

WATCHING TV

Turning the TV on for the first time

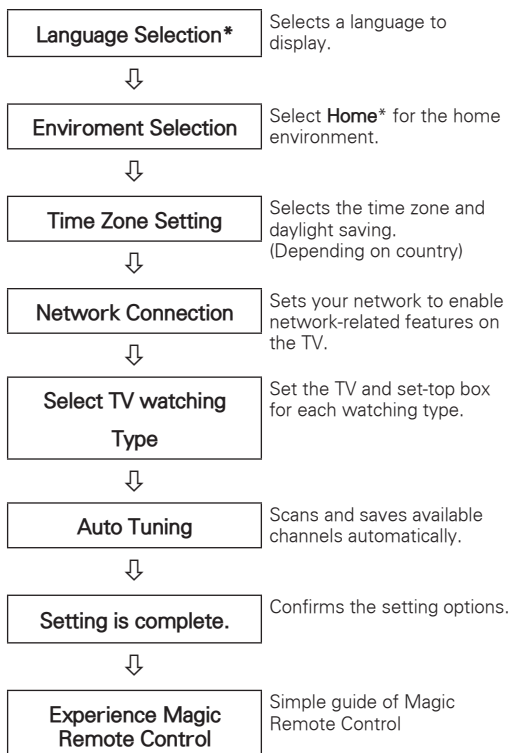
When you turn the TV on for the first time, the Initial setting screen appears. Select a language and customize the basic settings.

- 1 Connect the power cord to a power outlet.
- 2 In Standby mode, press the power button on the remote control to turn the TV on.
The Initial setting screen appears if you turn the TV on for the first time.

! NOTE

- You can also access **Initial Setting** by accessing **OPTION** in the main menu.

- 3 Follow the on-screen instructions to customize your TV settings according to your preferences.



! NOTE

- Select **Home*** when prompted. **Store*** mode puts the TV in demo mode.
- If you select **Store***, the any customized settings will switch back to the default settings of **Store*** in 5 minutes.
- The Standby light feature is disabled in Store Demo mode.

- 4 When the basic settings are complete, press the **Wheel** (OK).

! NOTE

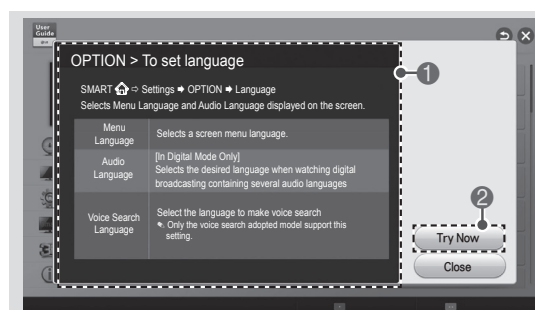
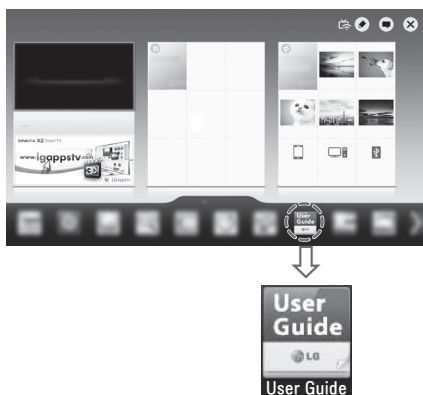
- If you do not complete the Initial setting, it will appear whenever the TV turns on.
- Disconnect the power cord from the power outlet when you do not use the TV for a long period of time.

- 5 To turn the TV off, press the power button on the remote control.

USING THE USER GUIDE

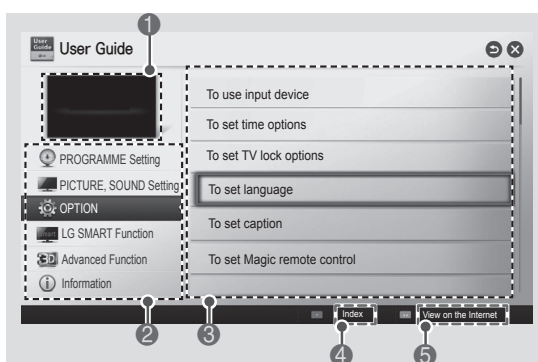
User Guide allows you to easily access detailed TV information.

- 1 Press **SMART** (house icon) button to access the Smart Home menus.
- 2 Select **User Guide** and press the **Wheel(OK)** button.



- | | |
|---|--|
| 1 | Shows the description of the selected menu. You can use ▲ / ▼ to move between pages. |
| 2 | Moves to the selected menu directly from the User Guide. |

ENGLISH



- | | |
|---|--|
| 1 | Shows the video you were watching. (Depending on country) |
| 2 | Guide categories. |
| 3 | List of topics in the current category. You can use ▲ / ▼ button to move between pages. |
| 4 | An index of key words present in the User Guide. |
| 5 | Provides the detailed information on the functions of LG Smart TV when the Internet is connected. (It may not be available depending on the country/language.) |

SPECIFICATIONS

Product specifications may be changed without prior notice due to upgrade of product functions.

Power requirement		AC 100 - 240 V ~ 50 / 60 Hz
Television System		Analog : NTSC-M, DTV : DVB-T
Program Coverage		VHF 2-13, UHF 14-69, CATV 1-125, DTV 14-69
External Antenna Impedance		75 Ω
Environment condition	Operating Temperature	0 - 40 °C
	Operating Humidity	Less than 80 %
	Storage Temperature	-20 - 60 °C
	Storage Humidity	Less than 85 %

MODELS		47LA6900 (47LA6900-UD)	50LA6900 (50LA6900-UE)
		47LA6950 (47LA6950-UD)	50LA6950 (50LA6950-UE)
Dimensions (W x H x D)	With stand	1063 x 697 x 269 (mm)	1112 x 720 x 292 (mm)
	Without stand	1063 x 627 x 34.5 (mm)	1112 x 713 x 34.5 (mm)
Weight	With stand	16.7 kg	19 kg
	Without stand	14.6 kg	17.3 kg
Current Value / Power consumption		1.2 A / 120 W	TBD

MODELS		55LA6900 (55LA6900-UD)
		55LA6950 (55LA6950-UD)
Dimensions (W x H x D)	With stand	1233 x 793 x 316 mm
	Without stand	1233 x 723 x 34.7 mm
Weight	With stand	22.8 kg
	Without stand	20.0 kg
Current Value / Power consumption		1.4 A / 140 W

MODELS		47LA7400 (47LA7400-UD)	55LA7400 (55LA7400-UD)
Dimensions (W x H x D)	With stand	1063 x 697 x 269 (mm)	1233 x 793 x 316 mm
	Without stand	1063 x 627 x 34.5 (mm)	1233 x 723 x 34.7 mm
Weight	With stand	16.7 kg	22.8 kg
	Without stand	14.6 kg	20.0 kg
Current Value / Power consumption		1.2 A / 120 W	1.4 A / 140 W

MODELS		60LA7400 (60LA7400-UA)
Dimensions (W x H x D)	With stand	1352 x 854 x 316 (mm)
	Without stand	1352 x 794 x 59.9 (mm)
Weight	With stand	27.6 kg
	Without stand	24.8 kg
Current Value / Power consumption		TBD

HDMI (DTV) supported mode

Resolution	Horizontal Frequency (kHz)	Vertical Frequency (Hz)
720X480	31.469 31.50	59.94 60.00
1280X720	44.96 45.00	59.94 60.00
1920X1080	33.72 33.75 26.97 27.000 33.716 33.75 67.43 67.500	59.94 60.00 23.97 24.000 29.976 30.00 59.94 60

Component supported mode

Resolution	Horizontal Frequency (kHz)	Vertical Frequency (Hz)
720x480i	15.73 15.73	59.94 60.00
720x480p	31.47 31.50	59.94 60
1280x720p	44.96 45.00	59.94 60.00
1920x1080i	33.72 33.75	59.94 60.00
1920x1080p	26.97 27.00 33.71 33.75 67.432 67.500	23.976 24.00 29.97 30.00 59.94 60.00

Component port connecting information

Component ports on the TV	Y	PB	PR
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Video output ports on DVD player	Y	PB	PR
	Y	B-Y	R-Y
	Y	Cb	Cr
	Y	Pb	Pr

HDMI (PC) supported mode

Resolution	Horizontal Frequency (kHz)	Vertical Frequency (Hz)
640 x 480	31.469	59.94
800 x 600	37.879	60.31
1024 x 768	48.363	60.00
1152 x 864	54.348	60.053
1360 x 768	47.712	60.015
1280 x 1024	63.981	60.020
1920 x 1080	67.5	60.00

Wireless LAN module (WN8122E1) specification

Standard	IEEE802.11a/b/g/n
Frequency Range	2400 to 2483.5 MHz 5150 to 5250 MHz 5725 to 5850 MHz
Output Power (Max.)	802.11a: 16.5 dBm 802.11b: 16 dBm 802.11g: 15.5 dBm 802.11n - 2.4GHz: 15.5 dBm 802.11n - 5GHz: 16.5 dBm

- Because band channel used by the country could be different, the user can not change or adjust the operating frequency and this product is set for the regional frequency table.
- Contains FCC ID: BEJWN8122E1 / Contains IC: 2703H-WN8122E1

Bluetooth module (BM-LDS401) specification

(For LA6250 series)

Standard	Bluetooth Version 3.0
Frequency Range	2400 ~ 2483.5 MHz
Output Power (Max.)	10 dBm or lower

- Contains FCC ID: BEJLDS401 / Contains IC: 2703H-LDS401

3D supported mode (For 3D TV)

- Video, which is input as below media contents is switched into the 3D screen automatically.

3D supported mode automatically				
Input	Signal	Horizontal Frequency (kHz)	Vertical Frequency (Hz)	Playable 3D video format
HDMI	1080p	54.00	24	F/P, L/A
		67.50	30	
		27.00	24	
		33.75	30	
		67.50	60	
	1080i	67.50	60	F/P, F/A
		33.75		S/S, T&B, S/S Full
	720p	90.00		F/P, L/A
		45.00		S/S, T&B, S/S Full
	480p	63.00		F/P, L/A
		31.50		T/B, S/S, S/S Full
USB	1080p	33.75	30	S/S, T&B, C/B, MPO(Photo)
DLNA				
	Playable 3D video format			
DTV	Dual Stream			

S/S : Side by Side , T/B : Top & Bottom, F/P : Frame Packing, F/A : Field Alternative
 L/A : Line Alternative, S/S Full :Side by Side Full, C/B : Checker Board
 R/I : Row Interleaving, C/I: Column Interleaving, F/S : Single Frame Sequential

3D supported mode manually		
Input	Signal	Playable 3D video format
TV	-	2D to 3D, S/S, T&B
ATV(CVBS)	-	
Component	-	
HDMI-PC	1080p	2D to 3D, S/S, T&B, C/B, R/I, C/I (60Hz : F/S)
	Others	2D to 3D, S/S, T&B
HDMI-DTV	Interlace	2D to 3D, S/S, T&B
	Progressive	2D to 3D, S/S, T&B, C/B, R/I, C/I (60Hz : F/S)
USB / DLNA (Movie)	704 x 480p (Over)	2D to 3D, S/S, T&B, C/B, R/I, C/I (60Hz : F/S)
	704 x 480i (Over)	2D to 3D, S/S, T&B
	704 x 480 (Under)	2D to 3D
USB / DLNA (Photo)	320 x 240 (Over)	2D to 3D, S/S, T&B
	320 x 240 (Under)	2D to 3D
Miracast™ / WiDi	1024 x 768p	2D to 3D, S/S, T&B
	1280 x 720p	
	1920 x 1080p	
	Others	2D to 3D

EXTERNAL CONTROL DEVICE SETUP

To obtain the external control device setup information, please visit 'www.lg.com'.

MAINTENANCE

Cleaning Your TV

Clean your TV regularly to keep it at peak performance and to extend the product lifespan.



CAUTION

- Before Cleaning, turn the power off and disconnect the power cord and all other cables.
- When the TV is left unattended or 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.



CAUTION

- 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, such as waxes, benzene, alcohol, thinners, insecticides, air fresheners, lubricants, as these may damage the screen's finish and cause discoloration.
- 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.

ENGLISH

TROUBLESHOOTING

Problem	Solution
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 Auto sleep feature 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.

CHILD SAFETY:

It Makes A Difference How and Where
You Use Your Flat Panel Display

Congratulations on your purchase! As you enjoy your new product, please keep these safety tips in mind:



THE ISSUE

- The home theater entertainment experience is a growing trend and larger flat panel displays are popular purchases. However, flat panel displays are not always supported on the proper stands or installed according to the manufacturer's recommendations.
- Flat panel displays that are inappropriately situated on dressers, bookcases, shelves, desks, speakers, chests or carts may fall over and cause injury.

THIS MANUFACTURER CARES!

- The consumer electronics industry is committed to making home entertainment enjoyable and safe.

TUNE INTO SAFETY

- One size does NOT fit all. Follow the manufacturer's recommendations for the safe installation and use of your flat panel display.
- Carefully read and understand all enclosed instructions for proper use of this product.
- Don't allow children to climb on or play with furniture and television sets.
- Don't allow place flat panel displays on furniture that can easily be used as steps, such as a chest of drawers.
- Remember that children can become excited while watching a program, especially on a "larger than life" flat panel display. Care should be taken to place or install the display where it cannot be pushed, pulled over, or knocked down.
- Care should be taken to route all cords and cables connected to the flat panel display so that they cannot be pulled or grabbed by curious children.

WALL MOUNTING: IF YOU DECIDE TO WALL MOUNT YOUR FLAT PANEL DISPLAY, ALWAYS:

- Use a mount that has been recommended by the display manufacturer and/or listed by an independent laboratory (such as UL, CSA, ETL).
- Follow all instructions supplied by the display and wall mount manufacturers.
- If you have any doubts about your ability to safely install your flat panel display, contact your retailer about professional installation.
- Make sure that the wall where you are mounting the display is appropriate. Some wall mounts are not designed to be mounted to walls with steel studs or old cinder block construction. If you are unsure, contact a professional installer.
- A minimum of two people are required for installation. Flat panel displays can be heavy



 **CEA**
Consumer Electronics Association
www.CE.org/safety

) Federal Communications Commission(FCC) Statement

You are cautioned that changes or modifications not expressly approved by the part responsible

for compliance could void the user's authority to operate the equipment.

This equipment has been tested and found to comply with the limits for 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 off and on, the user is encouraged to try to correct the

interference by one or more of the following measures:

- . Reorient or relocate the receiving antenna.
- . Increase the separation between the equipment and 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.

This device complies with Part 15 of the FCC Rules.

Operation is subject to the following two conditions:

- 1) this device may not cause harmful interference, and
- 2) this device must accept any interference received, including interference that may cause undesired operation of the device.

Indoor use only

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

Caution: Exposure to Radio Frequency Radiation.

1. This device and its antenna must not be co-located or operating in conjunction with any other antenna or transmitter.
2. This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.



The model and serial number of the TV is located on the back and one side of the TV.
Record it below should you ever need service.

MODEL _____

SERIAL _____

LG Customer Information Center

For inquiries or comments, visit www.lg.com or call;

1-800-243-0000 USA, Consumer User

1-888-865-3026 USA, Commercial User

1-888-542-2623 CANADA

Register your product Online!

www.lg.com



This product qualifies for ENERGY STAR in the "factory default (Home Use)" setting.

Changing the factory default settings or enabling other features may increase power consumption that could exceed the limits necessary to qualify for ENERGY STAR.