Printing specification

	Drawn	Checked	Approved
Signature	Jiyoung.choi	Seounggeun.Kim	Jongok.Kim
MMM/DD/YYYY	Jan/15/2015	Jan/15/2015	Jan/15/2015

1. Model Description

Model name	:	**24MT47D-PTS**	Brand name	:	**LG**	Part number	: **MFL68901003**
Suffix	:	**AU/FB/FK**	Product name	:	**24MT47D**	(Revision number)	**(1508-REV04)**

2. Printing Specification

1. Trim size (Format) : **148 mm x 210 mm (A5)**
2. Printing colors
   - Cover : **1 Color (Black)**
   - Inside : **1 Color (Black)**
3. Stock (Paper)
   - Cover : **Uncoated, wood-free paper 60 g/㎡**
   - Inside : **Uncoated, wood-free paper 60 g/㎡**
4. Bindery : **Saddle stitching**
5. Language : **ENG (1)**
6. Number of pages : **20**

NOTE

"This part contains Eco-hazardous substances (Pb, Cd, Hg, Cr6+, PBB, PBDE, etc.) within LG standard level,
Details should be followed Eco-SCM management standard[LG(56)-A-2524].
Especially, Part should be followed and controlled the following specification.
(1) Eco-hazardous substances test report should be submitted when Part certification test and First Mass Production.
(2) Especially, Don't use or contain lead(Pb) and cadmium(Cd) in ink.

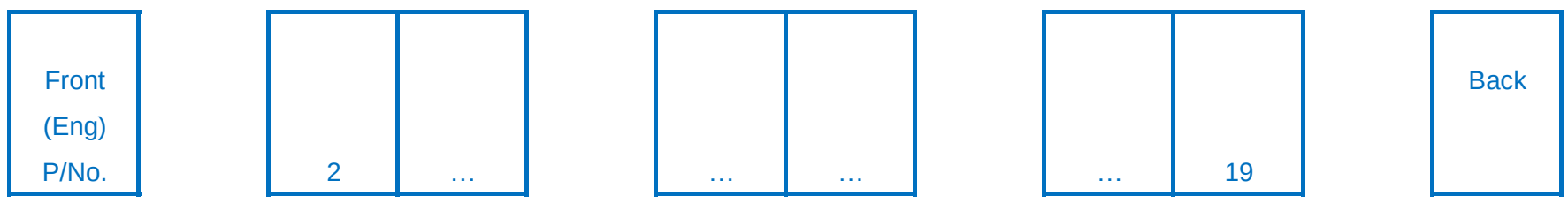
3. Origin Notification

LGEAK	:	Printed in Kazakhstan	LGEKR	:	Printed in Korea	LGERS	: Printed in Mexico
LGEAZ	:	Printed in Brazil	LGEMA	:	Printed in Poland	LGESY	: Printed in China
LGEEG	:	Printed in Egypt	LGEMX	:	Printed in Mexico	LGETH	: Printed in Thailand
LGEIL	:	Printed in India	LGEND	:	Printed in China	LGEVN	: Printed in Vietnam Made by LG Electronics (Only TW Suffix)
LGEIN	:	Printed in Indonesia	LGERA	:	Printed in Russia		
LGEAS	:	Printed in Algeria				LGEWR	: Printed in Poland

4. Changes

Rev. Number	MMM/DD/YYYY	Signature	ECO Number	Change Contents
10				
9				
8				
7				
6				
5				
4	AUG/12/2015	JIYOUNG CHOI	EKMF800052	Changed the weight for 24MT57DC
3	JUN/29/2015	JIYOUNG CHOI	EKMF600643	Adding the new model (24MT47V/28MT47V)
2	JUN/03/2015	JIYOUNG CHOI	EKMF600108	Adding the new model (24MT57DC)
1	MAR/10/2015	JIYOUNG CHOI	EKMF300201	Change the position of the sentence for disclaimer

Pagination sheet



OWNER'S MANUAL

Safety and Reference

LED TV*

*Disclaimer

LG LED TV applies LCD screen with LED backlights.

Please read this manual carefully before operating your set and retain it for future reference.

MT47* MT57*

www.lg.com

P/NO : MFL68901003(1508-REV04)

Printed in Korea

India region only. (Below sentence is not applicable for above 1920 X 1080 resolution TV models.)

ATTENTION:

This product is qualified for the BEE Star rating in the 'Home' Mode.

The Objectives of Star Labeling Program is designed to promote energy efficient products and practices.

When the television is initially set up, it is designed to meet the BEE Star Labeling requirements while maintaining optimum picture quality.

- Changes to certain functionalities of this television (TV Guide, Picture/sound etc) may change the power consumption.
- Depending upon such changed setting (eg., Retail mode), the power consumption may vary which possibly could exceed the stated energy consumption.

To reset the television to Star rating qualified settings, select 'Home' mode from the initial set-up procedure in 'factory settings' under the 'Set-up' menu.

Table of contents

4 Safety precautions

6 Licenses

6 Open source software notice information

6 Preparing

7 Lifting and moving the TV

7 Setting up the TV

7 Using the joystick button

7 Basic functions
8 Adjusting the menu

8 Mounting on a table

8 Adjusting the angle of the TV to suit view
8 Using the kensington security system

9 Mounting on a wall

9 Connections (Notifications)

10 Antenna connection
10 Other connections
10 - Connecting to a PC

11 Remote control

12 Settings

14 To see web manual

15 Maintenance

15 Cleaning your TV
15 - Screen, frame, cabinet, and stand
15 - Power cord
15 Preventing "Image burn" or "Burn-in" on your TV screen

15 Troubleshooting

16 Specifications

19 Environmental information

ENGLISH

Service

Unplug the monitor from the wall outlet and refer servicing to qualified service personnel when :

- The power cord or plug is damaged or frayed.
- Liquid has been spilled into the monitor.
- The monitor has been exposed to rain or water.
- The monitor does not operate normally following the operating instructions. Adjust only those controls that are covered in the operating instructions. An improper adjustment of other controls may result in damage and often requires extensive work by a qualified technician to restore the monitor to normal operation.
- The monitor has been dropped or the cabinet has been damaged.
- The monitor exhibits a distinct change in performance.
- Snapping or popping from the monitor is continuous or frequent while the monitor is operating. It is normal for some monitors to make occasional sounds when being turned on or off, or when changing video modes.

Do not attempt to service the monitor yourself, as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.

Safety precautions

Please read these safety precautions carefully before using the product.

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

⚠ CAUTION
If you ignore the caution message, you may be slightly injured or the product may be damaged.

Precautions in installing the product

⚠ WARNING

- Keep away from heat sources like electrical heaters.
  ▶ Electrical shock, fire, malfunction or deformation may occur.
- Keep the packing anti-moisture material or vinyl packing out of the reach of children.
  ▶ Anti-moisture material is harmful if swallowed. If swallowed by mistake, force the patient to vomit and visit the nearest hospital. Additionally, vinyl packing can cause suffocation. Keep it out of the reach of children.
- Do not put heavy objects on the product or sit upon it.
  ▶ If the product collapses or is dropped, you may be injured. Children must pay particular attention.
- Do not leave the power or signal cable unattended on the pathway.
  ▶ The passerby can falter, which can cause electrical shock, fire, product breakdown or injury.
- Install the product in a neat and dry place.
  ▶ Dust or moisture can cause electrical shock, fire or product damage.
- If you can smell smoke or other odors or hear a strange sound unplug the power cord and contact the service center.
  ▶ If you continue to use without taking proper measures, electrical shock or fire can occur.
- If you dropped the product or the case is broken, turn off the product and unplug the power cord.
  ▶ If you continue to use without taking proper measures, electrical shock or fire can occur. Contact the service center.
- Do not drop an object on or apply impact to the product. Do not throw any toys or objects on the product screen.
  ▶ It can cause injury to human, problem to product and damage the display.
- Do not let the product fall or drop when connecting it with an external device.
  ▶ This may cause injury and/or damage to the product.
- When connecting it with a game device, keep a distance of four times as long as the diagonal measurement of the screen from the device.
  ▶ If the product falls because of the short cable, this may cause injury and/or damage to the product.
- Leaving a fixed image on the screen for a long time may cause damage to the screen and cause image burn-in. To use the product for a long period of time, use a screen saver on the PC or utilize the residual image prevention function on the product, and when the product is not used, turn off the power. Burn-in and related problems are not covered by the warranty on this product.
- Do NOT install this product on a wall where there is high risk of exposure to oil fumes or mist.
  ▶ This may damage product and cause is to fail.

⚠ CAUTION

- Make sure the product ventilation hole is not blocked. Install the product in a suitably wide place (more than 10 cm from the wall)
  ▶ If you install the product too close to the wall, it may be deformed or fire can break out due to internal heat.
- Do not block the ventilation hole of the product by a tablecloth or curtain.
  ▶ The product can be deformed or fire can break out due to overheating inside the product.
- Install the product on a flat and stable place that has no risk of dropping the product.
  ▶ If the product is dropped, you may be injured or the product may be broken.
- Install the product where no EMI occurs.
- Keep the product away from direct sunlight.
  ▶ The product can be damaged.
- If you install the product in a place that does not meet the recommended conditions, this may cause serious damage to the product's picture quality, life cycle and appearance. Please check with LG or a qualified installer before installing. This caution applies to a place where there is an abundance of fine dust or oil mist, chemical substances are used, the temperature is very high or low, the humidity is very high, or the product is likely to remain turned on for a long period of time (airport and train station), failure to do so will invalidate the warranty.
- Do not install the product in an area with poor ventilation (e.g.on a bookshelf, in a closet) or outside and avoid placing on cushions or carpets.
- In addition, do not install it where there are heating objects such as lighting equipment.

Precautions to the AC adapter and electrical power

⚠ WARNING

- If water or any foreign substance goes inside the product (TV, monitor, power cord, or AC adapter), disconnect the power cord immediately and contact the service center.
  ▶ Otherwise, this may cause a fire or electric shock due to damage to the product.
- Do not touch the power plug or AC adapter with wet hands. If the pins of the plug are wet or dusty, wipe and dry them before use.
  ▶ Otherwise, this may cause a fire or electric shock.

- Make sure to completely insert the power cord into the AC adapter.
  ▶ If loosely connected, the poor connection may cause a fire or electric shock.
- Be sure to use power cords and AC adapters provided or approved by LG Electronics, Inc.
  ▶ The use of non-approved products may cause a fire or electric shock.
- When unplugging the power cord, always pull it by the plug. Do not bend the power cord with excessive force.
  ▶ The power line can be damaged, which may cause electric shock or fire.
- Be careful not to step or place heavy objects (electronic appliances, clothing, etc.) on the power cord or AC adapter. Be careful not to damage the power cord or AC adapter with sharp objects.
  ▶ Damaged power cords may cause a fire or electric shock.
- Never disassemble, repair or modify the power cord or AC adapter.
  ▶ This may cause a fire or electric shock.
- Make sure to connect the power cable to the grounded current.
  ▶ You may be electrocuted or injured.
- Use the rated voltage only.
  ▶ The product can be damaged, or you may be electrocuted.
- In the presence of thunder and lightning, never touch the power cord and signal cable because it can be very dangerous.
  ▶ It can cause electric shock.
- Do not connect several extension cords, electrical appliances or electrical heaters to a single outlet. Use a power bar with a grounding terminal designed for exclusive use with the computer.
  ▶ A fire can break out due to overheating.
- Do not touch the power plug with wet hands. Additionally, if the cord pin is wet or covered with dust, dry the power plug completely or wipe dust off.
  ▶ You may be electrocuted due to excess moisture.
- If you don't intend to use the product for a long time, unplug the power cable from the product.
  ▶ Covering dust can cause a fire, or insulation deterioration can cause electric leakage, electric shock or fire.
- Fix the power cable completely.
  ▶ If the power cable is not fixed completely, a fire can break out.
- Do not insert a conductor (like a metal chopstick) into one end of the power cable while the other end is connected to the input terminal on the wall. Additionally, do not touch the power cable right after plugging into the wall input terminal.
  ▶ You may be electrocuted.
- The appliance coupler is used as the disconnect device.
- Please make sure the device is installed near the wall outlet to which it is connected and that the outlet is easily accessible.
- As long as this unit is connected to the AC wall outlet, it is not disconnected from the AC power source even if the unit is turned off.

⚠ CAUTION

- Be sure to keep the outlet, AC adapter, and pins of the power plug clean from dust and etc.
  ▶ This may cause a fire.
- Do not unplug the power cord while the product is in use.
  ▶ Electrical shock can damage the product.
- Use only the power cord supplied with the unit. If you use another power cord, make sure that it is certified by the applicable national standards when not provided by the supplier. If the power cable is faulty in any way, please contact the manufacturer or the nearest authorized repair service provider for a replacement.

Precautions in moving the product

⚠ WARNING

- Make sure to turn off the product.
  ▶ You may be electrocuted or the product can be damaged.
- Make sure to remove all cables before moving the product.
  ▶ You may be electrocuted or the product can be damaged.
- Make sure the panel faces forward and hold it with both hands to move. If you drop the product, the damaged product can cause electric shock or fire. Contact an authorized the service center for repair.
- Make sure the product is turned off, unplugged and all cables have been removed. It may take 2 or more people to carry larger apparatus. Do not press against or put stress on the front panel of the apparatus.

⚠ CAUTION

- Do not shock the product when moving it.
  ▶ You may be electrocuted or the product can be damaged.
- Do not dispose the product-packing box. Use it when you move.

Precautions in using the product

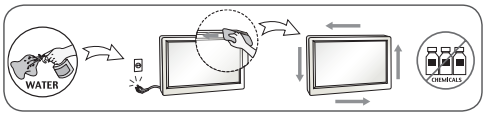
⚠ WARNING

- Do not disassemble, repair or modify the product at your own discretion.
  ▶ Fire or electric shock accident can occur.
  ▶ Contact the service center for check, calibration or repair.
- When the display is to be left unattended for an extended period of time, unplug it from the wall outlet.
- Keep the product away from water.
  ▶ Fire or electric shock accident can occur.
- Do not shock or scratch the front and sides of the screen with metallic objects.
  ▶ Otherwise, it may cause damage to the screen.
- Avoid high temperatures and humidity.

⚠ CAUTION

- Do not put or store inflammable substances near the product.
  ▶ There is a danger of explosion or fire due to careless handling of the inflammable substances.
- When cleaning the product, unplug the power cord and scrub gently with a soft cloth to prevent scratching. Do not clean with a wet cloth or spray water or other liquids directly onto the product. An electric shock may occur. (Do not use chemicals such as benzene, paint thinners or alcohol)

- Take a rest from time to time to protect your vision.
- Keep the product clean at all times.
- Take a comfortable and natural position when working with a product to relax the muscles.
- Take a regular break when working with a product for a long time.
- Do not press strongly upon the panel with a hand or sharp object such as nail, pencil or pen, or make a scratch on it.
- Keep the proper distance from the product.
  ▶ Your vision may be impaired if you look at the product too closely.
- Set the appropriate resolution and clock by referring to the User's Guide.
  ▶ Your vision can be impaired.
- Use authorized detergent only when cleaning the product. (Do not use benzene, thinner or alcohol.)
  ▶ Product can be deformed.
- Do not expose to dripping or splashing and do not place objects filled with liquids, such as vases, cups, etc. on or over the apparatus(e.g. on shelves above the unit).
- Batteries should not be exposed to excessive heat. For example, keep away from direct sunlight, open fireplace and electric heaters.
- Do NOT place non-rechargeable batteries in charging device.
- Using headsets (earphones) for a long time or listening loudly can cause damage to your hearing.
- Spray water onto a soft cloth 2 to 4 times, and use it to clean the front frame; wipe in one direction only. Too much moisture may cause staining.



- Do not use products using high voltage around the Monitor. (ex. Electrical Swatter)
  ▶ Monitor may have malfunction as its electrical shock.

Mounting on a wall

- Do NOT install this product by yourself as you may injure yourself or cause damage to product. Please contact Service personnel authorised by Manufacturer.

Licenses

Supported licenses may differ by model. For more information about licenses, visit *www.lg.com.*

DOLBY DIGITAL PLUS

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DIVX HD

This DivX Certified® device has passed rigorous testing to ensure it plays DivX® video.
To play purchased DivX movies, first register your device at *vod.divx.com*. Find your registration code in the DivX VOD section of your device setup menu.
DivX Certified® to play DivX® video up to HD 1080p, including premium content.
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Open source software notice information

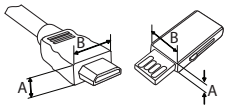
To obtain the source code under GPL, LGPL, MPL, and other open source licenses, that is contained in this product, please visit *http://opensource.lge.com*.
In addition to the source code, all referred license terms, warranty disclaimers and copyright notices are available for download.
LG Electronics will also provide open source code to you on CD-ROM for a charge covering the cost of performing such distribution (such as the cost of media, shipping, and handling) upon email request to *opensource@lge.com*. This offer is valid for three (3) years from the date on which you purchased the product.

Preparing

NOTE

- Image shown may differ from your TV.
- Your TV's OSD (On Screen Display) may differ slightly from that shown in this manual.
- The available menus and options may differ from the input source or product model that you are using.
- New features may be added to this TV in the future.
- The TV can be placed in standby mode in order to reduce the power consumption. And the TV should be turned off if it will not be watched for some time, as this will reduce energy consumption.
- The energy consumed during use can be significantly reduced if the level of brightness of the picture is reduced, and this will reduce the overall running cost.

- The items supplied with your product may vary depending on the model.
- Product specifications or contents of this manual may be changed without prior notice due to upgrade of product functions.
- For an optimal connection, HDMI cables and USB devices should have bezels less than 10 mm thick and 18 mm width.
- Use an extension cable that supports USB 2.0 if the USB cable or USB memory stick does not fit into your TV's USB port.



*A ≦ 10 mm
*B ≦ 18 mm

- Use a certified cable with the HDMI logo attached. If you do not use a certified HDMI cable, the screen may not display or a connection error may occur.
- Recommended HDMI cable types
  - High-Speed HDMI®/™ cable
  - High-Speed HDMI®/™ cable with Ethernet

⚠ CAUTION

- Do not use any unapproved items to ensure the safety and product lifespan of the product.
- Any damages or injuries by using unapproved items are not covered by the manufacturer's warranty.
- Some models have a thin film attached on to the screen and this must not be removed.

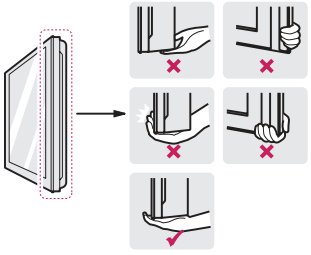
Lifting and moving the TV

Please note the following advice to prevent the TV from being scratched or damaged and for safe transportation regardless of its type and size.

- It is recommended to move the TV in the box or packing material that the TV originally came in.
- Before moving or lifting the TV, disconnect the power cord and all cables.
- When holding the TV, the screen should face away from you to avoid damage.



- Hold the top and bottom of the TV frame firmly. Make sure not to hold the transparent part, speaker, or speaker grille area.



- When transporting the TV, do not expose the TV to jolts or excessive vibration.
- When transporting the TV, keep the TV upright; never turn the TV on its side or tilt towards the left or right.
- Do not apply excessive pressure to cause flexing /bending of frame chassis as it may damage screen.

⚠ CAUTION

- Avoid touching the screen at all times, as this may result in damage to the screen.
- When handling the TV, be careful not to damage the protruding joystick button.

Setting up the TV

⚠ CAUTION

- Do not carry the TV upside-down by holding the stand body (or stand base) as this may cause it to fall off, resulting in damage or injury.
- When attaching the stand to the TV set, place the screen facing down on a cushioned table or flat surface to protect the screen from scratches.

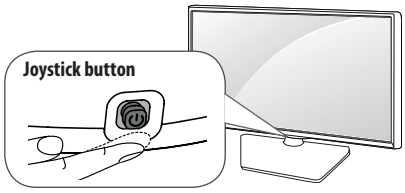
NOTE

- Remove the stand before installing the TV on a wall mount by performing the stand attachment in reverse. (Only MT57D)
- Lift up the latch at the bottom of the stand base and detach the stand base from the TV. (Only MT47*, MT57DC)

Using the joystick button

You can simply operate the TV functions, pressing or moving the joystick button up, down, left or right.

- Image shown may differ from your TV.



Basic functions

	**Power On**	When the TV is turned off, place your finger on the joystick button and press it once and release it.
	**Power Off**	When the TV is turned on, place your finger on the joystick button, press it once for a few seconds and release it. (However, if the menu button is on the screen, pressing and holding the joystick button will let you exit the menu.)

	Volume Control	If you place your finger over the joystick button and move it left or right, you can adjust the volume level you want.
	Programmes Control	If you place your finger over the joystick button and move it up or down, you can scroll through the saved programmes you want.

NOTE

- If you press the joystick button first, you may not adjust the volume level and saved programmes.

CAUTION

- When your finger over the joystick button and push it to the up, down, left or right, be careful not to press the joystick button.

Adjusting the menu

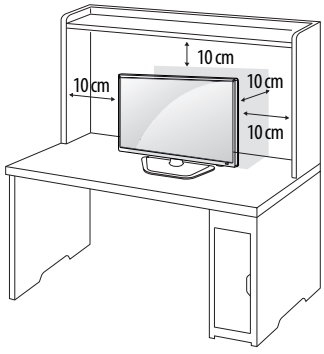
When the TV is turned on, press the joystick button one time. You can adjust the menu items moving the joystick button up, down, left, or right.

⏻	Turns the power off.
⚙	Accesses the main menu.
✕	Clears on-screen displays and returns to TV viewing
⇄	Changes the input source.

Mounting on a table

- Image shown may differ from your TV.

1 Lift and tilt the TV into its upright position on a table.
- Leave a 10 cm (minimum) space from the wall for proper ventilation.



2 Connect the AC-DC Adapter and Power Cord to a wall outlet.

CAUTION

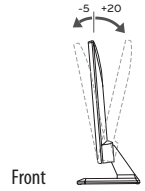
- Do not place the TV near or on sources of heat, as this may result in fire or other damage.
- Please be sure to connect the TV to the AC-DC power adapter before connecting the TV's power plug to a wall power outlet.

Adjusting the angle of the TV to suit view

(Only 22/24/27MT57D, 22/24MT47*)

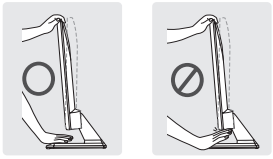
Tilt from +20 to -5 degrees up or down to adjust the angle of the TV to suit your view.

- Image shown may differ from your TV.



CAUTION

- When you adjust the angle, do not hold the buttom of the TV frame as shown on the following illustration, as may injure your fingers.

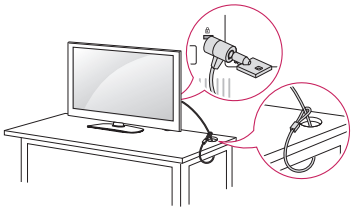


Using the kensington security system

(This is not available for all models.)

- Image shown may differ from your TV.

The Kensington security system connector is located at the rear of the TV. For more information of installation and using, refer to the manual provided with the Kensington security system or visit *http://www.kensington.com*.
Connect the Kensington security system cable between the TV and a table.

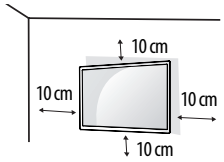


NOTE

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

Mounting on a wall

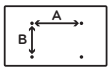
For proper ventilation, allow a clearance of 10 cm on each side and from the wall. Detailed installation instructions are available from your dealer, see the optional Tilt Wall Mounting Bracket Installation and Setup Guide.



If you intend to mount the TV to a wall, attach Wall mounting interface (optional parts) to the back of the TV. When you install the TV using the wall mounting interface (optional parts), attach it carefully so it will not drop.

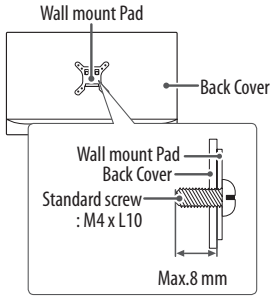
1 If you use screw longer than standard, the TV might be damaged internally.

2 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.

Model	22MT47D 22MT57D 24MT47D 24MT57D 24MT57DC 24MT47V	27MT57D 28MT47D 28MT47V
Wall Mount (A x B) 	75 x 75	100 x 100
Standard screw	M4 x L10	
Number of screws	4	
Wall mount bracket (optional)	RW120	

CAUTION

- Disconnect the power cord first, and then move or install the TV. Otherwise electric shock may occur.
- If you install the TV on a ceiling or slanted wall, it may fall and result in severe injury. Use an authorized LG wall mount and contact the local dealer or qualified personnel.
- Do not over tighten the screws as this may cause damage to the TV and void your warranty.
- Use the screws and wall mounts that meet the VESA standard. Any damages or injuries by misuse or using an improper accessory are not covered by the manufacturer's warranty.
- Screw length from outer surface of back cover should be under 8 mm.



NOTE

- Use the screws that are listed on the VESA standard screw specifications.
- The wall mount kit includes an installation manual and necessary parts.
- The wall mount bracket is not provided. You can obtain additional accessories from your local dealer.
- The length of screws may differ depending on the wall mount. Make sure to use the proper length.
- For more information, refer to the manual supplied with the wall mount.

Connections (Notifications)

Connect various external devices to the TV and switch input modes to select an external device. For more information about an external device's connection, refer to the manual supplied with each device. Available external devices are: HD receivers, DVD players, VCRs, audio systems, USB storage devices, PC, camcorders or cameras, gaming devices, and other external devices.

NOTE

- The external device connection may differ from the model.
- Connect external devices to the TV regardless of the order of the TV port.
- If you record a TV programme on a DVD recorder or VCR, make sure to connect the TV signal input cable to the TV through a DVD recorder or VCR. For more information of recording, refer to the manual provided with the connected device.
- Refer to the external equipment's manual for operating instructions.
- If you connect a gaming device to the TV, use the cable supplied with the gaming device.
- In PC mode, there may be noise associated with the resolution, vertical pattern, contrast or brightness. If noise is present, change the PC output to another resolution, change the refresh rate to another rate or adjust the brightness and contrast on the PICTURE menu until the picture is clear.
- In PC mode, some resolution settings may not work properly depending on the graphics card.

Antenna connection

Connect the TV to a wall antenna socket with an RF cable (75 Ω) (Not Provided).

NOTE

- Use a signal splitter to use more than 2 TVs.
- If the image quality is poor, install a signal amplifier properly to improve the image quality.
- If the image quality is poor with an antenna connected, try to realign the antenna in the correct direction.
- An antenna cable and converter are not supplied.
- Supported DTV Audio: MPEG, Dolby Digital, Dolby Digital Plus, HE-AAC

Antenna Booster
(Depending on model)

• This feature improves the sensitivity to weak RF Signal in poor reception areas. LG's built-in booster is auto-activated at weak signal level. It strengthens signal level and minimizes picture colour noise.

• This feature is auto-controlled by processor and no user intervention required.

Other connections

Connect your TV to external devices. For the best picture and audio quality, connect the external device and the TV with the HDMI cable. Some separate cable is not provided.

- USB port supports 0.5 A electric current. If you need more electric current in case of HDD, use the separate power adaptor.

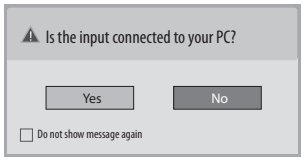
Connecting to a PC

Your TV supports the Plug & Play* feature and has the built-in speakers with Virtual Surround that reproduces sound clearly with a rich bass.

* Plug & Play: The function when a PC recognizes a connected device that users connect to a PC and turn on, without device configuration or user intervention.

NOTE

- If you want to use HDMI-PC mode, you must set the **Input Label** to PC mode.
- The **OSD (On Screen Display)** is displayed on the screen as shown below.
  - When turning the product on in **HDMI** input.
  - When switching to **HDMI** input.



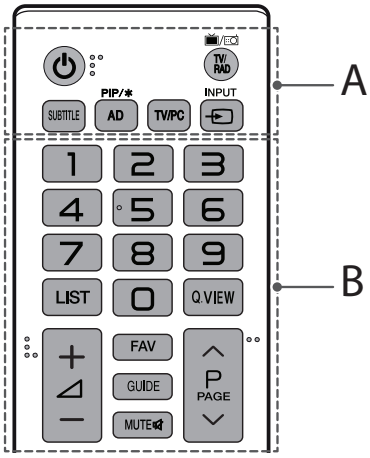
- If you select "**Yes**" the size and image quality are optimised for your PC.
- If you select "**No**" the size and image quality are optimised for the AV device (DVD player, set-top box).
- If you select "**Do not show message again**" this message does not appear until the TV is reset. You can change the set value in **SETTINGS** ▶ **INPUT** ▶ **Input Label**.
- The values set for HDMI1/HDMI2 are saved independently. (Only MT57*)

Remote control

The descriptions in this manual are based on the buttons on the remote control. Please read this manual carefully and use the TV correctly. To replace batteries, open the battery cover, replace batteries (1.5 V AAA) matching the ⊕ and ⊖ ends to the label inside the compartment, and close the battery cover. To remove the batteries, perform the installation actions in reverse.

⚠ CAUTION

- Do not mix old and new batteries, as this may damage the remote control.
- In Analogue TV and some countries, some remote control buttons may not work.



A

⏻ (Power) Turn the power on or off.

TV/RAD Selects Radio, TV and DTV programme.

SUBTITLE Recalls your preferred subtitle in digital mode.

PIP/* Turns the PIP mode on or off. (Depending on model)

AD By pressing the AD button, audio descriptions function will be enabled.

TV/PC Selects TV or PC mode.

INPUT Changes the input source.

B

Number buttons Enters numbers.

LIST Accesses the saved programme list.

Q.VIEW Returns to the previously viewed programme.

+ ◿ − Adjusts the volume level.

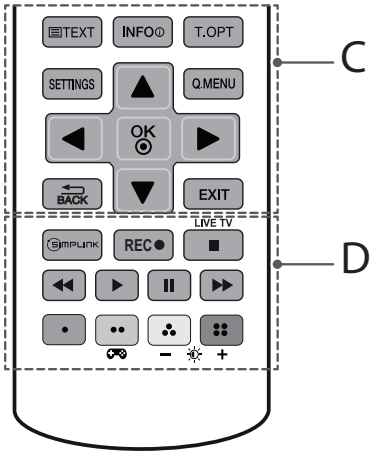
FAV Accesses your favourite programme list.

GUIDE Shows programme guide. (Depending on model)

MUTE Mutes all sounds.

∧P∨ Scrolls through the saved programmes.

∧PAGE∨ Moves to the previous or next screen.



C

Teletext buttons (TEXT / T.OPT) These buttons are used for teletext.

INFO Views the information of the current programme and screen.

SETTINGS Accesses the main menus.

Q.MENU Accesses the quick menus.

Navigation buttons (up/down/left/right) Scrolls through menus or options.

OK Selects menus or options and confirms your input.

BACK Returns to the previous level.

EXIT Clears all on-screen displays and returns to TV viewing.

D

SIMPLINK Accesses the AV devices connected with the HDMI cable through HDMI-CEC. Opens the SIMPLINK menu.

REC ● Starts to record and display record menu.

LIVE TV Returns to LIVE TV.

Control buttons (■, ▶, ❚❚, ◀◀, ▶▶) Controls the MY MEDIA menus, Time Machine Ready control or the SIMPLINK compatible devices (USB, SIMPLINK or Time Machine Ready).

Coloured buttons These access special functions in some menus. (● : Red, ●● : Green, ●●● : Yellow, ●●●● : Blue)

(Gaming mode) Turns the gaming mode on or off.

− ☼ + (Backlight) Adjusts the brightness of the screen by controlling the screen backlight.

NOTE

- On MHEG programme, you cannot adjust the backlight with the yellow or blue key.
- AD(Audio Description Service) may not be available on all models and is also dependant on broadcast service in your country.

Settings

Automatically Setting Up Programme

SETTINGS ⇨ SETUP ⇨ Auto Tuning

Automatically tunes the programmes.

- If Input Source is not connected properly, programme registration may not work.
- **Auto Tuning** only finds programmes that are currently broadcasting.
- If **Lock System** is turned on, a pop-up window will appear asking for password.

To select Picture Mode

SETTINGS ⇨ PICTURE ⇨ Picture Mode

Select the picture mode optimized for the viewing environment or the programme.

- **Vivid :** Heightens contrast, brightness and sharpness to display vivid images.
- **Standard :** Displays images in standard levels of contrast, brightness and sharpness.
- **Eco/APS :** [Depending on model]
  The Energy Saver feature changes settings on the TV to reduce power consumption.
- **Cinema/Game** : Displays the optimum picture for movie, game.
- **Soccer :** Optimised picture mode for football matches. The pitch and kits are presented in vibrant colours, with crystal-clear images even for fast movements.
- **Expert 1, 2 :** Menu for adjusting picture quality that allows experts and amateurs to enjoy the best TV viewing. This is the adjustment menu provided for ISF-certified picture tuning professionals. (ISF logo can only be used on ISF-certified TVs.)
  ISFccc: Imaging Science Foundation Certified Calibration Control
- Depending on input signal, available range of picture modes may differ.
- Expert mode is for picture tuning professionals to control and fine-tune using a specific image. For normal images, the effects may not be dramatic.
- The ISF function is only available on some models.

To set advanced control

SETTINGS ⇨ PICTURE ⇨ Picture Mode ⇨ Advanced Control / Expert Control

Calibrates the screen for each picture mode; or adjusts picture settings for a special screen. First select a **Picture Mode** of your choice.

- **Dynamic Contrast :** Adjusts the contrast to the optimal level according to the brightness of the image.
- **Dynamic Colour :** Adjusts colours to make the image appear in more natural colours.
- **Skin Colour :** Sets Skin colour spectrum separately to implement the skin colour as defined by the user.
- **Sky Colour :** Sky colour is set separately.
- **Grass Colour :** Natural colour spectrum (meadows, hills, etc.) can be separately set.
- **Gamma :** Sets the gradation curve according to the output of picture signal in relation to the input signal.
- **Colour Gamut :** Selects the range of colours that can be expressed.
- **Edge Enhancer :** Shows clearer and distinctive yet natural edges of the video.
- **Expert Pattern :** [Depending on model]
  Patterns used for expert adjustment.
- **Colour Filter :** Filters a specific colour spectrum in RGB colours to fine-tune colour saturation and hue accurately.
- **Colour Temperature :** Adjusts the overall tone of the screen as desired. In Expert mode, detailed fine-tuning can be set via Gamma method, etc.
- **Colour Management System :** This is a system that experts use when they adjust colour with a test pattern. They can select from six colour areas (Red / Green / Blue / Cyan / Magenta / Yellow) without affecting other colours. For normal images, adjustments may not result in noticeable colour changes.
- Depending on input signal or other picture settings, the range of detailed items for adjustment may differ.

To set additional picture options

SETTINGS ⇨ PICTURE ⇨ Picture Mode ⇨ Picture Option

[Depending on model]

Adjusts detailed setting for images.

- **Noise Reduction :** Eliminates noise in the picture.
- **MPEG Noise Reduction :** Eliminates noise generated while creating digital picture signals.
- **Black Level :** Adjusts the brightness and contrast of the screen to suit the black level of the input picture by using the blackness (black level) of the screen.
- **Real Cinema :** Optimizes the screen for movie viewing.
- **Motion Eye Care :** Saves power consumption by adjusting the brightness corresponding to the movement of the image on the screen.
- Depending on input signal or other picture settings, the range of detailed items for adjustment may differ.

To use Gaming Mode

SETTINGS ⇨ PICTURE ⇨ Gaming Mode

[Available only for RGB/HDMI-PC]
This mode allows you to optimize the picture quality for games.

- **DAS Mode** : [Depending on model]
  This mode minimizes the time taken to display the video signal received from the input device to ensure faster gameplay. (The screen will flicker when turning **DAS Mode On** or **Off**.)
  - DAS : Dynamic Action Sync
- **Black Stabilizer** : Objects can be seen more clearly on a dark screen by adjusting the black levels. Increasing the **Black Stabilizer** value brightens the low gray levels on the screen. (You can easily distinguish objects on a dark game screen.) Reducing the **Black Stabilizer** value darkens the low gray levels and increases the dynamic contrast on the screen.

  - You can configure the detailed settings for **Gaming Mode** using the button on the remote control.

- When you set the **Gaming Mode** to **On**, **Picture Mode** is set to **Game**, and you cannot change it to a different **Picture Mode**.
- You can set **DAS Mode** only when the frequency for vertical input is 50 Hz / 60 Hz.
- When PIP is turned on, the **DAS Mode** is unavailable. (Depending on model)

To use Energy Saving feature

SETTINGS ⇨ PICTURE ⇨ Energy Saving

Reduces power consumption by adjusting screen brightness.

- **Off :** Turns off the Energy Saving mode.
- **Minimum / Medium / Maximum :** Applies the pre-set Energy Saving mode.
- **Screen Off :** Screen is turned off and only sound is played. Press any button except Power button on the remote control to turn the screen back on.

To use TV speaker

SETTINGS ⇨ AUDIO ⇨ Sound Out ⇨ TV Speaker

[Depending on model]
Sound is output through the TV speaker.

To use Headphone

SETTINGS ⇨ AUDIO ⇨ Sound Out ⇨ Headphone

[Depending on model]
Sound is output through the headphone connected to the earphone/ headphone port.

To synchronize audio and video

SETTINGS ⇨ AUDIO ⇨ AV Sync. Adjust

[Depending on model]
Synchronizes video and audio directly when they do not match.

- If you set **AV Sync. Adjust** to **ON**, you can adjust the sound output (TV speakers) to the screen image.

To use SIMPLINK

[Depending on model]
SIMPLINK is a feature that enables you to control and manage various multimedia devices conveniently via the SIMPLINK menu.

1 Connect the TV's **HDMI IN** terminal and the SIMPLINK device's HDMI output terminal using an HDMI cable.

2 Select **INPUT ⇨ SIMPLINK**.
SIMPLINK menu window appears.

3 In SIMPLINK Setting window, set SIMPLINK function to **ON.**

4 In SIMPLINK menu window, selects the device you want to control.

- This function is only compatible with devices with the SIMPLINK logo.
- To use the SIMPLINK function, you need to use a high-speed HDMI® cable (with CEC (Consumer Electronics Control) feature added). High-speed HDMI® cables have the No. 13 pin connected for information exchange between devices.
- If you switch to another input, the SIMPLINK device will stop.
- If a third-party device with the HDMI-CEC function is also used, the SIMPLINK device may not work normally.
- If you select or play media from a the device with a home theatre function, the **HT Speaker(Speaker)** is automatically connected.

SIMPLINK function description

- **Direct Play :** Plays the multimedia device on the TV instantly.
- **Select multimedia device :** Selects the desired device via the SIMPLINK menu to control it from the TV screen instantly.
- **Disc playback :** Manages the multimedia device with the TV remote control.
- **Power off all devices :** When you power off the TV, all connected devices are turned off.
- **Sync Power on :** When the equipment with SIMPLINK function connected HDMI terminal starts to play, the TV will automatically turn on.

To set password

SETTINGS ⇨ LOCK ⇨ Set Password
Sets or changes the TV password.
The initial password is set to '0000'.

To return Factory Reset

SETTINGS ⇨ OPTION ⇨ Factory Reset
All stored information is deleted and TV settings are reset.
The TV turns itself off and back on, and all settings are reset.

- When **Lock System** is in place, a pop-up window appears and asks for password
- Do not turn off the power during initialization.

To remove the USB device

Q.MENU ⇨ USB Device

Select a USB storage device that you want to remove.
When you see a message that the USB device has been removed, separate the device from the TV.

- Once a USB device has been selected for removal, it can no longer be read. Remove the USB storage device and then re-connect it.

Using a USB storage device - warning

- If the USB storage device has a built-in auto recognition program or uses its own driver, it may not work.
- Some USB storage devices may not work or may work incorrectly.
- Use only USB storage devices formatted with the Windows FAT32 or NTFS File System.
- For external USB HDDs, it is recommended that you use devices with a rated voltage of less than 5 V and a rated current of less than 500 mA.
- It is recommended that you use USB memory sticks of 32 GB or less and USB HDDs of 2 TB or less.
- If a USB HDD with power-saving function does not work properly, turn the power off and on. For more information, refer to the user manual of the USB HDD.
- Data in the USB storage device can be damaged, so be sure to back up important files to other devices. Data maintenance is the user's responsibility and the manufacturer is not responsible for data loss.

My Media supporting file

- Maximum data transfer rate : 20 Mbps (Mega bit per second)
- External supported subtitle formats : *.srt (SubRip), *.smi (SAMI), *.sub (SubViewer, MicroDVD, DVDsubtitleSystem, SubIdx(Vobsub)), *.ass/*.ssa (SubStation Alpha), *.txt (TMplayer), *.psb (PowerDivX)
- Internal supported subtitle formats: *.dat/*.mpg/*.mpeg/*.vob (DVD Subtitle), *.ts/*.tp/*.m2ts/ (DVB Subtitle), *.mp4 (DVD Subtitle, UTF-8 Plain Text), *.mkv (ASS, SSA, UTF-8 Plain Text, Universal Subtitle Format, VobSub, DVD Subtitle), *.divx/*.avi (XSUB[1], XSUB+)
  XSUB[1] Supports internal subtitles generated from DivX6

Supported Video Formats

- Maximum: 1920 x 1080 @ 30p (only Motion JPEG 640 x 480 @ 30p)
- .asf, .wmv
  [Video] MPEG-2, MPEG-4 Part2, DivX3.11, DivX4, DivX5, DivX6, XViD, H.264/AVC, VC1(WMV3, WVC1), MP43
  [Audio] WMA Standard, WMA9(Pro), MP3, AAC, AC3, MP3, 3D WMV Single Stream
- .divx, .avi
  [Video] MPEG-2, MPEG-4 Part2, DivX3.11, DivX4, DivX5, DivX6, XViD, H.264/AVC
  [Audio] HE-AAC, LPCM, ADPCM, MPEG- 1 Layer I, MPEG-1 Layer II, Dolby Digital, MPEG-1 Layer III (MP3), *DTS
- .ts, .trp, .tp, .mts, .m2ts
  [Video] H.264/AVC, MPEG-2, AVS, VC1
  [Audio] MPEG-1 Layer I, MPEG-1 Layer II, MPEG-1 Layer III (MP3), Dolby Digital, Dolby Digital Plus, AAC, HE-AAC, *DTS
- .vob
  [Video] MPEG-1, MPEG-2
  [Audio] Dolby Digital, MPEG-1 Layer I, MPEG- 1 Layer II, DVD-LPCM
- .mp4, .m4v, .mov
  [Video] MPEG-2, MPEG-4 Part2, DivX3.11, DivX4, DivX5, DivX6, XVID, H.264/AVC
  [Audio] AAC, MPEG-1 Layer III (MP3), *DTS
- .mkv
  [Video] MPEG-2, MPEG-4 Part2, DivX3.11, DivX4, DivX5, DivX6, XVID, H.264/AVC
  [Audio] HE-AAC, Dolby Digital, MPEG-1 Layer III (MP3), *DTS, LPCM
- motion JPEG
  [Video] MJPEG
  [Audio] LPCM, ADPCM
- .mpg, .mpeg, .mpe
  [Video] MPEG-1, MPEG-2
  [Audio] MPEG-1 Layer I, MPEG-1 Layer II, Dolby Digital, LPCM
- dat
  [Video] MPEG-1, MPEG-2
  [Audio] MP2
- flv
  [Video] Sorenson H.263, H.264/AVC
  [Audio] MP3, AAC, HE-AAC
- *rm, *rmvb
  [Video] RV30, RV40
  [Audio] Dolby Digital, AAC, HE-AAC, RA6(Cook)
- 3gp, 3gp2
  [Video] H.264/AVC, MPEG-4 Part2
  [Audio] AAC, AMR(NB/WB)
- *DTS / *rm / *rmvb : Depending on model

Supported Audio Formats

- File type : mp3
  [Bit rate] 32 Kbps - 320 Kbps
  [Sample freq.] 16 kHz - 48 kHz
  [Support] MPEG1, MPEG2, Layer2, Layer3
- File Type : AAC
  [Bit rate] Free Format
  [Sample freq.] 8 kHz ~ 48 kHz
  [Support] ADIF, ADTS
- File Type : M4A
  [Bit rate] Free Format
  [Sample freq.] 8 kHz ~ 48 kHz
  [Support] MPEG-4
- File Type : WMA
  [Bit rate] 128 Kbps ~ 320 Kbps
  [Sample freq.] 8 kHz ~ 48 kHz
  [Support] WMA7, WMA8, WMA9 Standard
- File Type : WMA 10 Pro
  [Bit rate] ~ 768 Kbps
  [Channel / Sample freq.]
  M0 : up to 2 Channel @ 48 kHz
  (Except LBR mode),
  M1 : up to 5.1 Channel @ 48 kHz,
  M2 : up to 5.1 Channel @ 96 kHz
  [Support] WMA 10 Pro
- File Type : OGG
  [Bit rate] Free Format
  [Sample freq.] ~ 48 kHz
  [Support] OGG Vorvis

Supported Photo Formats

- Category : 2D (jpeg, jpg, jpe)
  [Available file type] SOF0: Baseline,
  SOF1 : Extend Sequential,
  SOF2 : Progressive
  [Photo size] Minimum : 64 x 64,
  Maximum : Normal Type: 15360 (W) x 8640 (H),
  Progressive Type : 1920 (W) x 1440 (H)
- Category : BMP
  [Photo size] Minimum : 64 x 64, Maximum : 9600 x 6400
- Category : PNG
  [Available file type] Interlace, Non-Interlace
  [Photo size] Minimum : 64 x 64, Maximum : Interlace : 1200 x 800, Non-Interlace : 9600 x 6400
- BMP and PNG format files may be slower to display than JPEG.

To see web manual

To obtain detailed User Guide information, please visit *www.lg.com*.

Maintenance

Cleaning your TV

Clean your TV regularly to keep the best performance and to extend the product lifespan.

- Make sure to turn the power off and disconnect the power cord and all other cables first.
- When the TV is left unattended and unused for a long time, disconnect the power cord from the wall outlet to prevent possible damage from lightning or power surges.

Screen, frame, cabinet, and stand

To remove dust or light dirt, wipe the surface with a dry, clean, and soft cloth.
To remove major dirt, wipe the surface with a soft cloth dampened in clean water or a diluted mild detergent. Then wipe immediately with a dry cloth.

- Avoid touching the screen at all times, as this may result in damage to the screen.
- Do not push, rub, or hit the surface with your fingernail or a sharp object, as this may result in scratches on the screen and image distortions.
- Do not use any chemicals as this may damage the product.
- Do not spray liquid onto the surface. If water enters the TV, it may result in fire, electric shock, or malfunction.

Power cord

Remove the accumulated dust or dirt on the power cord regularly.

Preventing "Image burn" or "Burn-in" on your TV screen

- If a fixed image displays on the TV screen for a long period of time, it will be imprinted and become a permanent disfigurement on the screen. This is "image burn" or "burn-in" and not covered by the warranty.
- If the aspect ratio of the TV is set to 4:3 for a long period of time, image burn may occur on the letterboxed area of the screen.
- Avoid displaying a fixed image on the TV screen for a long period of time (2 or more hours for LCD) to prevent image burn.

Troubleshooting

Cannot control the TV with the remote control.

- Check the remote control sensor on the product and try again.
- Check if there is any obstacle between the product and the remote control.
- Check if the batteries are still working and properly installed (⊕ to ⊕, ⊖ to ⊖).

No image display and no sound is produced.

- Check if the product is turned on.
- Check if the power cord is connected to a wall outlet.
- Check if there is a problem in the wall outlet by connecting other products.

The TV turns off suddenly.

- Check the power control settings. The power supply may be interrupted.
- Check if the **Automatic Standby**(Depending on model) / **Sleep Timer** / **Off Time** is activated in the **TIME** settings.
- If there is no signal while the TV is on, the TV will turn off automatically after 15 minutes of inactivity.

When connecting to the PC (HDMI/RGB), 'No signal' or 'Invalid Format' is displayed.

- Turn the TV off/on using the remote control.
- Reconnect the HDMI/RGB cable.
- Restart the PC with the TV on.

If TV is turned off automatically.

- If **On Time** is enabled, the TV will be turned on at the specified time. If you do not operate the TV for two hours, the TV will be turned off automatically.
- To disable this function, use your remote control to go to **SETTINGS** ⇨ **TIME** ⇨ **Auto Off(On Time)** ⇨ **Off**.

Specifications

Product specifications may be changed without prior notice due to upgrade of product functions.
For the power supply and power consumption, refer to the label attached to the product.

Models	Dimensions (W x H x D) (mm)		Weight (kg)		Power requirement
	With stand	Without stand	With stand	Without stand	
22MT47D	507.6 x 365.4 x 158.7	507.6 x 316.5 x 52.7	2.9	2.75	19 V ⎓ 1.6 A
24MT47D	556.0 x 393.8 x 158.7	556.0 x 345.2 x 53.1	3.6	3.4	19 V ⎓ 1.6 A
28MT47D	641.5 x 445.4 x 171.0	641.5 x 396.3 x 57.5	4.7	4.5	19 V ⎓ 2.0 A
22MT57D	507.6 x 410.5 x 198.2	507.6 x 316.5 x 75.5	3.1	2.8	19 V ⎓ 1.6 A
24MT57D	554.9 x 437.2 x 198.2	554.9 x 343.3 x 74.8	3.8	3.6	19 V ⎓ 2.0 A
27MT57D	642.0 x 488.5 x 222.7	642.0 x 394.5 x 75.0	5.0	4.7	19 V ⎓ 2.0 A
24MT57DC	554.9 x 383.1 x 140.6	554.9 x 343.3 x 55.5	3.5	3.3	19 V ⎓ 1.6 A
24MT47V	556.0 x 393.8 x 158.7	556.0 x 345.2 x 53.1	3.6	3.4	19 V ⎓ 1.6 A
28MT47V	641.5 x 445.4 x 171.0	641.5 x 396.3 x 57.5	4.7	4.5	19 V ⎓ 2.0 A

AC/DC Adapter

22MT47D / 24MT47D / 22MT57D / 24MT57DC / 24MT47V	24MT57D / 27MT57D / 28MT47D / 28MT47V
Manufacturer : Lien Chang Model : LCAP21A Manufacturer : Honor Model : ADS-40SG-19-3 19032G	Manufacturer : Lien Chang Model : LCAP21C Manufacturer : Honor Model : ADS-45SN-19-3 19040G
In : AC 100 – 240 V ~ 50/60 Hz Out : DC 19 V ⎓ 1.7 A	In : AC 100 – 240 V ~ 50/60 Hz Out : DC 19 V ⎓ 2.1 A

Environment condition

- -Operating Temperature : 0 °C to 40 °C
- -Operating Humidity : Less than 80 %
- -Storage Temperature : -20 °C to 60 °C
- -Storage Humidity : Less than 85 %

MT47D, MT57D, MT57DC

	Digital TV	Analogue TV
Television system	DVB-T	PAL B/B, PAL B/G, PAL D/K, PAL-I SECAM B/G, SECAM D/K, NTSC-M
Programme coverage	VHF, UHF	VHF, UHF, CATV
Maximum number of storable programmes	1500	
External antenna impedance	75 Ω	

MT47V

	Digital TV	Analogue TV
Television system	DVB-T/T2	PAL B/B, PAL B/G, PAL D/K, PAL-I, SECAM B/G, SECAM D/K, NTSC-M
Programme coverage	VHF, UHF	VHF, UHF, CATV
Maximum number of storable programmes	1500	
External antenna impedance	75 Ω	

RGB (PC) / HDMI (PC) supported mode

22/24/27MT57D, 22MT47D

Resolution	Horizontal Frequency (kHz)	Vertical Frequency (Hz)
720 x 400	31.468	70.080
640 x 480	31.469 37.500	59.940 75.000
800 x 600	37.879 46.875	60.317 75.000
1024 x 768	48.363	60.004
1024 x 768 (Only HDMI(PC))	56.476	70.069
1024 x 768	60.023	75.029
1152 x 864	67.500	75.000
1280 x 720	45.000	60.000
1280 x 800	49.702	59.810
1280 x 1024	63.981 79.976	60.020 75.025
1400 x 1050	65.317	59.978
1440 x 900	55.935	59.887
1600 x 900	60.000	60.000
1680 x 1050	64.674 65.290	59.883 59.954
1920 x 1080	67.500	60.000

24/28MT47*

Resolution	Horizontal Frequency (kHz)	Vertical Frequency (Hz)
720 x 400	31.468	70.080
640 x 480	31.469 37.500	59.940 75.000
800 x 600	37.879 46.875	60.317 75.000
1024 x 768	48.363 60.023	60.004 75.029
1280 x 800	49.702	59.810
1366 x 768	47.717	59.79

NOTE

- The optimal display resolution
  - 22/24/27MT57D, 22MT47D: 1920 x 1080 @ 60 Hz.
  - 24/28MT47*: 1366 x 768 @ 60 Hz.
- The optimal timing in each mode is vertical frequency 60 Hz.

HDMI (PC) supported mode

24MT57DC

Resolution	Horizontal Frequency (kHz)	Vertical Frequency (Hz)
720 x 400	31.468	70.080
640 x 480	31.469 37.500	59.940 75.000
800 x 600	37.879 46.875	60.317 75.000
1024 x 768	48.363 56.476 60.023	60.004 70.069 75.029
1152 x 864	67.500	75.000
1280 x 720	45.000	60.000
1280 x 800	49.702	59.810
1280 x 1024	63.981 79.976	60.020 75.025
1400 x 1050	65.317	59.978
1440 x 900	55.935	59.887
1600 x 900	60.000	60.000
1680 x 1050	64.674 65.290	59.883 59.954
1920 x 1080	67.500	60.000

NOTE

- The optimal display resolution
  - 24MT57DC: 1920 x 1080 @ 60 Hz.
- The optimal timing in each mode is vertical frequency 60 Hz.

HDMI (DTV) supported mode

Resolution	Horizontal Frequency (kHz)	Vertical Frequency (Hz)
720 x 480	31.469	59.940
	31.5000	60.000
720 x 576	31.250	50.000
1280 x 720	37.500	50.000
	44.960	59.940
	45.000	60.000
1920 x 1080	33.720	59.940
	33.750	60.000
	28.125	50.000
	27.000	24.000
	33.750	30.000
	56.250	50.000
	67.430	59.940
	67.500	60.000

Component supported mode

Resolution	Horizontal Frequency (kHz)	Vertical Frequency (Hz)
720 x 480	15.730	59.940
	15.750	60.000
	31.470	59.940
	31.500	60.000
720 x 576	15.625	50.000
	31.250	50.000
1280 x 720	44.960	59.940
	45.000	60.000
	37.500	50.000
1920 x 1080	33.720	59.940
	33.750	60.000
	28.125	50.000
	56.250	50.000
	67.432	59.940
	67.500	60.000

Component port connecting information

Component ports on the TV	Y	P_B	P_R

Video output ports on DVD player	Y	P_B	P_R
	Y	B-Y	R-Y
	Y	Cb	Cr
	Y	Pb	Pr

Environmental information

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 product.

Information for recycling

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

LGE. handles all waste product through an environmentally acceptable recycling method. There are several take-back and recycling systems currently in 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.lg.com/global/sustainability/environment/take-back-recycling.jsp

INDIA only



Disposal of your old appliance

1. 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.
2. The correct disposal of your old appliance will help prevent potential negative consequences for the environment and human health.
3. To locate a nearest collection centre or call for pick-up (limited area only) for disposal of this appliance, please contact Toll Free No. 1800-180-9999 for details. All collection centre and pick up facilities are done by third parties with LG Electronics India Pvt. Ltd. Merely as a facilitator. For more detailed information , please visit : *http://www.lge.com/in*.

पर्यावरणीय जानकारी



अपने पुराने निपटान के उपकरण

१. सभी इलेक्ट्रिकल और इलेक्ट्रोनिक्स उत्पादों को सरकार या स्थानीय अधिकारीयों द्वारा नियुक्त नग रपालिका अपशिस्ट धारा से अलग प्राधिकृत की गयी संग्रह सुविधाओं के माध्यम से निपटाया जाना चाहि ए.

२. सही तरीके से अपने पुराने उपकरणों का निपटान, वातावरण के लिए संभावित नकरात्मक परिणामो को रोकने में मदद करेगा.

३. उपरोक्त पदार्थो के निपटारन के लिए नजदीकी निपटारन संसथान (संकीर्ण क्षेत्र)में कॉल करें। अधिक जानकारी के लिए हमारे टोल फ्री नंबर 1800-180-9999 पर कॉल करें. सभी संग्रहण केंद्र व पिक-अप की सुविधाएं किसी थर्ड- पार्टी जो "LG Electronics India Pvt. Ltd. "को अपनी सेवाएं प्रदान कर रही हों, से करवाएं । ज्यादा जानकारी के लिए देखें वेब:साईट - *http://www.lge.com/in*



Make sure to read the Safety Precautions before using the product. Keep the Owner's Manual in an accessible place for future reference.The model and serial numbers of the TV are located on the back and on one side of the TV. Record them below should you ever need service.

MODEL _____

SERIAL _____