm, W:142mm, H:25.4mm	L:96mm, W:54.8mm, H:37.5mm
Weight	390g	70g
Cable Length	1.5m	1.5m
Material	ABS	ABS
Power Consumption	5Vdc, 50mA	5Vdc, 100mA
Lifetime	Key Lifetime : 10 million times	Button Lifetime : 3 million times Wheel Switch : 1 million times
Operating Temperature	Temperature 10 °C to 35 °C	
Storage Temperature	Temperature -20 °C to 60 °C	

CAUTION

- Make sure that the keyboard is protected from foreign substances.
- Mouse may not work properly on the silky surface such as glass.

FAQs	
Can I use the keyboard/mouse on other products ?	<ul style="list-style-type: none"> • The keyboard and mouse are provided with P1900B monitor and may be incompatible with other products. Some keys may not work properly.
What should I do if the mouse is not working?	<ul style="list-style-type: none"> • Check whether the mouse is properly connected to the USB port.
What should I do if the mouse does not move smooth?	<ul style="list-style-type: none"> • Check whether the surface on which the mouse moves is made of metals (iron, aluminum, copper and others). Metal surface may cause problems for wireless mouse move. It may cause malfunctions or make the mouse slow to respond.



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 _____

■■■ Regulatory Information cont.

:: FCC Compliance Statement

This equipment has been tested and found to comply within the limits of a Class B digital device pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses, and can radiate radio frequency energy and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception (which can be determined by turning the equipment on and off), the user is encouraged to try to correct the interference by using one or more of the following measures:

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

Caution: Changes or modifications not expressly approved by the party responsible for compliance could void the user's (or your) authority to operate the equipment. Only peripherals (digital input/output devices, terminals, printers, etc.) certified to comply with the Class B limits may be attached to this monitor. Operation with non-certified peripherals is likely to result in interference to radio and TV reception. Only shielded signal cables may be used with this System.

NOTICE

The regulations are applied only to the products with the ID LABEL indicating specific requirements.

:: Canadian DOC Notice

This Class B digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations. Cet appareil numérique de la classe B

respecte toutes les exigences du Règlement sur le matériel brouilleur du Canada.

NOTICE

The regulations are applied only to the products with the ID LABEL indicating specific requirements.

:: CE Conformity Notice (for Europe)

Products with the "CE" Marking comply with the EMC Directive(89/336/EEC) and LOW VOLTAGE Directive (73/23/EEC) issued by the Commission of the European Community.

Compliance with these directives implies conformity to the following European Norms :

- EN 55022 ; Radio Frequency Interference
- EN 55024 ; Electromagnetic Immunity
- EN 61000-3-2 ; Power Line Harmonics
- EN 61000-3-3 ; Voltage Fluctuations
- EN 60950-1 ; Product Safety

NOTICE

The regulations are applied only to the products with the ID LABEL indicating specific requirements.

:: Low Radiation Compliance (MPR II)

This monitor meets one of the strictest guidelines available today for low radiation emissions, offering the user extra shielding and an antistatic screen coating. These guidelines, set forth by a government agency in Sweden, limit the amount of emission allowed in the Extremely Low Frequency (ELF) and Very Low Frequency (VLF) electromagnetic range.

:: TCO'99 (TCO'99 applied model only)



Congratulations!

You have just purchased a TCO'99 approved and labelled product! Your choice has provided you with a product developed for professional use. Your purchase has also contributed to reducing the burden on the environment and also to the further development of environmentally adapted electronics products.

■■■ Regulatory Information cont.

Why do we have environmentally labelled computers?

In many countries, environmental labelling has become an established method for encouraging the adaptation of goods and services to the environment. With the growing manufacture and usage of electronic equipment throughout the world, there is a recognized concern for the materials and substances used by electronic products with regards to their eventual recycling and disposal. By proper selection of these materials and substances, the impact on the environment can be minimized.

There are also other characteristics of a computer, such as energy consumption levels, that are important from the viewpoints of both the work (internal) and natural (external) environments. Electronic equipment in offices is often left running continuously, resulting in unnecessary consumption of large amounts of energy and additional power generation. From the standpoint of carbon dioxide emissions alone, it is vital to save energy.

What does labelling involve?

The product meets the requirements for the TCO'99 scheme which provides for international and environmental labelling of personal computers and/or displays.

The labelling scheme was developed as a joint effort by the TCO (The Swedish Confederation of Professional Employees), Svenska Naturskyddsforeningen (The Swedish Society for Nature Conservation) and Statens Energimyndighet (The Swedish National Energy Administration).

Approval requirements cover a wide range of issues: ecology, ergonomics, emission of electrical and magnetical fields, energy consumption and electrical safety.

Ecological criteria impose restrictions on the presence and use of heavy metals, brominated and chlorinated flame retardants, and other substances. The product must be prepared for recycling and the manufacturing site(s) shall be certified according to ISO14001 or EMAS registered.

Energy requirements include a demand that the system unit and/or display, after a certain period of inactivity, shall reduce its power consumption to a lower level in one or more stages. The length of time to reactivate the system unit shall be reasonable for the user.

Labelled products must meet strict environmental demands, for example, in respect of the reduction of electrical and magnetical fields as well as work load and

visual ergonomics.

Below you will find a brief summary of the ecological requirements met by this product. The complete ecological criteria document can be found at TCO Development's website <http://www.tcodevelopment.com> or may be ordered from:

TCO Development

SE-114 94 STOCKHOLM, Sweden

Fax: +46 8 782 92 07

Email : development@tco.se

Information regarding TCO'99 approved and labelled products may also be obtained at <http://www.tcodevelopment.com>

Ecological requirements

Flame retardants

Flame retardants may be present in printed wiring board laminates, cables, and housings. Their purpose is to prevent, or at least to delay the spread of fire. Up to 30% by weight of the plastic in a computer casing can consist of flame retardant substances. Many flame retardants contain bromine or chlorine, and these flame retardants are chemically related to PCBs (polychlorinated biphenyls). Both the flame retardants containing bromine or chlorine and the PCBs are suspected of giving rise to health effects, including reproductive damage in fish-eating birds and mammals, due to the bio-accumulative* processes when not disposed of in accordance with strict standards for disposal.

TCO'99 requires that plastic components weighing more than 25 grams shall not contain flame retardants with organically bound bromine or chlorine. Flame retardants are allowed in the printed wiring board laminates due to the lack of commercially available alternatives.

Cadmium**

Cadmium is present in rechargeable batteries and in the colour-generating layers of certain computer displays. TCO'99 requires that batteries, the colour-generating layers of display screens, and the electrical or electronics components shall not contain any cadmium.

Mercury**

Mercury is sometimes found in batteries, relays and switches. TCO'99 requires that batteries shall not contain any mercury. It also demands that mercury is not present in any of the electrical or electronics components associated with the labelled unit. There is however one

■■■ Regulatory Information cont.

exception. Mercury is, for the time being, permitted in the back light system of flat panel monitors as there today is no commercially available alternative. TCO aims on removing this exception when a mercury free alternative is available.

Lead**

Lead can be found in picture tubes, display screens, solders and capacitors. TCO'99 permits the use of lead due to the lack of commercially available alternatives, but in future requirements TCO Development aims at restricting the use of lead.

* Bio-accumulative is defined as substances which accumulate in living organisms.

**Lead, Cadmium and Mercury are heavy metals which are bio-accumulative.

:: **TCO'03** (TCO'03 applied model only)



Congratulations!

The display you have just purchased carries the TCO'03 Displays label.

This means that your display is designed, manufactured and tested according to some of the strictest quality and environmental requirements in the world. This makes for a high performance product, designed with the user in focus that also minimizes the impact on our natural environment. Some of the features of the TCO'03 Display requirements:

Ergonomics

- Good visual ergonomics and image quality in order to improve the working environment for the user and to reduce sight and strain problems. Important parameters are luminance, contrast, resolution, reflectance, colour rendition and image stability.

Energy

- Energy-saving mode after a certain time – beneficial both for the user and the environment
- Electrical safety

Emissions

- Electromagnetic fields

- Noise emissions

Ecology

- The product must be prepared for recycling and the manufacturer must have a certified environmental management system such as EMAS or ISO 14 001
- Restrictions on
 - chlorinated and brominated flame retardants and polymers
 - heavy metals such as cadmium, mercury and lead.

The requirements included in this label have been developed by TCO Development in co-operation with scientists, experts, users as well as manufacturers all over the world. Since the end of the 1980s TCO has been involved in influencing the development of IT equipment in a more user-friendly direction. Our labelling system started with displays in 1992 and is now requested by users and IT-manufacturers all over the world.

For more information, please visit
www.tcodevelopment.com

English

Information for Environmental Preservation

LGE. announced the 'LG Declaration for a Cleaner Environment' in 1994, and this ideal has served as a guiding managerial principle ever since. The Declaration is a foundation that has allowed us to undertake environmentally friendly activities in careful consideration of economic, environmental, and social aspects.

We promote activities for environmental preservation, and we specifically develop our products to embrace the concept of environment-friendly.

We minimize the hazardous materials contained in our products. For example, there is no cadmium to be found in our monitors.

Information for recycling

This monitor may contain parts which could be hazardous to the environment. It is important that this monitor be recycled after use.

LGE. handles all waste monitors through an environmentally acceptable recycling method. There are several take-back and recycling systems currently in

■■■ Regulatory Information cont.

operation worldwide. Many parts will be reused and recycled, while harmful substances and heavy metals are treated by an environmentally friendly method.

If you want to find out more information about our recycling program, please contact your local LG vendor or a corporate representative of LG.

We set our vision and policies on a cleaner world by selecting the issue of the global environment as a task for corporate improvement. Please visit our website for more information about our 'green' policies.

<http://www.lge.com/about/environment/html/Recycling.jsp>

■ ■ ■ Deutsch

Informationen zur Erhaltung der Umwelt

Im Jahr 1994 verkündete LGE die 'LG Declaration for a Cleaner Environment' (LG Erklärung für eine sauberere Umwelt). Seitdem dient dieses Ideal als führendes Prinzip des Unternehmens. Diese Erklärung war die Basis für die Durchführung von

umweltfreundlichen Aktivitäten, wobei wirtschaftliche, umweltbezogene und soziale Aspekte in die Überlegungen mit einbezogen wurden.

Wir fördern Aktivitäten zum Schutz der Umwelt und die Entwicklung unserer Produkte ist darauf ausgerichtet, unserem Konzept bezüglich Umweltfreundlichkeit gerecht zu werden.

Wir sind darauf bedacht, den Anteil der in unseren Produkten enthaltenen schädlichen Materialien zu minimieren. So ist in unseren Monitoren beispielsweise kein Kadmium zu finden.

Informationen zum Thema Recycling

Dieser Monitor enthält Teile, die umweltschädlich sein können. Es ist unbedingt erforderlich, dass der Monitor recycelt wird, nachdem er außer Dienst gestellt wurde.

Bei LGE. werden alle ausrangierten Monitore in einem unter umweltbezogenen Aspekten geeigneten Verfahren recycelt. Augenblicklich sind weltweit mehrere Rücknahme- und Recyclingsysteme im Einsatz. Viele Teile werden wieder verwendet und recycelt. Schädliche Substanzen und Schwermetalle werden durch umweltverträgliche Verfahren behandelt.

Falls Sie mehr über unser Recyclingprogramm erfahren möchten, wenden Sie sich bitte an Ihren lokalen LG-Händler oder einen Unternehmensvertreter von LG.

Wir richten unsere Firmenpolitik auf eine sauberere Umwelt hin aus, indem wir umweltspezifische Aspekte als wichtigen Punkt in die Weiterentwicklung unseres Unternehmens einfließen lassen. Zusätzliche Informationen über unsere 'grüne' Firmenpolitik erhalten Sie auf unserer Website.

<http://www.lge.com/about/environment/html/Recycling.jsp>

■ ■ ■ Français

Information sur la protection de l'environnement

LGE. a publié sa 'Déclaration en faveur d'un environnement plus propre' en 1994 et celle-ci est restée, depuis lors, un principe directeur de notre entreprise. Cette déclaration a servi de base à notre réflexion et nous a permis de prendre en compte à la fois les aspects économiques et sociaux de nos activités, tout en respectant l'environnement.

Nous encourageons les activités en faveur de la préservation de l'environnement et c'est dans cet esprit que nous développons nos produits : nous réduisons au minimum les matières dangereuses qui entrent dans leur composition et l'on ne trouve pas de cadmium, par exemple, dans nos moniteurs.

Information sur le recyclage

Ce moniteur peut contenir des composants qui présentent un risque pour l'environnement. Il est donc important que celui-ci soit recyclé après usage.

LGE. traite les moniteurs en fin de cycle conformément à une méthode de recyclage respectueuse de l'environnement. Nous reprenons nos produits et les recyclons dans plusieurs sites répartis dans le monde entier. De nombreux composants sont réutilisés et recyclés, et les matières dangereuses, ainsi que les métaux lourds, sont traités selon un procédé écologique.

Si vous souhaitez plus de renseignements sur notre programme de recyclage, veuillez contacter votre revendeur LG ou un l'un de nos représentants.

Nous voulons agir pour un monde plus propre et croyons au rôle de notre entreprise dans l'amélioration de l'environnement. Pour plus de renseignements sur notre politique "verte", rendez visite à notre site :

<http://www.lge.com/about/environment/html/Recycling.jsp>

■■■ Regulatory Information cont.

Italiano

Informazioni per la tutela dell'ambiente

La LGE. ha annunciato nel 1994 la cosiddetta 'LG Declaration for a Cleaner Environment' (Dichiarazione di LG a favore di un ambiente più pulito), un ideale che da allora funge da principio ispiratore della gestione aziendale. La dichiarazione rappresenta il fondamento che consente di intraprendere attività a favore dell'ambiente tenendo conto degli aspetti economici, ambientali e sociali. Noi della LG, promuoviamo attività a favore della tutela dell'ambiente sviluppando appositamente i nostri prodotti per cogliere il concetto del rispetto dell'ambiente riducendo i materiali dannosi presenti nei nostri prodotti. Ad esempio nei nostri monitor non è presente il cadmio.

Informazioni per il riciclaggio

Il monitor può presentare componenti che potrebbero risultare eventualmente dannosi per l'ambiente. È importante che il monitor sia riciclato al termine del suo utilizzo.

La LGE. gestisce tutti i monitor di rifiuto con un metodo di riciclaggio soddisfacente dal punto di vista ambientale. In tutto il mondo sono attualmente in funzione numerosi sistemi di riciclaggio e recupero. I diversi componenti sono riutilizzati e riciclati, mentre le sostanze dannose e i metalli pesanti vengono trattati con un metodo rispettoso dell'ambiente.

Se si desiderano maggiori informazioni in merito al programma di riciclaggio, è consigliabile rivolgersi al proprio rivenditore LG o ad un rappresentante aziendale della LG.

Noi della LG impostiamo la nostra visione e le nostre politiche a favore di un mondo più pulito ponendo la questione dell'ambiente dal punto di vista globale come una mansione rivolta al miglioramento della nostra azienda. Vi invitiamo a visitare il nostro sito internet per ulteriori informazioni sulla nostra politica "verde".
<http://www.lge.com/about/environment/html/Recycling.jsp>

Espanol

Información para la conservación medioambiental

LGE. presentó la 'Declaración para un entorno más limpio de LG' en 1994 y este ideal ha servido para guiar nuestros principios empresariales desde entonces. La Declaración es la base que nos ha permitido llevar a cabo tareas que

respetan el medio ambiente siempre teniendo en cuenta aspectos sociales, económicos y medioambientales.

Promocionamos actividades orientadas a la conservación del medio ambiente y desarrollamos nuestros productos específicamente para que se ajusten a la filosofía que protege el entorno.

Reducimos al máximo el uso de materiales de riesgo en nuestros productos. Un ejemplo de ello es la ausencia total de cadmio en nuestros monitores.

Información para el reciclaje

Este monitor puede contener piezas que entrañen riesgos medioambientales. Es importante reciclar este monitor después de su utilización.

LGE. trata todos los monitores usados siguiendo un método de reciclaje que no daña al entorno. Contamos con diversos sistemas de recuperación y reciclaje que funcionan a nivel mundial en la actualidad. Es posible reciclar y reutilizar muchas de las piezas, mientras que las sustancias dañinas y los metales pesados se tratan siguiendo un método que no perjudique al medio ambiente. Si desea obtener más información acerca del programa de reciclaje, póngase en contacto con su proveedor local de LG o con un representante empresarial de nuestra marca.

Basamos nuestra visión y nuestras políticas en un mundo más limpio y para ellos optamos por un entorno global como tarea principal de nuestra evolución como empresa. Visite nuestra página Web para obtener más información sobre nuestras políticas ecológicas.

<http://www.lge.com/about/environment/html/Recycling.jsp>

Português

Informações relacionadas à preservação ambiental

A LGE. anunciou a 'LG Declaration for a Cleaner Environment' (Declaração da LG para um ambiente mais limpo) em 1994 e esse ideal tem servido desde então como um princípio administrativo de orientação. A Declaração é a base que nos tem permitido realizar atividades favoráveis ao ambiente com consideração atenta aos aspectos econômicos, ambientais e sociais.

Promovemos atividades de preservação ambiental e desenvolvemos nossos produtos para englobar

■■■ Regulatory Information cont.

especificamente o conceito de favorável ao ambiente.

Reduzimos os materiais perigosos contidos em nossos produtos. Por exemplo, não há cádmio em nossos monitores.

Informações relacionadas à reciclagem

Este monitor pode conter peças que podem representar riscos ao ambiente. É importante que ele seja reciclado após o uso.

A LGE. cuida de todos os monitores descartados através de um método de reciclagem agradável ao ambiente. Há vários sistemas de devolução e reciclagem atualmente em operação no mundo. Muitas peças serão reutilizadas e recicladas e as substâncias nocivas e os metais pesados passarão por tratamento através de um método favorável ao ambiente.

Para obter mais informações sobre nosso programa de reciclagem, entre em contato com seu fornecedor LG local ou com um representante corporativo da LG.

Definimos nossa visão e nossas políticas relacionadas a um mundo mais limpo selecionando a questão do ambiente global como uma tarefa de aprimoramento corporativo. Visite nosso site para obter mais informações sobre nossas políticas de meio ambiente.

<http://www.lge.com/about/environment/html/Recycling.jsp>

■■■ Nederlands

Informatie met betrekking tot het behoud van het milieu

LGE. publiceerde in 1994 de 'LG Declaration for a Cleaner Environment' (de LG-verklaring met betrekking tot een schoner milieu). Deze verklaring en het ideaal van een schoner milieu fungeren sindsdien als een bestuurlijke leidraad voor onze onderneming. Op basis van deze verklaring ontplooiën wij milieuvriendelijke activiteiten, waarbij er zowel met sociale en economische aspecten, als met milieuaspecten zorgvuldig rekening wordt gehouden.

Wij ondersteunen activiteiten die zijn gericht op het behoud van het milieu en wij houden bij het ontwikkelen onze producten specifiek rekening met de milieuvriendelijkheid van onze producten.

Wij minimaliseren het gebruik van schadelijke stoffen in onze producten. Er wordt bijvoorbeeld geen cadmium verwerkt in onze monitoren.

Informatie met betrekking tot recycling

Deze monitor bevat materialen die schadelijk zouden kunnen zijn voor het milieu. Het is belangrijk dat deze monitor aan het einde van zijn levensduur wordt gerecycled.

LGE. verwerkt alle afvalmonitoren via een milieuvriendelijke recyclingmethode. Hiervoor worden er momenteel wereldwijd verscheidene inname- en recyclingsystemen gehanteerd. Een groot aantal onderdelen wordt opnieuw gebruikt en gerecycled, waarbij schadelijke stoffen en zware metalen volgens een milieuvriendelijke methode worden verwerkt.

Voor meer informatie over ons recyclingprogramma kunt u contact opnemen met uw plaatselijke LG-vertegenwoordiger of een LG-vestiging.

Onze visie en ons beleid met betrekking tot een schonere wereld vloeien voort uit het feit dat wij het milieu hebben aangemerkt als een onderwerp dat speciale aandacht verdient binnen onze onderneming. Bezoek onze website voor meer informatie over ons 'groene' beleid.

<http://www.lge.com/about/environment/html/Recycling.jsp>

■■■ Russian

Информация по охране окружающей среды

В 1994 году корпорация LGE опубликовала 'Декларацию LG по охране окружающей среды', которая с тех пор служит основным принципом управления. На основе этой декларации мы смогли предпринять действия, обеспечивающие безопасность окружающей среды, уделяя при этом должное внимание экономическим, экологическим и социальным аспектам.

Мы стимулируем деятельность по охране окружающей среды, уделяя особое внимание разработке нашей продукции в соответствии с концепцией экологической безопасности.

Мы сводим к минимуму содержание опасных веществ в нашей продукции. Например, в наших мониторах вы не найдете кадмия.

Информация по утилизации отходов

Этот монитор может содержать компоненты, которые могут нанести ущерб окружающей среде.

■■■ Regulatory Information cont.

Необходимо утилизировать монитор после использования.

Корпорация LGE перерабатывает все бракованные мониторы с помощью экологически приемлемого метода утилизации отходов. По всему миру действуют системы утилизации отходов и возврата использованной продукции. Многие компоненты будут вторично использованы и утилизированы, в то время как вредные вещества и тяжелые металлы будут обработаны с помощью экологически приемлемого метода.

За более подробной информацией по нашей программе утилизации отходов обращайтесь к местному поставщику или представителю корпорации LG.

Мы ориентируемся на обеспечение экологической безопасности, ставя себе целью глобальную защиту окружающей среды. Дополнительную информацию о нашей политике по охране окружающей среды вы можете найти на нашем сайте:
<http://www.lge.com/about/environment/html/Recycling.jsp>

한국어

환경 보존 정보

LG 전자는 1994년 'LG 환경 선언문'을 발표한 후 현재까지 이를 기업 경영의 이념으로 삼아왔습니다. 이 선언문을 바탕으로 LG 전자는 모든 경영 활동에서 경제성뿐만 아니라 환경성 및 사회성을 주요 의사 결정의 기준으로 삼음으로써 지속적으로 환경 친화적인 경영을 전개하고 있습니다.

본사는 보다 활발한 환경 보존 활동과 더불어 환경 친화적 제품 개발에 주력해 왔습니다.

또한 제품에 포함되는 환경 위해 요소를 최소화하는 데에도 노력을 기울이지 않고 있습니다. LG 전자 모니터의 경우 카드를 전혀 사용하지 않는 것에서도 이러한 노력을 알 수 있습니다.

재활용 정보

본 모니터에는 환경에 위해를 주는 부품이 포함되어 있을 수도 있습니다. 따라서 사용이 끝난 모니터는 재활용하는 것이 좋습니다.

폐모니터는 모두 환경 친화적 방식으로 처리됩니다. 현재 세계적으로 운영되고 있는 회수 및 재활용 시스템에는

여러 가지가 있습니다. 대부분의 부품의 경우 재사용 또는 재활용되지만 환경 위해 물질과 중금속은 환경 친화적 방법으로 처리됩니다.

본사의 재활용 프로그램에 대한 자세한 정보는 각 지역의 LG 공급업체나 LG 기업 대표부에 문의하시기 바랍니다.

LG 전자는 기업 개선 정책의 하나로 지구 환경 문제를 채택함으로써 보다 나은 환경을 만들어 나가기 위한 비전과 정책을 수립했습니다. 본사의 친환경 정책에 대한 자세한 정보를 보시려면 아래의 웹 사이트를 방문하십시오.

http://www.lge.co.kr/cckr/about/environ/purity_02.jsp

:::EPA (EPA applied model only)

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.

:::NOM MARK (Mexico only)



■■■ Regulatory Information cont.

:: WEEE (for Europe)



English

Disposal of your old appliance

1. When this crossed-out wheeled bin symbol is attached to a product it means the product is covered by the European Directive 2002/96/EC.
2. All electrical and electronic products should be disposed of separately from the municipal waste stream via designated collection facilities appointed by the government or the local authorities.
3. The correct disposal of your old appliance will help prevent potential negative consequences for the environment and human health.
4. For more detailed information about disposal of your old appliance, please contact your city office, waste disposal service or the shop where you purchased the product.

French

Élimination de votre ancien appareil

1. Ce symbole, représentant une poubelle sur roulettes barrée d'une croix, signifie que le produit est couvert par la directive européenne 2002/96/EC.
2. Les éléments électriques et électroniques doivent être jetés séparément, dans les vide-ordures prévus à cet effet par votre municipalité.
3. Une élimination conforme aux instructions aidera à réduire les conséquences négatives et risques éventuels pour l'environnement et la santé humaine.
4. Pour plus d'information concernant l'élimination de votre ancien appareil, veuillez contacter votre mairie, le service des ordures ménagères ou encore la magasin où vous avez acheté ce produit.

Italian

Smaltimento delle apparecchiature obsolete

1. Quando su un prodotto è riportato il simbolo di

un bidone della spazzatura barrato da una croce significa che il prodotto è coperto dalla direttiva europea 2002/96/EC.

2. Tutti i prodotti elettrici ed elettronici dovrebbero essere smaltiti separatamente rispetto alla raccolta differenziata municipale, mediante impianti di raccolta specifici designati dal governo o dalle autorità locali.
3. Il corretto smaltimento delle apparecchiature obsolete contribuisce a prevenire possibili conseguenze negative sulla salute umana e sull'ambiente.
4. Per informazioni più dettagliate sullo smaltimento delle apparecchiature obsolete, contattare il comune, il servizio di smaltimento rifiuti o il negozio in cui è stato acquistato il prodotto.

Swedish

Kassering av din gamla apparat

1. När den här symbolen med en överkryssad soptunna på hjul sitter på en produkt innebär det att den regleras av European Directive 2002/96/EC.
2. Alla elektriska och elektroniska produkter bör kasseras via andra vägar än de som finns för hushållsavfall, helst via för ändamålet avsedda uppsamlingsanläggningar som myndigheterna utser.
3. Om du kasserar din gamla apparat på rätt sätt så bidrar du till att förhindra negativa konsekvenser för miljön och människors hälsa.
4. Mer detaljerad information om kassering av din gamla apparat kan fås av kommunen, renhållningsverket eller den butik där du köpte produkten.

Dutch

Uw oude toestel wegdoen

1. Als het symbool met de doorgekruiste verrijdbare afvalbak op een product staat, betekent dit dat het product valt onder de Europese Richtlijn 2002/96/EC.
2. Elektrische en elektronische producten mogen niet worden meegegeven met het huishoudelijk afval, maar moeten worden ingeleverd bij speciale inzamelingspunten die door de lokale of landelijke overheid zijn aangewezen.
3. De correcte verwijdering van uw oude toestel helpt negatieve gevolgen voor het milieu en de menselijke gezondheid voorkomen.

Regulatory Information cont.

4. Wilt u meer informatie over de verwijdering van uw oude toestel? Neem dan contact op met uw gemeente, de afvalophaaldienst of de winkel waar u het product hebt gekocht.

Finnish

Vanhonjen laitteiden hävittäminen

1. Tämä merkki tuotteessa tarkoittaa, että tuote kuuluu sähkö- ja elektroniikkalaiteromusta annetun EU-direktiivin 2002/96/EY soveltamisalaan.
2. Kaikki elektroniset laitteet ovat ongelmajätettä, joten ne on toimitettava paikalliseen keräyspisteeseen.
3. Vanhan laitteen asianmukainen hävittäminen ehkäisee mahdollisia ympäristöön ja terveyteen kohdistuvia haittavaikutuksia.
4. Lisätietoa vanhan laitteen hävittämisestä saat ottamalla yhteyden paikallisiin viranomaisiin, kierrätyskeskukseen tai myymälään, josta ostit laitteen.

German

Entsorgung von Altgeräten

1. Wenn dieses Symbol eines durchgestrichenen Abfallimers auf einem Produkt angebracht ist, unterliegt dieses Produkt der europäischen Richtlinie 2002/96/EC.
2. Alle Elektro- und Elektronik-Altgeräte müssen getrennt vom Hausmüll über dafür staatlich vorgesehenen Stellen entsorgt werden.
3. Mit der ordnungsgemäßen Entsorgung des alten Geräts vermeiden Sie Umweltschäden und eine Gefährdung der persönlichen Gesundheit.
4. Weitere Informationen zur Entsorgung des alten Geräts erhalten Sie bei der Stadtverwaltung, beim Entsorgungsamt oder in dem Geschäft, wo Sie das Produkt erworben haben.

Danish

Sådan smider du dit gamle apparat ud

1. Når der er et tegn med et kryds over en skraldespand, betyder det, at produktet er omfattet af EU-direktiv 2002/96/EC.
2. Alle elektriske og elektroniske produkter skal smides ud et andet sted end gennem den kommunale affaldsordning ved hjælp af specielle indsamlingsfaciliteter, der er organiseret af staten

eller de lokale myndigheder.

3. Korrekt bortskaffelse af dit gamle apparat er med til at forhindre mulige skadevirkninger på miljøet og menneskelig sundhed.
4. Mere detaljerede oplysninger om bortskaffelse af dit gamle apparat kan fås ved at kontakte dit lokale kommunekontor, renovationselskab eller den butik, hvor du købte produktet.

Greek

Απόρριψη της παλιάς σας συσκευής

1. Όταν ένα προϊόν διαθέτει το σύμβολο ενός διαγραμμένου κάλαθου απορριμμάτων, τότε το προϊόν καλύπτεται από την Ευρωπαϊκή Οδηγία 2002/96/EOK.
2. Η απόρριψη όλων των ηλεκτρικών και ηλεκτρονικών προϊόντων πρέπει να γίνεται χωριστά από τα γενικά οικιακά απορρίμματα μέσω καθορισμένων εγκαταστάσεων συλλογής απορριμμάτων, οι οποίες έχουν δημιουργηθεί είτε από την κυβέρνηση ή από τις τοπικές αρχές.
3. Η σωστή απόρριψη της παλιάς σας συσκευής θα βοηθήσει στην αποτροπή πιθανών αρνητικών συνεπειών ως προς το περιβάλλον και την υγεία του ανθρώπου.
4. Για πιο λεπτομερείς πληροφορίες σχετικά με την απόρριψη της παλιάς σας συσκευής, επικοινωνήστε με το αρμόδιο τοπικό γραφείο, υπηρεσία διάθεσης οικιακών απορριμμάτων ή το μαγαζί από το οποίο αγοράσατε το προϊόν.

Spanish

Cómo deshacerse de aparatos eléctricos y electrónicos viejos

1. Si en un producto aparece el símbolo de un contenedor de basura tachado, significa que éste se acoge a la Directiva 2002/96/CE.
2. Todos los aparatos eléctricos o electrónicos se deben desechar de forma distinta del servicio municipal de recogida de basura, a través de puntos de recogida designados por el gobierno o las autoridades locales.
3. La correcta recogida y tratamiento de los dispositivos inservibles contribuye a evitar riesgos potenciales para el medio ambiente y la salud pública.
4. Para obtener más información sobre cómo deshacerse de sus aparatos eléctricos y electrónicos viejos, póngase en contacto con su ayuntamiento, el servicio de recogida de basuras o el establecimiento donde adquirió el producto.

Regulatory Information cont.

Portuguese

Eliminação do seu antigo aparelho

1. Quando este símbolo de latão cruzado estiver afixado a um produto, significa que o produto é abrangido pela Directiva Europeia 2002/96/EC.
2. Todos os produtos eléctricos e electrónicos devem ser eliminados separadamente do lixo doméstico através de pontos de recolha designados, facilitados pelo governo ou autoridades locais.
3. A eliminação correcta do seu aparelho antigo ajuda a evitar potenciais consequências negativas para o ambiente e para a saúde humana.
4. Para obter informações mais detalhadas acerca da eliminação do seu aparelho antigo, contacte as autoridades locais, um serviço de eliminação de resíduos ou a loja onde comprou o produto.

Slovak

Likvidácia váš ho starého prístroja

1. Keď sa na produkte nachádza tento symbol prečiarknutej smetnej nádoby s kolieskami, znamená to, že daný produkt vyhovuje európskej Smernici č. 2002/96/EC.
2. Všetky elektrické a elektronické produkty by mali byť zlikvidované oddelene od komunálneho odpadu prostredníctvom na to určených zberných zariadení, ktoré boli ustanovené vládou alebo orgánmi miestnej správy.
3. Správnu likvidáciu starých zariadení pomôžete predchádzať potenciálnym negatívnym následkom pre prostredie a ľudské zdravie.
4. Podrobnejšie informácie o likvidácii starých zariadení nájdete na miestnom úrade, v službe na likvidáciu odpadu alebo u predajcu, kde ste tento produkt zakúpili.

Czech

Likvidace starých spotřebičů

1. Pokud je u výrobku uveden symbol pojízdného kontejneru v přeškrtnutém poli, znamená to, že na výrobek se vztahuje směrnice Evropské unie číslo 2002/96/EC.
2. Všechny elektrické a elektronické výrobky by měly být likvidovány odděleně od běžného komunálního odpadu prostřednictvím sběrných zařízení zřízených za tímto účelem vládou nebo místní samosprávou.
3. Správný způsob likvidace starého elektrického spotřebiče pomáhá zamezit možným negativním dopadům na životní prostředí a zdraví.
4. Bližší informace o likvidaci starého spotřebiče získáte u místní samosprávy, ve sběrném zařízení nebo v obchodě, ve kterém jste výrobek zakoupili.

Croatian

Uklanjanje starog aparata

1. Ako se na proizvodu nalazi simbol prekrizhene kante za smeće, to znači da je proizvod pokriven europskom direk-

tivom 2002/96/EC.

2. Električni i elektronski proizvodi ne smiju se odlagati zajedno s komunalnim otpadom, već u posebna odlagališta koja je odredila vlada ili lokalne vlasti.
3. Pravilno odlaganje starog proizvoda sprečiti će potencijalne negativne posljedice po okoliš i zdravlje ljudi.
4. Podrobnije informacije o odlaganju starog proizvoda potražite u gradskom uredu, službi za odlaganje otpada ili u trgovini u kojoj ste kupili proizvod.

Hungarian

Régi eszközök ártalmatlanítása

1. A termékhez csatolt áthúzott, keresek szeméttároló jel jelöli, hogy a termék a 2002/96/EC EU-direktíva hatálya alá esik.
2. Minden elektromos és elektronikai terméket a lakossági hulladéktól elkülönítve kell begyűjteni, a kormány vagy az önkormányzatok által kijelölt begyűjtő eszközök használatával.
3. Régi eszközeinek megfelelő ártalmatlanítása segíthet megelőzni az esetleges egészségre vagy környezetre ártalmas hatásokat.
4. Ha több információra van szüksége régi eszközeinek ártalmatlanításával kapcsolatban, tanulmányozza a vonatkozó környezetvédelmi szabályokat, vagy lépjen kapcsolatba az üzlettel, ahol a terméket vásárolta.

Polish

Utylizacja starych urządzeń

1. Kiedy do produktu dołączony jest niniejszy przekreślony symbol kołowego pojemnika na śmieci, oznacza to, że produkt jest objęty dyrektywą 2002/96/EC.
2. Wszystkie elektryczne i elektroniczne produkty powinny być utylizowane niezależnie od odpadów miejskich, z wykorzystaniem przeznaczonych do tego miejsc składowania wskazanych przez rząd lub miejscowe władze.
3. Właściwy sposób utylizacji starego urządzenia pomoże zapobiec potencjalnie negatywnemu wpływowi na zdrowie i środowisko.
4. Aby uzyskać więcej informacji o sposobach utylizacji starych urządzeń, należy skontaktować się z władzami lokalnymi, przedsiębiorstwem zajmującym się utylizacją odpadów lub sklepem, w którym produkt został kupiony.

■■■ Regulatory Information cont.

■ ■ ■ Estonian

Kasutuskõlbmatu seadme käitlemise kord

1. Kui seade on märgistatud selle elektri- ja elektroonikaseadmete lahuskogumist märgistava tähisega (ratastega prügikonteineri kujutis, millele on rist peale tõmmatud), tuleb toodet käidelda vastavalt Eurodirektiivile 2002/96/EÜ.
2. Elektri- ja elektroonikaseadmeid ei tohi visata tavalise prügi hulka. Nad kuuluvad lahuskogumisele selleks määratud kogumispunktides.
3. Kasutuskõlbmatu tervikseadme käitlemine tavaprügist lahus on korraldatud selleks, et vältida negatiivseid tagajärgi, mida põhjustaksid seadme osade purunemisel vabaneda võivad ohtlikud jäätmed loodusele või inimorganismile.
4. Täpsemat informatsiooni selle kohta, kuhu ja millal saab ära anda oma kasutamiskõlbmatu elektri- ja elektroonikaseadme, küsige kohalikult omavalitsuselt, prügifirmalt või kaupluselt, kust seadme ostsite.

■ ■ ■ Latvian

Vecās elektroierīces nodošana

1. Ja uz produkta ir simbols ar pārsvītrotu atkritumu tvertni, tas nozīmē, ka produkts ir iekļauts Eiropas direktīvā 2002/96/EC.
2. Visi elektriskie un elektroniskie produkti ir jāutilizē, nododot pašvaldības īpaši noteiktās pieņemšanas vietās. Tos nedrīkst izmest parastās municipalitātes atkritumu urnās.
3. Ievērojot prasības veco elektroierīču utilizēšanā, jūs pasargāsiet apkārtējo vidi un cilvēku veselību no iespējami nelabvēlīgajām sekām, kādas varētu rasties, ierīcēm sadaloties nepiemērotā vietā.
4. Lai gūtu plašāku informāciju par veco ierīču utilizēšanas iespējām, sazinieties ar pilsētas pašvaldību, atkritumu savākšanas saimniecību vai veikalu, kurā ierīci iegādājāties.

■ ■ ■ Lithuanian

Senos įrangos atliekų tvarkymas

1. Užbrauktas konteinerio simbolis priverčia atkreipti dėmesį, kad įrangą saugo Europos direktyva 2002/96/EC.
2. Visos elektros ir elektroninės įrangos atliekos turi būti renkamos atskirai ir neišmetamos į atliekų konteinerį kartu su kitomis komunalinėmis atliekomis, taikant specialią atliekų surinkimo sistemą, patvirtintą vyriausybės ar vietos valdžios.
3. Teisingas senos įrangos atliekų tvarkymas, padės išvengti neigiamų pasekmių aplinkai ir žmonių sveikatai.
4. Dėl išsamesnės informacijos apie senos įrangos tvarkymą, prašome kreiptis į miesto valdžią, atliekų perdirbimo tarnybą arba parduotuvę, kurioje pirkote įrangą.