LG
Life's Good

OWNER'S MANUAL

LED LCD TV / LCD TV PLASMA TV

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

LCD TV MODELS		LED LCD TV MODELS			PLASMA TV MODELS	
32LD550	47LD650	32LE5400	42LE5500	47LE8500	50PK750	50PZ540
42LD550	55LD650	42LE5400	47LE5500	55LE8500	60PK750	60PZ540
46LD550		47LE5400	55LE5500	42LX6500		50PZ550
52LD550		55LE5400	42LE7500	47LX6500		60PZ550
60LD550		42LE5350	47LE7500	55LX6500		
		47LE5350	55LE7500			

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QUICK MENU

Your TV's OSD (On Screen Display) may differ slightly from what is shown in this manual.
Q.Menu (Quick Menu) is a menu of features which users might use frequently.

◄ Aspect Ratio ►

16:9

◄● Exit
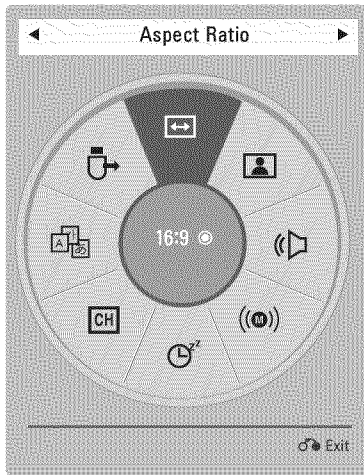
↔ **Aspect Ratio**: Selects your desired picture format.

👤 **Picture Mode**: Selects the desired preset picture setting.

◁ **Sound Mode**: Selects the desired preset sound setting.

(◎) **Multi Audio**: Changes the audio language (Digital signal).

(◎) **SAP**: Selects MTS sound (Analog signal).

σᶻ **Sleep Timer**: Select the amount of time before your TV turns off automatically.

CH **Del/Add**: Select channel you want to add or delete.

A⑦ **Caption**: Select on or off.

Ḡ**USB Device**: Select "Eject" in order to eject a USB device.

1
Q.MENU ⟨ ▢ ⟩ or Q.MENU ⟨ ▢ ⟩   Display each menu.

2
ENTER ●   ▢   Make appropriate adjustments.

3
EXIT ⌐   Return to TV viewing.

CUSTOMER SUPPORT

Software Update

You can update the TV with the latest software to enhance the product operation and/or add new features.

You can update the software by connecting the TV directly to the software update server.

The Software Update function may not work properly depending on your internet environment. In this case, you can obtain the latest software from the authorized LG Electronics Service Center then update your TV.

☑ Software Update
☐ Picture Test
☐ Sound Test
☐ Product/Service Info.
☐ Network Test
Close

➡

Software Update	On
• Current Version	
01.00.09	
Check Update Version	
Close	

1 MENU · RED or Home · RED   Select **Customer Support**.
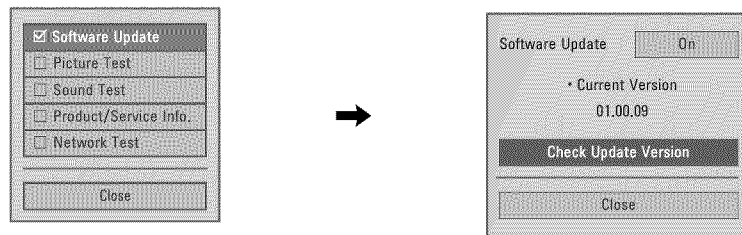
2 ENTER   Select **Software Update**.

3 ENTER   Select **Check Update Version** to check the newest version.

When selecting "**Software Update-On**"

- If the TV is connected to the internet and it finds a software update on the LG server, the update popup menu will appear automatically.

- If the updated digital software information is transmitted, the update popup menu will appear automatically.

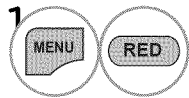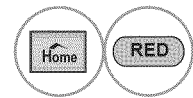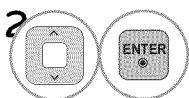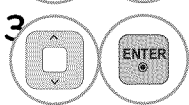- ▪ The software downloading time will vary depending on the software size and network conditions.
- ▪ During the software update procedure, do not turn off the TV or disconnect AC power, or disconnect the LAN cable.
- ▪ After software update, you can confirm the update software version at software Update menu.
- ▪ When update is completed, the TV will restart automatically in 5 seconds.
- ▪ The TV functions may be improved or changed by software update.
- ▪ The available time or functionality of NetCast menu may be depends on your ISP network conditions.
- ▪ When an update is completed, some CHANNEL, PICTURE, and AUDIO menu settings may need resetting.
- ▪ This TV cannot be updated to previous software version.
- ▪ Use the "Check Update Version" button to update the latest software on the Network server manually.
- ▪ You cannot open NetCast while the software is being updated.

Picture Test/Sound Test

This function is a customer support function that can execute picture and sound tests.

☐ Software Update		? Do you have a problem in this test screen?
☑ **Picture Test**	➡	
☐ Sound Test		Yes No
☐ Product/Service Info.		
☐ Network Test		
Close		

☐ Software Update		? Do you have a sound problem in this screen?
☐ Picture Test		
☑ **Sound Test**	➡	Yes No
☐ Product/Service Info.		
☐ Network Test		
Close		

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1 (MENU) (RED) or (Home) (RED) Select **Customer Support**.
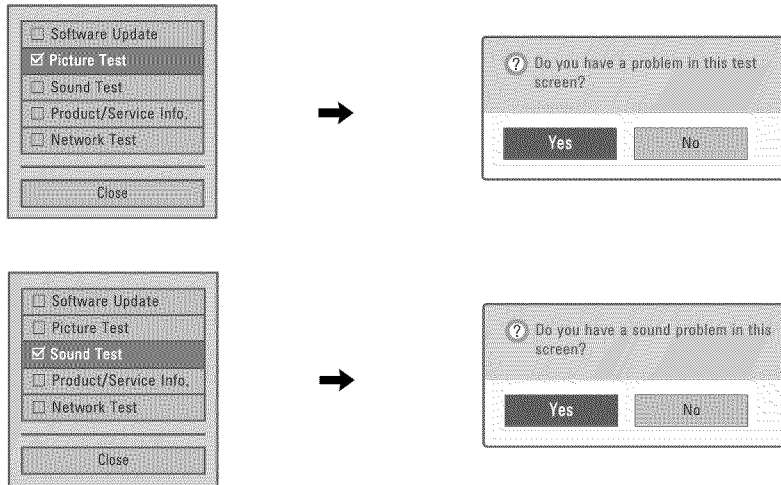
2 (☐) (ENTER) Select **Picture Test** or **Sound Test**.

3 (☐) (ENTER) Select **Yes**.
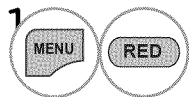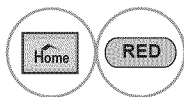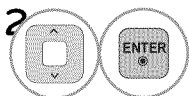
4 (BACK) Return to the previous menu.

(EXIT) Return to TV viewing.

Product/Service Info.
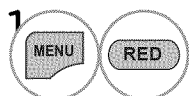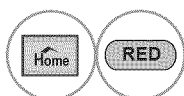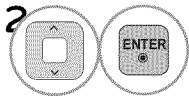
This function shows support and product information.
Customer Service Center can differ by country.

1 [MENU] [RED] or [Home] [RED]   Select **Customer Support**.

2 [^ □ ˅] [ENTER]   Select **Product/Service Info.**.
You can check the various product/Service infomation based on your model.

3 [BACK]   Return to the previous menu.

[EXIT]   Return to TV viewing.

Network Test

Check the newtwork status.

- ☐ Software Update
- ☐ Picture Test
- ☐ Sound Test
- ☐ Product/Service Info.
- ☑ Network Test
- Close

→

Network Status
TV
Gateway   Network connecting
DNS
Internet

Setting   Test   Close

1 [MENU] [RED] or [Home] [RED]   Select **Customer Support**.
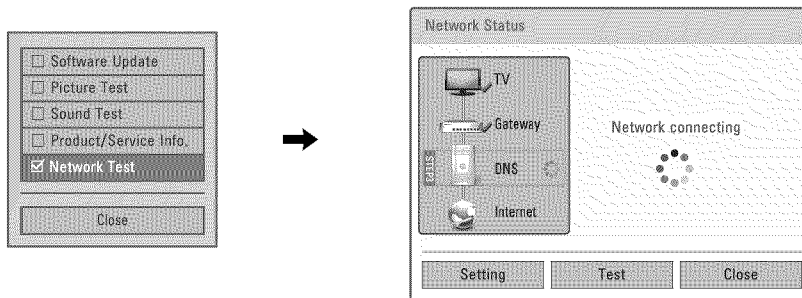
2 [^ □ ˅] [ENTER]   Select **Network Test**.

3 [ENTER]   Check the newtwork status.

SIMPLE MANUAL (Except 50/60PZ540, 50/60PZ550)

You can easily and effectively access the TV information by viewing a simple manual on the TV.
During the Simple Manual operation, audio will be muted.

1 (MENU)(GREEN) or (Home)(GREEN) Select **Simple Manual**.

2 Select the part of the manual you would like to see.

(RED) Go to the **Index** page.

(BLUE) Play the **Simple Manual** automatically or manually.

3 (EXIT) Return to TV viewing.

CHANNEL SETUP

Auto Scan (Auto Tuning)

Automatically finds all channels available through antenna or cable inputs, and stores them in memory on the channel list.

Run this function if you change your residence or move the TV.

Auto Tuning memorizes only the channels available at the time.

1. MENU or Home < > Select **CHANNEL**.
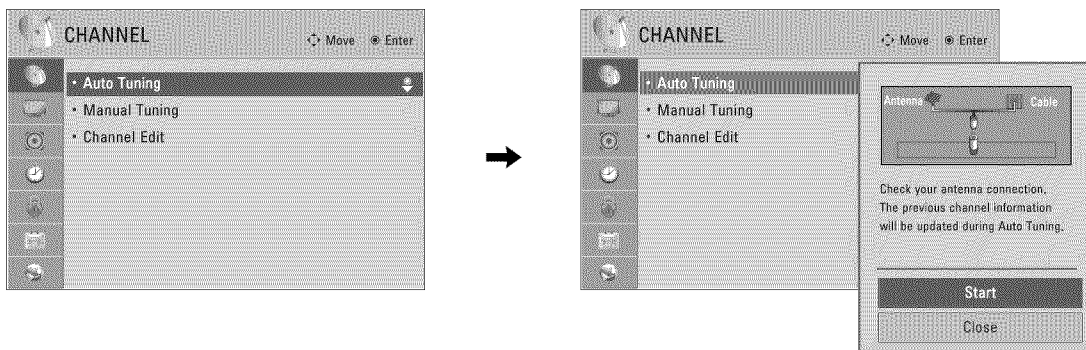
2. ENTER Select **Auto Tuning**.

3. ENTER Select **Start**.

4. ENTER Run **Auto tuning**.

5. BACK Return to the previous menu.

EXIT Return to TV viewing.

- The TV will ask for a password if parental control has been activated (LOCK Menu). Use the password you set up in the LOCK Menu to allow a channel search.
- The maximum number of channels the TV can store is 1000.
- Found channels are grouped in the order of DTV, TV, Cable DTV and Cable TV.

Add/Delete Channel (Manual Tuning)

When selecting DTV or Cable DTV input signal in **Manual Tuning**, you can view the on-screen signal strength monitor to see the quality of the signal being received.

CHANNEL   ◇ Move   ◉ Enter
- Auto Tuning
- **Manual Tuning**
- Channel Edit

➡

CHANNEL   ◇ Move   ◉ Enter
- Auto Tuning
- **Manual Tuning**
- Channel Edit

◄   **DTV**   ►
Select channel type and RF-channel number.

Channel   2

DTV 2-1
- Signal Strength
        88%
- Signal Quality
        88%

Delete

Close

---

1 (MENU)(⌄) or (Home)(⌄) Select **CHANNEL**.

2 (ENTER)(⌄) Select **Manual Tuning**.

3 (ENTER)(‹ ›) Select **DTV**, **TV**, **Cable DTV**, or **Cable TV**.

4 (⌄)(‹ ›) Select channel you want to add or delete.

5 (⌄)(ENTER) Select **Add** or **Delete**.
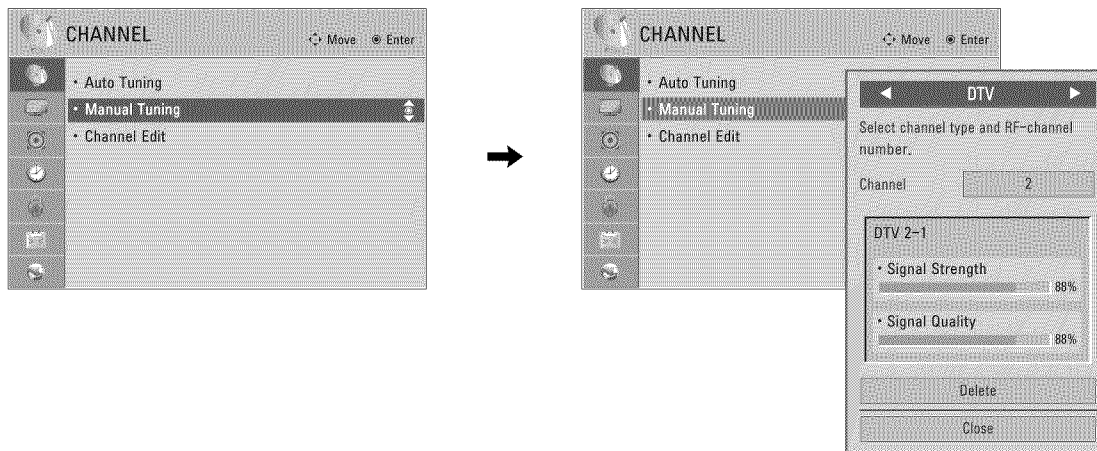
6 (BACK) Return to the previous menu.

(EXIT) Return to TV viewing.

> ▪ The TV will ask for a password if parental control has been activated (LOCK Menu). Use the password you set up in the LOCK Menu to allow a channel search.
> ▪ The maximum number of channels the TV can store is 1000.

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Channel Editing

The channels in the Channel Edit List are displayed in black and the channels deleted from the Channel Edit List are displayed in blue.

When a channel number is deleted, it means that you will be unable to select it using CH ∧ ∨ button during TV viewing. If you wish to select the deleted channel, directly enter the channel number with the NUMBER buttons or select it in the Channel Edit menu.

CHANNEL	○ Move ◉ Enter
• Auto Tuning	
• Manual Tuning	
• Channel Edit	

Channel Edit Favorite Group : A   Page 1/1

DTV | TV | Cable DTV | Cable TV

3-1   5-1   7-1

⊕ CH.Change   Favorite Ch.   Favorite Ch. Group   Previous
○ Navigation   CH Page Change   Block/Unblock   Add/Delete

---

1 MENU ○ or Home ○   Select **CHANNEL**.
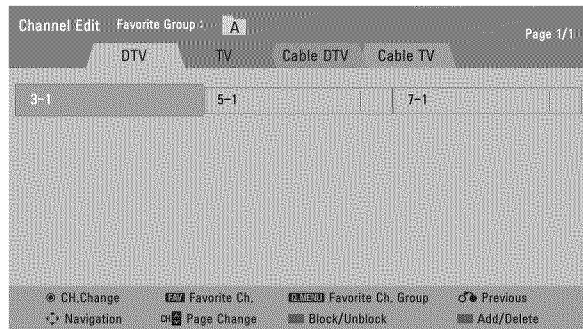
2 ENTER ○   Select **Channel Edit**.

3 ENTER ○   Select a channel.

4 BLUE   Add or delete a channel.

YELLOW   Block or unblock the channel.
You can block/unblock channels even if you select "Lock system-Off" in the LOCK menu.

ENTER ○   Switch to the chosen channel number.

CH ○   Move the pages when the channel list is too long.

5 BACK   Return to the previous menu.

EXIT   Return to TV viewing.

> ▪ Keep pressing the ∧ button and use the ⟨ or ⟩ buttons to move between DTV, TV, Cable DTV and Cable TV.

FAVORITE CHANNEL SETUP

Favorite Channels are a convenient feature that lets you quickly select channels of your choice without waiting for the TV to select all the in-between channels.

1 CH or 1 2 3 / 4 5 6 / 7 8 9 / 0   Select your desired channel.

2 MARK FAV CHAR/NUM   Select your desired favorite channel group from A to D.

3 YELLOW   Register or cancel the current channel in favorite channel list.

BLUE   Go to the "**CHANNEL** menu - **Channel Edit**".

4 EXIT   Return to TV viewing.

> ▦ You can also setup **Favorite List** in the **CHANNEL** menu - **Channel Edit**.

FAVORITE CHANNEL LIST

Displaying the favorite channel list

1 MARK FAV CHAR/NUM   Display the Favorite channel list.

Selecting a channel in the favorite channel list

1 Select a channel.

2 ENTER   Switch to the chosen channel number.

Paging through a favorite channel list

1 CH   Turn the pages.

2 EXIT   Return to TV viewing.

CHANNEL LIST

You can check which channels are stored in the memory by displaying the channel list.

Channel List	🕐 Exit
📺 3-1	🔒 ↕
📺 4-1	
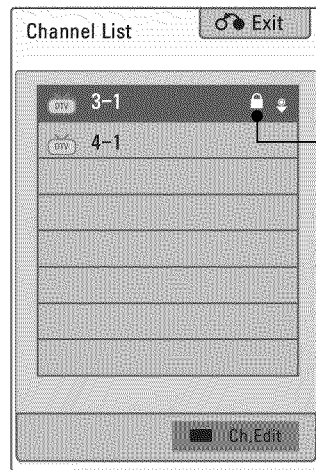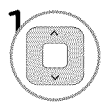
This padlock is displayed when the channel is locked with parental control.

Displaying Channel List

1 (LIST) Display the **Channel List**.

(BLUE) Tune to the "**CHANNEL** menu - **Channel Edit**".

Selecting a channel in the channel list

1 Select a channel.

2 (ENTER) Switch to the chosen channel number.

Paging through a channel list

1 (CH) Turn the pages.

2 (EXIT) Return to TV viewing.

CHANNEL INFORMATION

DTV 8-1 CNN   ↕ Ch. Change   ▶ Next   ◉ Watch

Brief Info Title Test...

10:10 AM ▭▭▭▭▭▭▭ 11:40 AM ⓓ Multilingual ▯▯▯ 🄲🄲 Caption ▮▮▮ 1080i 🔒 TV-PG D L S V

No information
Sarah Bradley, Steve Gray and Brendon Pongia present the latest in fashion, the arts, entertainment, lifestyle and cooking, with regular and special guests.
Sarah Bradley, Steve Gray and Brendon Pongia present the latest in fashion, the arts, entertainment, lifestyle and cooking,

Up
Down
▼

Displaying Channel Information

1 (INFO ⓘ) Show the current channel program Information on the screen.

2 (◀ ▢ ▶) Show a previous or next channel's program information

3 (EXIT ⌐) Return to TV viewing.

CHANNEL BRIEF INFORMATION

Brief Info shows the present screen information.

1 (ENTER) Shows the current channel's brief info screen.

2 (ENTER) Return to TV viewing.

| ⑥ | ③ | ① ④⑤ | ② |

📺 DTV	**8**-1	Brief Info Title Test...	Sun, Feb 21, 2010 10: 40 AM
DOLBY DIGITAL HD		10:10 AM ═══════════ 11:40 AM ⓓ Multilingual CC Caption 16:9 1080i 🔒 TV-PG D L S V
CNN		Next - 11:40 AM News

Multilingual : The program contains two or more audio services. Use the **Q.MENU** menu to select wanted Audio.

Caption : The program contains one or more caption services. Use the **Q.MENU** menu to select wanted Closed caption.

Dolby Digital: The program contains a Dolby Digital audio signal in TV and HDMI input source.

The original aspect ratio of the video is 4:3

The original aspect ratio of the video is 16:9 (wide)

The video resolution is 720x480i
The video resolution is 720x480p
The video resolution is 1280x720p
The video resolution is 1920x1080i
The video resolution is 1920x1080p

V-Chip: The program contains V-Chip information. Refer to the LOCK menu: A (Age), D (Dialogue), L (Language), S (Sex), V (Violence), FV (Fantasy Violence)

① Program title
② Day, Month, Year, Present time
③ Program start time
④ Program progress bar
⑤ Program finish time
⑥ Banner information

INPUT LIST

Only these input signals which are connected to a TV can be activated and selected.

Input List					◆ Move ⊙ Enter
TV	USB1	USB2	AV 1	AV 2	Component1
Component2	RGB-PC	HDMI1	HDMI2	HDMI3	HDMI4
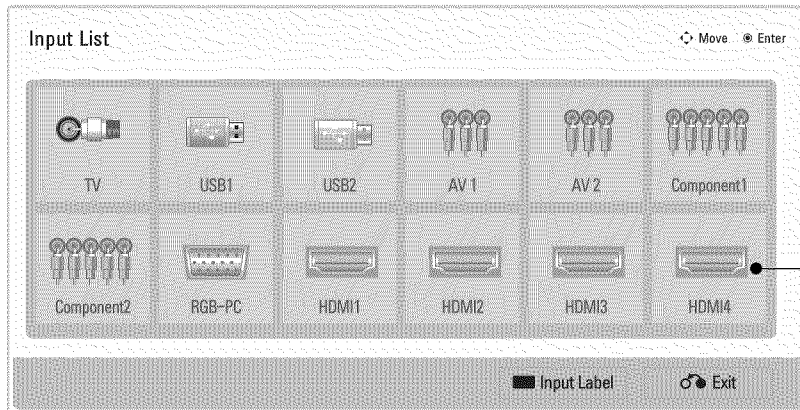
Disconnected inputs are inactive (grayed out)

■ Input Label   ♂ Exit

---

1 INPUT / ⌃ ⌄ ENTER
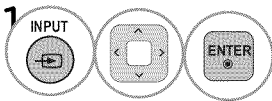
Select the desired input source.
■ You can also select the desired input source in the **INPUT** menu.

■ When new external device is connected, this popup menu is displayed automatically.
  If selecting **Yes**, you can select input source that you want to appreciate.
■ But, when selecting "**SIMPLINK** - **On**", popup menu for HDMI input will not be displayed.

New external input is connected.
Do you want to use this?
AV1

Yes   No
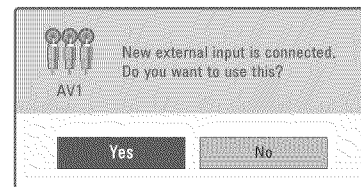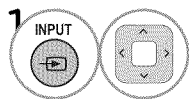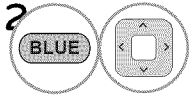
■ **TV**: Select it to watch over-the-air, cable and digital cable broadcasts.
■ **USB**: Select it to use movie, photo, or music files.
■ **AV**: Select them to watch a VCR or other external equipment.
■ **Component**: Select them to watch DVD or a Digital set-top box.
■ **RGB-PC**: Select it to view PC input.
■ **HDMI**: Select them to watch high definition devices.

INPUT LABEL

This indicates which device is connected to which input port.
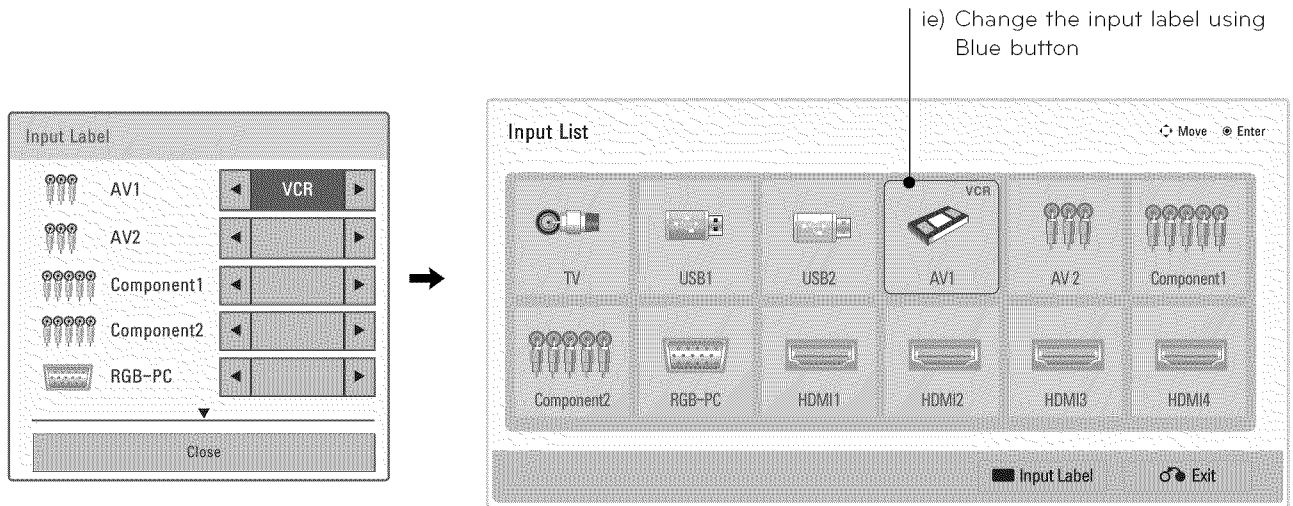
ie) Change the input label using Blue button

Input Label		Input List	⟨⟩ Move ⦿ Enter
👤👤👤 AV1	◄ VCR ►		VCR
👤👤👤 AV2	◄ ►	TV USB1 USB2 AV1 AV 2 Component1
👤👤👤👤👤 Component1	◄ ►	
👤👤👤👤👤 Component2	◄ ►	Component2 RGB-PC HDMI1 HDMI2 HDMI3 HDMI4
🔲 RGB-PC	◄ ►	
▼		
Close		▬ Input Label ♂♀ Exit

WATCHING TV / CHANNEL CONTROL

1 INPUT / 〈▢〉 Select the desired input source.

2 BLUE / 〈▢〉 Select the label.

3 BACK Return to the previous menu.

EXIT Return to TV viewing.

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RESET TO FACTORY DEFAULT (INITIAL SETTING)

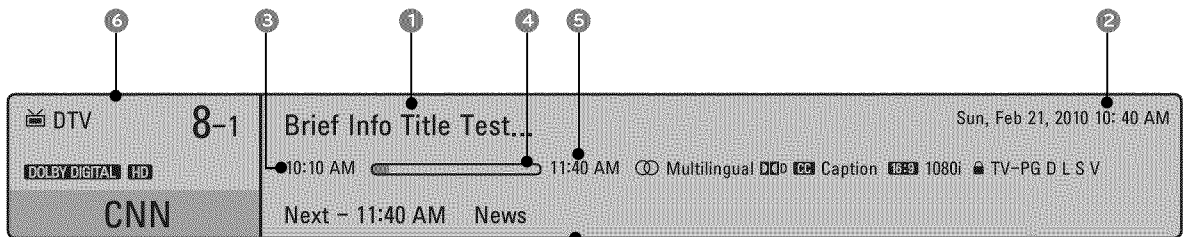This function resets the TV to factory default and erases all stored channels.

OPTION	◆ Move ⊛ Enter
• Language	
• Caption	: Off
• Power Indicator	
• **Initial Setting**	
• Set ID	: 1
• Mode Setting	: Home Use

➡️

OPTION	◆ Move ⊛ Enter
• Language	
• Caption	: Off
• Power Indicator	
• **Initial Setting**	
• Set ID	: 1
• Mode Setting	: Home U

⚠ All user settings and channel settings will be reset. Still continue?

Yes   No

---

1 (MENU) or (Home) ◆ Select **OPTION**.

2 (ENTER) Select **Initial Setting**.

3 (ENTER) Select **Yes**.

4 (ENTER) TV turns off automatically and starts factory reset.

▧ When selecting "**Lock System - On**" in the LOCK menu, the message to enter the password appears.
▧ If you forget your password, press "0-3-2-5" on the remote control.

MODE SETTING

Default selection is "**Home Use**". We recommend setting the TV to "**Home Use**" mode for the best picture in your home environment.

OPTION

- Language
- Caption   : Off
- Power Indicator
- Initial Setting
- Set ID   : 1
- **Mode Setting   : Home Use**

OPTION

- Language
- Caption   : Off
- Power Indicator
- Initial Setting
- Set ID   : 1
- **Mode Setting   : Home Use**

Selecting the environment.
Choose the setting mode you want.

Select [Home Use] when setting TV up in-home. You can adjust picture quality accordingly through Picture Mode menu option.

Home Use   Store Demo
Demo Mode   Off
Close

Except 50/60PK750, 32LD550

1   or   Select **OPTION**.

2   Select **Mode Setting**.

3   Select **Home Use**.

4   Return to the previous menu.

Return to TV viewing.

- "**Store Demo**" Mode is only intended for use in retail environments. Customers can adjust the "**Picture** menu - **Picture mode**" manually while inspecting the TV, but the TV will automatically return to preset in-store mode after 5 minutes.

- "**Store Demo**" Mode is an optimal setting for displaying at stores. "Store Demo" mode initializes the TV to set the image quality.

DEMO MODE

Displays a slide show to explain the various feature of this TV.

1. (MENU) or (Home) Select **OPTION**.

> ▪ This feature is disabled in "**Home Use**".

2. (ENTER) Select **Mode Setting**.

3. (ENTER) Select **Store Demo**.

4. (ENTER) Select **On**.

5. (EXIT) Return to TV viewing.
After a while, **Demo Mode**. starts.
If you want to stop the demo, press any button (Except VOL +, - and MUTE button).

AV MODE

AV Mode toggles through preset Video and Audio settings.

Off → Cinema / **THX** Cinema

Game ← Sport

Press the **AV MODE** button repeatedly to select the desired source.
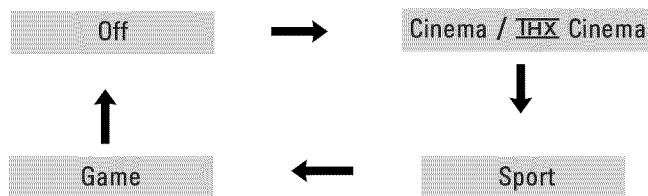
■ If you select "**Cinema / THX Cinema**" in AV mode, **Cinema / THX Cinema** will be selected both for "PICTURE menu - Picture Mode" and "AUDIO menu - Sound Mode" respectively.
■ If you select "**Off**" in AV mode, the "**Picture Mode**" and "**Sound Mode**" return to previous selected value.
■ **Off**: Disables the AV MODE.
■ **Cinema / THX Cinema**: Optimizes video and audio for watching movies.
■ **Sport**: Optimizes video and audio for watching sports events.
■ **Game**: Optimizes video and audio for playing games.
  When playing a video game using PlayStation or Xbox, it is recommended to use the **Game** mode.
  When in **Game** mode, functions related to picture quality will be optimized for playing games.

GAME

Allows you to enjoy the games installed on the TV.

GAME

JUMP   HOLE IN ONE   WHACK A MOLE   SUDOKU   COOKING BURGER

SAVING CRYSTAL   INVADER   URGENT SURVIVAL

[Exit

or Select **GAME**.

Select the desired game.

 Enter the selected game mode.

Return to TV viewing.

SIMPLINK

SIMPLINK allows you to control and play other AV devices connected with HDMI cable without additional cables and settings. This TV may work with devices with HDMI-CEC support, but only devices with the ⓢimPLinK logo are fully supported.
SIMPLINK can be turned on and off in the user menus.
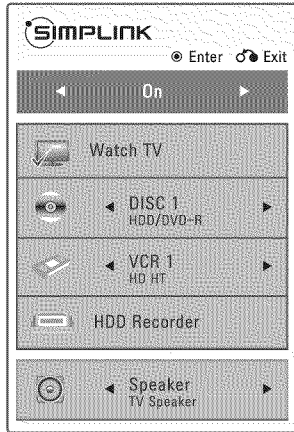
Display **SIMPLINK** menu.

Select **On**.

Select the desired device.

Control connected AV devices.

① **TV viewing**: Switch to the previous TV channel regardless of the current mode.
② **DISC playback**: Select and play discs. When multiple discs are available, the disc devices are conveniently displayed at the bottom of the screen.
③ **VCR playback**: Control the connected VCR.
④ **HDD Recordings playback**: Control recordings stored in HDD.
⑤ **Audio Out to Home Theater speaker/ Audio Out to TV**: Select Home Theater speaker or TV speaker for Audio Out.
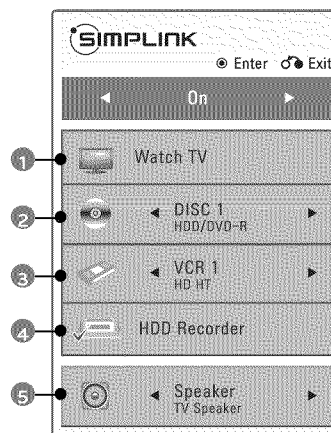
► When no device is connected (displayed in gray)
► Selected Device
► When a device is conected (displayed in bright color)

SIMPLINK Functions

▪ **Direct Play:** After connecting AV devices to the TV, you can directly control the devices and play media without additional settings.
▪ **Select AV device:** Enables you to select one of the AV devices connected to the TV.
▪ **Disc playback:** Control connected AV devices by pressing the ∧∨<>, **ENTER**, ►, ▇, ‖, ◀◀ and ▶▶ buttons.
▪ **Power off all devices:** When you power off the TV, all connected devices are turned off.

▪ **Switch audio-out:** Offers an easy way to switch audio-out.
▪ **Sync Power on:** When the equipment with Simplink function connected HDMI terminal starts to play, The TV will automatically turn on.
Note: To operate SIMPLINK, an High Speed HDMI cable with *CEC function should be used. (*CEC: Consumer Electronics Control).
(A device, which is connected to the TV through a HDMI cable but does not support SIMPLINK, does not provide this function)

❶ NOTE

► Connect the HDMI/DVI IN or HDMI IN terminal of the TV to the rear terminal (HDMI terminal) of the SIMPLINK device with the HDMI cable
► When you switch the Input source with the INPUT button on the remote control, the SIMPLINK device will stop.
► When you select a device with home theater functionality, the sound output automatically switches to the home theater speakers and the TV speakers are turned off.
► If a connected SIMPLINK home theater system doesn't play the audio from the TV, connect the DIGITAL AUDIO OUT terminal on the back of the TV to the DIGITAL AUDIO IN terminal on the back of the SIMPLINK device with an OPTICAL cable.

3D IMAGING (FOR 42/47/55LX6500, 50/60PZ540, 50/60PZ550)

3D TECHNOLOGY

This TV can display in 3D via 3D broadcasting or when the TV is connected to a compatible device, such as a Blu-ray 3D Player. You need such a device to watch the TV in 3D. The 3D TV displays two separate pictures formatted for each eye. The viewer needs to wear 3D glasses in order to see these images in 3D format.

Viewing 3D Imaging

When using 3D Glasses

3D Imaging viewing range

TV size, viewing angle & other circumstances may change the viewing distance and the angle of view.

Viewing Distance	2 m - 10 m (6.5 ft - 32.8 ft)
Viewing Angle	120° (When the viewing distance is 2 m (6.5 ft))
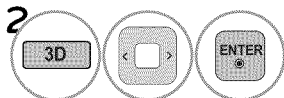
3D IMAGING

WATCHING 3D IMAGING (For 42/47/55LX6500)

1 Play the video produced in 3D.
Refer to the following for the supported imaging.

Signal	Resolution	Horizontal Frequency (kHz)	Vertical Frequency (Hz)	Playable 3D video format
HDMI Input 720p	1280x720	45.00	60	Top & Bottom, Side by Side HDMI 3D Frame Packing
1080i		33.75	60	Top & Bottom, Side by Side
	1920X1080	67.50		Top & Bottom, Side by Side, Checker Board Single Frame Sequential
1080p		27.00	24	Top & Bottom, Side by Side, Checker Board HDMI 3D Frame Packing
		33.75	30	Top & Bottom, Side by Side Checker Board
USB Input 1080p	1920X1080	33.75	30	Top & Bottom, Side by Side Checker Board, MPO (Photo)

Signal	Playable 3D video format
DTV 720p, 1080i	Top & Bottom, Side by Side

Media contents and a player need to support HDMI 3D Frame Packing to play in 3D.
Video, which is input as HDMI 3D Frame Packing format, is switched into the 3D screen automatically.

2 After selecting the shape as shown in the screen on TV,
wear the 3D glasses.

To turn on 3D Mode, select this icon.

◀▶Move   ⦿Enter   ⬜ Exit

Top & Bottom   Side by Side   Checker Board   Frame Sequential

3 (↕) (ENTER) or (L/R SELECT) Select **Setting Left/Right**.

Put on 3D glasses.
Sit 2 meters from TV to enjoy the best 3D view.
(To select more comfortable view for you, change to left/right image of glasses with ■ button.)

● Enter

■ Setting Left/Right

3D End 3D Video

4 (↕) (ENTER) Select **Left/Right** or **Right/Left**.
Select the screen with 3D video with better visibility.

■ Setting Left/Right

☑ Left/Right
☐ Right/Left

3D End 3D Video

⏻ Exit
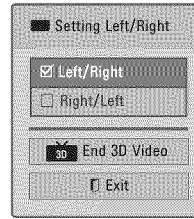
5 (3D) The 3D imaging mode is changed to the 2D imaging mode.

❶ NOTE

▶ If you select 3D mode, "Power indicator" is turned off automatically.
▶ While watching 3D imaging, you cannot adjust video/audio settings using the menu.
▶ Some menus may not work while watching the TV in 3D.
▶ You can only choose "Standard → Cinema → Game" with the **AV MODE** button on remote control. **AV Mode** is set as **Standard** while playing in 3D.
▶ The 3D imaging mode is disabled automatically when switching DTV channels.
▶ The screen may not be displayed properly if you view 2D DTV images in 3D imaging mode.
▶ 3D effect can be seen when 3D Mode is selected appropriately for the 3D input signal supplied to the TV.
▶ For *mpo files (3D camera files), the 3D imaging mode is enabled automatically.
▶ Energy Saving is disabled while playing in 3D.

NOTES FOR VIEWING 3D IMAGE WITH 3D BROADCASTING (* In Analog TV, 3D Imaging does not work.)

When switching the 2D image display to the 3D image display with the **3D** button on the remote control, the overlapped image may be displayed.	▪ Disable the 3D imaging mode with the 3D button. ▪ The 3D imaging mode is disabled automatically if you change the channel.
If the screen is divided into left/right or top/bottom when you change the channel	▪ This channel supports the 3D imaging mode. Select the 3D imaging type displayed on the screen by pressing the 3D button on the remote control.
If your eyes are soaring or the screen looks blurry while viewing 3D images	▪ Press the **L/R SELECT** button on the remote control and select L/R or R/L, which you find better for viewing 3D images.
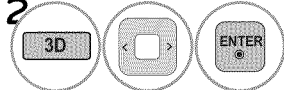
WATCHING 3D IMAGING (For 50/60PZ540, 50/60PZ550)

1 Play the video produced in 3D.
Refer to the following for the supported imaging.

Signal	Resolution	Horizontal Frequency (kHz)	Vertical Frequency (Hz)	Playable 3D video format
HDMI Input				
720p	1280x720	45.00	60	Top & Bottom, Side by Side HDMI 3D Frame Packing
1080i		33.75		Top & Bottom, Side by Side
1080p	1920x1080	67.50		Top & Bottom, Side by Side, Checker Board Single Frame Sequential
		27.00	24	Top & Bottom, Side by Side, Checker Board HDMI 3D Frame Packing
		33.75	30	Top & Bottom, Side by Side Checker Board
USB Input 1080p	1920x1080	33.75	30	Top & Bottom, Side by Side Checker Board, MPO (Photo)
RGB-PC Input 1080p	1920x1080	66.587	59.93	Top & Bottom, Side by Side
Component 720p	1280x720	45.00	60	Top & Bottom, Side by Side
1080i	1920x1080	33.75	60	

Signal	Playable 3D video format
DTV 720p, 1080i	Top & Bottom, Side by Side

Media contents and a player need to support HDMI 3D Frame Packing to play in 3D.
Video, which is input as HDMI 3D Frame Packing format, is switched into the 3D screen automatically.
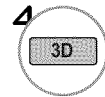
2 After selecting the shape as shown in the screen on TV, wear the 3D glasses.

▪ **3D video**: Select it to view the 3D imaging.

▪ **2D video**: Select it to view the 2D imaging.

Changed from 2D imaging to 3D imaging   Top & Bottom   Side by Side   Checker Board   Frame Sequential

3 Select **Enter**.

> Power on your 3D glasses and put
> them on. Sit 2 meters from TV to
> enjoy the best 3D view.
>
> | Enter | Cancel |
> | 3D Setting | |
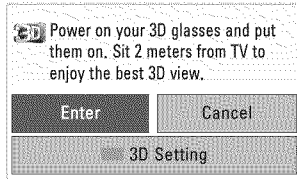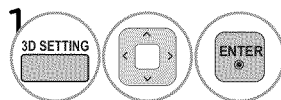
4 Turn off 3D mode or Turn off
2D mode.

> Turn off 3D mode.
>
> | 2D Mode | |
> | Enter | Cancel |
> | 3D Setting | |

> Turn off 2D mode.
>
> | 3D Video | |
> | Enter | Cancel |
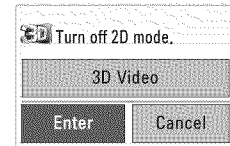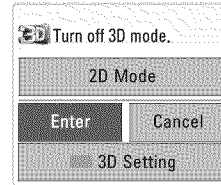
3D Setting

1 Make appropriate adjustments.

> 3D Setting
>
> | 3D Picture Size | ◄ Just Scan ► |
> | 3D Depth | 15 ◄ ▬ ► |
> | 3D Viewpoint | 0 ◄ ► |
> | 3D Picture Balance | ◄ Off ► |
> | 3D Picture Correction | ◄ Left/Right ► |
> | Enter | End 3D video |
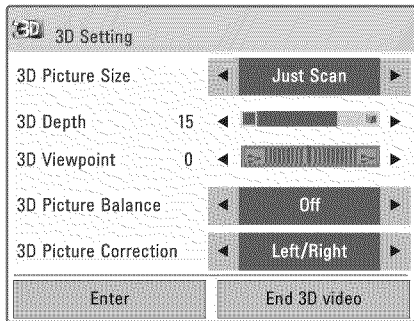
- **3D Picture Size**: Cuts off the outer edges of the picture and stretch it to fit the full screen in 3D mode.
- **3D Depth**: Adjusts the distance between the object and the background in the picture to enhance the 3D effect in 2D to 3D mode.
- **3D Viewpoint**: Brings the picture (including both the object and background images) to the front or back to enhance the 3D effect in 3D mode.
- **3D Picture Balance**: Adjusts the color and brightness difference between the right and left sides of the picture in 3D mode.
- **3D Picture Correction**: Changes the order of images in the right and left sides of the picture in 3D mode.

! NOTE

► Some menus may not work while watching the TV in 3D.
► The 3D imaging mode is disabled automatically when switching DTV channels.
► The screen may not be displayed properly if you view 2D DTV images in 3D imaging mode.
► 3D effect can be seen when 3D Mode is selected appropriately for the 3D input signal supplied to the TV.
► For *mpo files (3D camera files), the 3D imaging mode is enabled automatically.
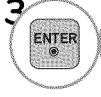
MY MEDIA

ENTRY MODE

The My Media menu will open automatically when you insert a USB drive. My Media can also be accessed by choosing My Media in the user menu.

After choosing the desired type of media, choose a device to open files from. The options are: USB device, or DLNA.
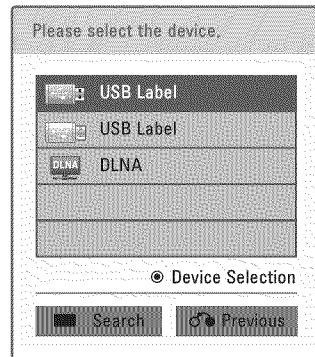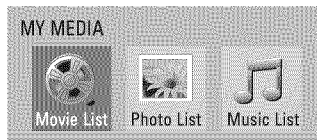
MY MEDIA

Movie List   Photo List   Music List

➡

Please select the device.

USB Label

USB Label

DLNA

◉ Device Selection

Search   Previous

---

1. MENU   ◇ or Home   ◇   Select **MY MEDIA**.

2. ENTER   ◇   Select **Movie List**, **Photo List** or **Music List**.

3. ENTER   Select the desired device.

BLUE   Search other network device.

4. BACK   Return to the previous menu.

■ This TV can view JPG image files, HD DivX files and play MP3 audio files.

When removing the USB device

Select the **USB Device** menu before removing the USB device.

1. Q.MENU   ◇   Select **USB Device**.

2. ENTER   Select **Eject**.

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CONNECTION METHOD

USB Connection

1 Connect the USB device to the **USB IN** jack on the side of TV.
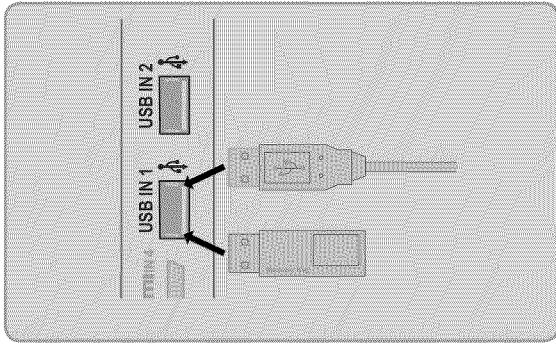
Precautions when using the USB device

▶ Only a USB storage device is recognizable.

▶ Connecting a USB storage device through a USB hub is not supported.

▶ A USB storage device which uses its own driver may not be recognized.

▶ The recognition speed of a USB storage device may depend on each device.

▶ Please do not turn off the TV or unplug the USB device when the connected USB storage device is working. When such device is suddenly separated or unplugged, the stored files or the USB storage device may be damaged.

▶ Only use a USB storage device which has normal music files, image files, or movie files.

▶ Please use only a USB storage device which was formatted as a FAT 32 or NTFS file system provided with the Windows operating system. Others may not be recognized.

▶ Some USB storage devices require a power adapter. The power adapter must be connected in order to be seen by the TV.

▶ If a device is not recognized by the TV, try a different cable. Excessively long cables are not supported.

▶ Some USB storage devices may not be supported or operate properly.

▶ Please backup important files because data on USB device could be damaged. Data management is consumer's responsibility and as a result, the manufacturer does not cover data damage.

▶ If your USB memory device has multiple partitions, or if you use a USB multi-card reader, you can use up to 4 partitions or USB memory devices.

▶ File alignment method of USB storage device is similar to Window XP and file names can be up to 100 English characters.

▶ The recommended capacity is 1 TB or less for a USB external hard disk and 32 GB or less for USB memory.

▶ If a USB external hard disk with a "Energy Saving" function doesn't work, turn the hard disk off and on again to make it work properly. Refer to the user manual of the USB external hard disk.

▶ USB storage devices below USB 2.0 are supported as well. But they may not work properly in the movie list.

▶ Maximum of 999 folders or files can be recognized under one folder.

▶ If there are too many folders and files in one folder, it may not operate properly.

MY MEDIA

Connecting DLNA DMP (Digital Living Network Alliance, Digital Media Player)

This TV can display and play many types of movie, photo and music files from your DLNA server and has been certified by DLNA for photos.

The Digital Living Network Alliance (DLNA) is a cross-industry organization of consumer electronics, computing industry and mobile device companies. Digital Living provides consumers with easy sharing of digital media through a wired or wireless network in the home.

The DLNA certification logo makes it easy to find products that comply with the DLNA Interoperability Guidelines. This unit complies with DLNA Interoperability Guidelines v1.5. When a PC running DLNA server software or other DLNA compatible device is connected to this TV, some setting changes of software or other devices may be required. Please refer to the operating instructions for the software or device for more information.

Please refer to pages 99 ~ 121 for additional information on supported file types and other instructions.

❶ NOTE

▶ The supplied Nero MediaHome 4 Essentials CD-ROM is a customized software edition only for sharing files and folders to this TV.

▶ The supplied Nero MediaHome 4 Essentials software does not support following functions: Transcoding, Remote UI, TV control, Internet services and Apple iTunes

▶ This manual explains operations with the English version of Nero MediaHome 4 Essentials as examples. Follow the explanation referring to the actual operations of your language version.

▶ If there are too many folders and files in one folder, it may not operate properly.

▶ For the DLNA option, use the Nero MediaHome programme that is provided with the TV. However, we cannot guarantee that third party program will work perfectly.

▶ You can select a channel while viewing the small preview channel list on your TV screen.

▶ Check your network settings when the DLNA option does not work properly.

▶ If there is an abnormal operation or an error occurs in Nero Media Home, the DLNA option may not work properly. In this case, exit Nero Media Home and restart the programme. You can download the latest version of Nero Media Home by clicking the question mark at the bottom-left of the program.

▶ When the network is unstable, the device may be slower or may need to load during playback.

▶ When playing a video in DLNA mode, the Multi Audio and Closed Caption features are not supported.

▶ When selecting Full Screen in DLNA mode, the ratio of the outputted screen may differ from the original.

▶ When more than one TV is connected to a single server in DLNA mode, a file may not play properly, depending on the server performance.

▶ If the play time information is not provided by the server, it is displayed as "--:--:--."

▶ When using Movie List, DRM files in the DLNA server cannot be played.

▶ DLNA operation may not work properly according to the AP manufacturers.

Installing Nero MediaHome 4 Essentials

Nero MediaHome 4 Essentials is easy to use DLNA server software for Windows.

Requirement PC system before you install Nero MediaHome 4 Essentials

* Windows® XP (Service Pack 2 or higher), Windows Vista® (no Service Pack required), Windows® XP Media Center Edition 2005 (Service Pack 2 or higher), Windows Server® 2003
* Windows Vista® 64-bit edition (application runs in 32-bit mode)
* Hard drive space: 200 MB hard drive space for a typical installation of Nero MediaHome stand-alone
* 1.2 GHz Intel® Pentium® III or AMD Sempron™ 2200+ processors
* Memory: 256 MB RAM
* Graphics card with at least 32 MB video memory, minimum resolution of 800 x 600 pixels, and 16-bit color settings
* Windows® Internet Explorer® 6.0 or higher
* DirectX® 9.0c revision 30 (August 2006) or higher
* Network environment: 100 Mb Ethernet, WLAN (IEEE 802.11b/g/n)

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1 Start up your computer, and insert the Nero MediaHome 4 Essentials CD-ROM into your computer's CD-ROM drive.
An installation wizard will walk you through the quick and uncomplicated installation process.

2 Close all Microsoft Windows programs and exit any anti-virus software that may be running.

3 Insert the Nero MediaHome 4 Essentials CD-ROM into your computer's CD-ROM drive.

4 Click **Nero MediaHome 4 Essentials**. The installation is prepared and the installation wizard appears.

5 Click the **Next** button to display the serial number input screen.
Click **Next** to go to the next step.

6 If you accept all conditions, click **I accept the License Conditions** check box and click **Next**. Installation is not possible without this agreement.

7 Click **Typical** and click **Next**. The installation process is started.

8 If you want to take part in the anonymous collection of data, select the check box and click the **Next** button.

9 Click the **Exit** button to complete the installation.

MY MEDIA

Sharing files and folders

After installing Nero MediaHome, you must add folders you wish to share.

1 Double-click the **Nero MediaHome 4 Essentials** icon on the desktop.

2 Click **Network** icon on the left and define your network name in the **Network name** field. The Network name you enter will be recognized by your TV.

3 Click **Shares** icon on the left.

4 Click **Local Folders** tab on the **Shared** screen.

5 Click **Add** icon to open the **Browse Folder** window.

6 Select the folder containing the files you want to share. The selected folder is added to the list of shared folders.

7 Click **Start Server** icon to start the server.

● NOTE

▷ If the shared folders or files are not displayed on the TV, click the folder on the **Local Folders** tab and click **Rescan Folder** at the **More** button.

▷ Visit **www.nero.com** for more information and software tools.

Playing back shared contents

You can display and play movie, photo and music content stored on your computer or other DLNA media servers.

1 Start the server on your computer or other device that connected on your home network.

2 or Select **MY MEDIA**.

3 Select **Movie List**, **Photo List** or **Music List**.

Select the DLNA.

4 Depending on the media server, this TV may need to get the permission from the server.
If you want to re-scan available media server, press blue color button.

DLNA DMR (Digital Living Network Alliance, Digital Media Render)
(For 50/60PZ540, 50/60PZ550)

If a device (e.g. mobile phone) with the DLNA certificate is connected to a network, you can play music, videos or photos etc. on the TV.

The DMR function only works properly when the TV and PC are configured to use the same network.

1 To play a file, select the file by using the "Remote Play" feature.

To do this, right-click on the file you want to play.

- Refer to the owner's manual of the mobile phone or other device to find out how to use it to play a file.
- You can change the name of a connected TV by double-clicking the item you want to change in Control Panel > Network and Internet > View network computers and devices.
- You cannot change the name of a TV while DMR media is playing. Change it when playback is stopped.

2 Select **Yes** button on the TV pop-up window.

You can play a file only on a single TV set or device even though multiple devices are connected. The playback speed depends on the network status.

3 Press the **EXIT** button on the remote control to exit.
- During play, only the volume, mute, exit and backwards buttons are available.

MOVIE LIST

It displays all of the video files it recognizes.
The On-Screen Display on your model may be slightly different.

Supported movie file

▪ Resolution: under 1920 pixel (width) x 1080 pixel (height)

▪ Frame Rate: under 30 frame/sec (1920x1080), under 60 frame/sec (1280x720)

▪ Max bitrate of playable video file: 20 Mbps (Mega bit per second)

▪ Bit rate of audio format: within 32 kbps to 320 kbps (MP3)

▪ Supported external subtitle format: *.smi/*.srt/*.sub(MicroDVD,Subviewer1.0/2.0)/*.ass/*.ssa/*.txt(TMPlayer)/*.psb(PowerDivX)

▪ Supported Internal subtitle format: only XSUB (It is the subtitle format used in DivX6 files)

Precautions when playing the video files

▶ Some user-created subtitles may not work properly.
▶ Some special characters are not supported in subtitles.
▶ HTML tags are not supported in subtitles.
▶ Time information in an external subtitle file should be arranged in ascending order to be played.
▶ Changing font and color in subtitles is not supported.
▶ Subtitles in languages other than one specified are not supported.
▶ Video files with subtitle files of 1 MB or larger may not be played properly.
▶ The screen may suffer temporary interruptions (image stoppage, faster playback, etc.) when the audio language is changed.
▶ A damaged video file may not be played correctly, or some functions may not be usable.
▶ Video files produced with some encoders may not be played correctly.
▶ If the video and audio structure of recorded file is not interleaved, the file not playback properly.
▶ Video with resolution higher than maximum resolution supported for each frame, cannot be guaranteed for smooth playback.
▶ Video files other than the specified types and formats may not work properly.
▶ The movie file encoded by the GMC (Global Motion Compensation) and Qpel (Quarterpel Motion Estimation) is not supported.
▶ Only 10000 sync blocks are supported within the subtitle file.
▶ We do not guarantee smooth playback of profiles encoded level 4.1 or higher in H.264/AVC.
▶ DTS Audio codec is not supported.
▶ A video file more than 30GB in file size is not supported for playback.
▶ Playing a video via a USB connection that doesn't support high speed may not work properly.
▶ USB storage devices below USB 2.0 are supported as well. But they may not work properly in the movie list.
▶ The video file and its subtitle file must be located in the same folder.
At this time, a video file name and its subtitle file name must be identical for it to be displayed.
▶ When you are watching a movie via the Movie List function, you can adjust the picture with the ENERGY SAVING and AV MODE button on the remote control. User setup for each picture mode is not supported.
▶ Trick Mode does not support other functions than ▶▶ if video files do not have index information.
▶ When playing video file using network, the Trick mode is limited to 2-times speed.
▶ Video file names that contain special characters may not be playable.

Supported Video Formats

File Extensions	Audio/ Video	Codec	Profile/Level Support	Explanation
.asf .wmv	Video	VC-1 Advanced Profile	Advanced Profile@Level 3 (e.g. 720p60, 1080i60, 1080p30)	Only streams compliant to SMPTE 421M VC-1 standard are supported.
		VC-1 Simple and Main Profiles	Simple Profile@Medium Level (e.g. CIF, QVGA) Main Profile@High Level (e.g. 1080p30)	
	Audio	WMA Standard		
		WMA 9 Professional		
.divx .avi	Video	DivX3.11		Global motion compensation or quarterpel motion estimation does not supported. Streams using this syntax are not supported.
		DivX4 DivX5 DivX6	Advanced Simple Profile (e.g. 720p/1080i)	
		XViD		
		H.264 / AVC	Main Profile@ Level 4.1 High Profile@ Level 4.1 (e.g. 720p60, 1080i60, 1080p30)	
	Audio	MPEG-1 Layer I, II MPEG-1 Layer III (MP3) Dolby Digital		
.mp4 .m4v	Video	H.264 / AVC	Main Profile@ Level 4.1 High Profile@ Level 4.1 (e.g. 720p60, 1080i60, 1080p30)	Global motion compensation or quarterpel motion estimation does not supported. Streams using this syntax are not supported.
		MPEG-4 Part 2	Advanced Simple Profile (e.g. 720p/1080i)	
	Audio	AAC	AAC-LC and HE-AAC	
.mkv	Video	H.264 / AVC	Main Profile@ Level 4.1 High Profile@ Level 4.1 (e.g. 720p60, 1080i60, 1080p30)	Most of the MKV content available is encoded by the open source x264 codec.
	Audio	AAC	AAC-LC and HE-AAC	
		Dolby Digital		
.ts .trp .tp	Video	H.264 / AVC	Main Profile@ Level 4.1 High Profile@ Level 4.1 (e.g. 720p60, 1080i60, 1080p30)	
		MPEG-2	Main Profile@High Level(e.g. 720p60, 1080i60)	
		VC-1	Simple Profile@Medium Level (e.g. CIF, QVGA) Main Profile@High Level (e.g. 1080p30) Advanced Profile@Level3 (e.g. 720p60, 1080i60, 1080p30)	Only streams compliant to SMPTE 421M VC-1 standard are supported.
	Audio	MPEG-1 Layer I, II MPEG-1 Layer III (MP3) Dolby Digital		
		AAC	AAC-LC and HE-AAC	
.vob	Video	MPEG-1		
		MPEG-2	Main Profile@High Level (e.g. 720p60, 1080i60)	
	Audio	Dolby Digital MPEG-1 Layer I, II DVD-LPCM		
.mpg	Video	MPEG-1	Main Profile@High Level (e.g. 720p60, 1080i60)	Only streams compliant configured properly for TS, PS or ES
	Audio	MPEG-1 Layer I, II		

MY MEDIA

Screen Components

1 (MENU) or (Home)   Select **MY MEDIA**.

2 (ENTER)   Select **Movie List**.

① Moves to upper level folder
② Current page/Total pages
③ Corresponding buttons on the remote control
④ Contents under the folder focused on①
⑤ Current page/ total pages of contents

Abnormal files are displayed using this graphic.

Non-supported files are displayed using this graphic.

Movie List

USB 1 XTICK   Drive1   Page 1/1

| M1 | M2 | M3 | M4 |

Butterfly....
01:34:33

✧ Move   ◉ Play   CH Page Change   MARK Mark
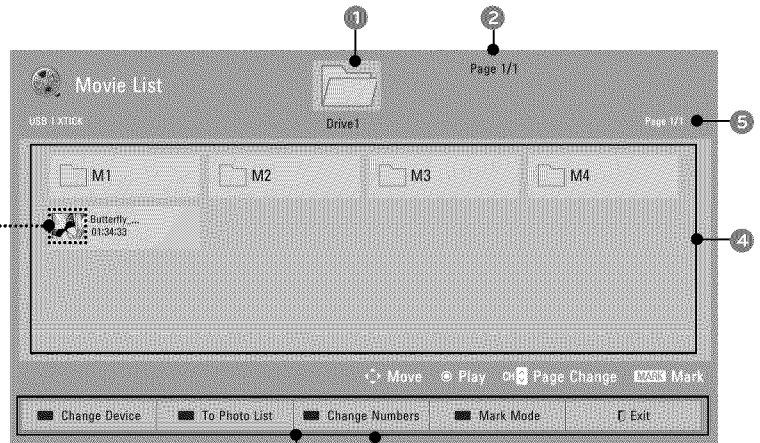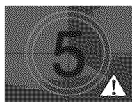
■ Change Device   ■ To Photo List   ■ Change Numbers   ■ Mark Mode   Γ Exit

(RED)	Change to a different input.
(GREEN)	Move to **Photo List** or **Music List**.
(YELLOW)	**Change Numbers**: Changes the number or thumbnails displayed at a time.
(BLUE)	Allows you to mark certain files.
(EXIT)	Return to TV viewing.

Movie Selection

M1   M2   M3   M4

Butterfly...
01:34:33

◇ Move   ⊙ Play   CH○ Page Change   MARK Mark

■ Change Device   ■ To Photo List   ■ Change Numbers   ■ Mark Mode   ⊏ Exit
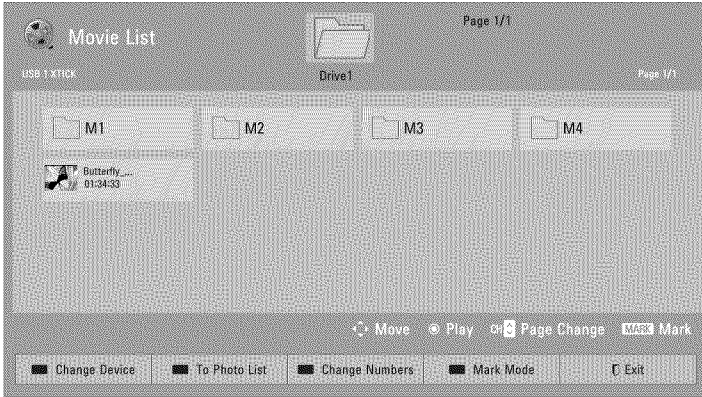
1 Select the target folder or drive.

2 Select the desired movie title.

3 Play the movie file.

■ Use the CH (∧ ∨) button to navigate in the movie page.

Mark Mode

Movie List
Mark Mode
USB 1 XTICK
Drive1
Page 1/1

M1   M2   M3   M4

Butterfly...
01:34:33

◇ Move   ⊙ Mark   CH○ Page Change   MARK Mark

■ Play Marked   ■ Mark All   ■ Unmark All   ■ Exit Mark Mode   ⊏ Exit
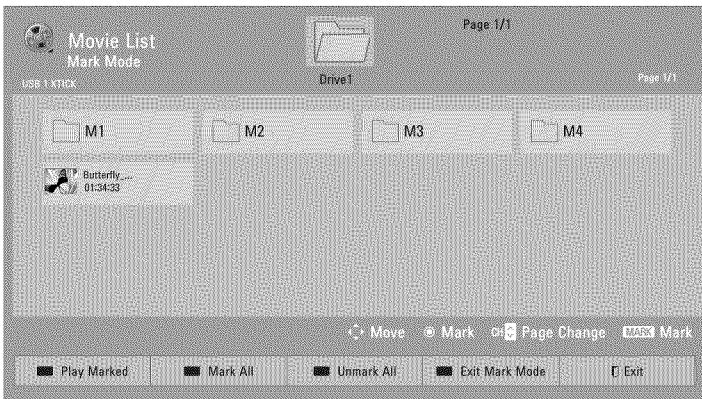
1 Select the target folder or drive.

2 Select the desired movie title.

3 Mark your desired movie file.

4 Play the marked movie file. It displays the current movie status progress bar on the bottom of the screen.

■ When one or more movie files are marked, the marked movies will be played in sequence.

(RED)	**Play Marked**: Play the first selected file. Once a movie finishes playing, the next selected one will be played automatically.
(GREEN)	**Mark All**: Mark all files in the folder.
(YELLOW)	**Unmark All**: Deselect all marked files.
(BLUE)	Enter or exit the Mark Mode.

MY MEDIA

Playing the Movie

Choose options.

Set Video Play.
Set Video.
Set Audio.
Set 3D video
Close

For 42/47/55LX6500

01:02:30 / 02:30:25

■ ► ❚❚ ◄◄ ►► e∅ ▣ Option ♂● Hide ⎵ Exit

---
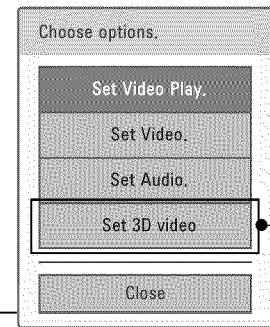
1 Q.MENU — Show the **Option** menu.

2 ⬆⬇ / ENTER — Select the desired menu option.

ⓘ NOTE

► When replaying a video file after stop-ping, you can play from where it stopped automatically.
► If you select "Yes" when playing the same file after the video file has been stopped, it will restart where it stopped previously.
► If continuous series files exist within the folder, the next file will automatically be played. But, this excludes cases when the Repeat function of Movie List Option is turned "On" (Refer to page 107) or when set as Marked Play.

Using the remote control

EXIT⎵	Return to the previous menu.
◄◄ ►►	Select the required speed: x2, x4, x8, x16, x32 (backward/forward).
❚❚	Pauses the media player. If no buttons are pressed on the remote control for 10 minutes after pausing, the TV returns to the playback state.
❚❚ ►►	Displays slow motion.
‹ ☐ ›	Move to a specific frame forward or backward while playing a video. A cursor indi-cating the position can be viewed on the screen. It may not work properly for some movie files.
►	Return to normal playback.
BACK	Hide the menu on screen. To see the menu again, press **ENTER** button.
ENERGY e∅ SAVING	Press the **ENERGY SAVING** button repeatedly to increase the brightness of your screen (Refer to p. 132).
AV MODE ◎	Press the **AV MODE** button repeatedly to select the desired source (Refer to p. 88).

Set Video Play Menu Options

Set Video Play.	
Picture Size	◀ **Full** ▶
Audio Language	◀ 1 ▶
Subtitle Language	◀ On ▶
• Language	◀ English ▶
• Code Page	◀ Default ▶
• Sync	◀ 0 ▶
• Position	◀ 0 ▶
• Size	◀ Normal ▶
Repeat	◀ Off ▶
	♂● Previous
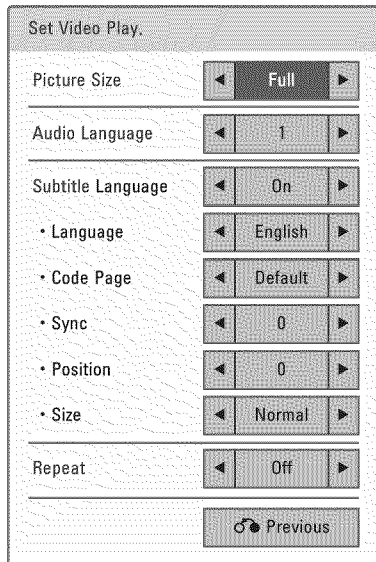
1. Select **Picture Size**, **Audio Language**, **Subtitle Language**, or **Repeat.**

2. Make appropriate adjustments.

Code Page

Subtitle Language Group	Supported Language
Latin1	English, Spanish, French
Korean	English, Korean

- ■ **Picture Size**: Selects your desired picture format for videos.
  Full Mode: Files are played in full screen mode regardless of the aspect ratio of video.
  Original Mode: Files are played according to the aspect ratio of video.
- ■ **Audio Language**: Changes the Language Group of the audio for video files. Files with a single audio track cannot be selected.
- ■ **Subtitle Language**: The subtitles can be turned on or off.
- ■ **Language**: Activated for SMI subtitles and can select the language within the subtitle.
- ■ **Code Page**: Subtitle font selection. When set to default, contents are displayed in the language set in "Option - Language - Menu Language."
- ■ **Sync**: When the video is not synchronized with the captions, it can be adjusted by 0.5 second.
- ■ **Position**: Move the location of the subtitles.
- ■ **Size**: Changes the subtitle font size.
- ■ **Repeat**: Turn on/off repeat function of movie playback. When turned on, the file within the folder will be played back repeatedly. When turned off, if the next file name is similar to the previous file, it can be played sequentially.

MY MEDIA

107

MY MEDIA

* Image shown may differ from your TV.

Set Video Menu Options

For LED LCD TV/LCD TV

Set Video.	
Picture Mode	◄ Standard ►
• Backlight 70	◄ ▬▬▬▬▬ ►
• Contrast 100	◄ ▬▬▬▬▬ ►
• Brightness 50	◄ ▬▬▬ ►
• Color 60	◄ ▬▬▬▬ ►
• Dynamic Contrast	◄ Medium ►
• Edge Enhancer	◄ High ►
• Noise Reduction	◄ Medium ►
TruMotion	◄ Low ►
▬ Picture Reset	♂● Previous

For Plasma TV

Set Video.	
Picture Mode	◄ Standard ►
• Contrast 100	◄ ▬▬▬▬▬ ►
• Brightness 50	◄ ▬▬▬ ►
• Sharpness 50	◄ ▬▬▬ ►
• Color 60	◄ ▬▬▬▬ ►
• Tint 0	◄ R ▬▬▬ G ►
• Color Temp. 0	◄ W ▬▬▬ C ►
• Noise Reduction	◄ Low ►
▬ Picture Reset	♂● Previous

or **Black Level** (Depending on model)

---

1 Make appropriate adjustments.
Then, select **Previous**.

(BLUE) Reset picture settings to default.

Set Audio Menu Options

Set Audio.	
Sound Mode	◄ Standard ►
Auto Volume	◄ Off ►
Clear Voice II	◄ Off ►
Balance 0	◄ L ▬▬▬ R ►
	♂● Previous

1 Make appropriate adjustments.
Then, select **Previous**.

Set 3D video Menu Options (For 42/47/55LX6500)

Put on 3D glasses.
Sit 2 meters from TV to enjoy the best 3D view.
(To select more comfortable view for you, change to left/right image of glasses with ▬ button.)

● Enter

▬ Setting Left/Right

▬ End 3D Video
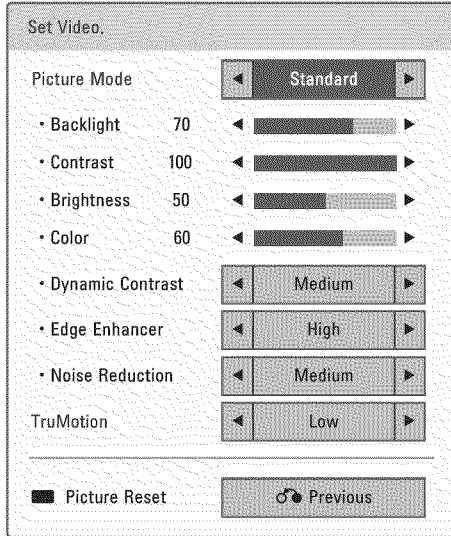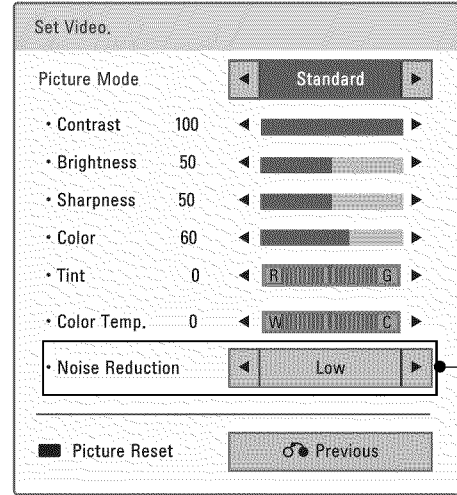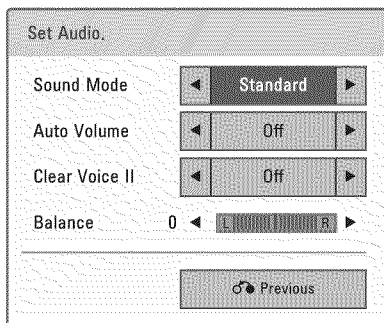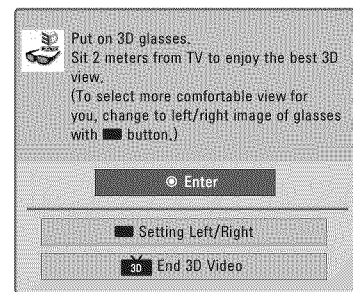
(3D) For more information, see the 3D Imaging section in the Owner's Manual.

PHOTO LIST

The On-Screen Display on your model may be slightly different.

```
Supported photo file: *.JPG
█ Baseline: 64 pixel (width) x 64 pixel (height) to 15360 pixel (width) x 8640 pixel (height)
█ Progressive: 64 pixel (width) x 64 pixel (height) to 1920 pixel (width) x 1440 pixel (height)
█ You can play JPEG files only.
█ Non-supported files are displayed in the form of predefined icon.
█ An error message occurs for corrupted files or file formats that cannot be played.
█ Corrupted image files may not be displayed properly.
█ It may take some time to view high-resolution images in full screen.
```

For 42/47/55LX6500

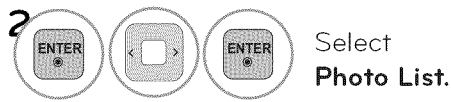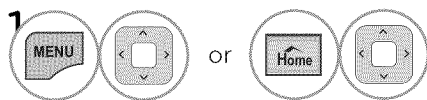| File Extensions	Item	Profile
2D	jpeg jpg jpe	supproted file format	SOF0: baseline SOF1: Extend Sequential SOF2: Progressive
		photo size	Min: 64 x 64 Max - Normal Type: 15360 (W) x 8640 (H) Progressive Type: 1920 (W) x 1440 (H)
3D	mpo	supproted file format	mpo
		photo size	4:3 size: 3648 x 2736 2592 x 1944 2048 x 1536 3:2 size: 3648 x 2432

Screen Components

1 Moves to upper level folder
2 Current page/Total pages
3 Corresponding buttons on the remote control
4 Contents under the folder focused on **1**
5 Current page/total pages of contents

Abnormal files are displayed using this graphic.

Non-supported files are displayed using this graphic.

Select **MY MEDIA**.

Select **Photo List.**
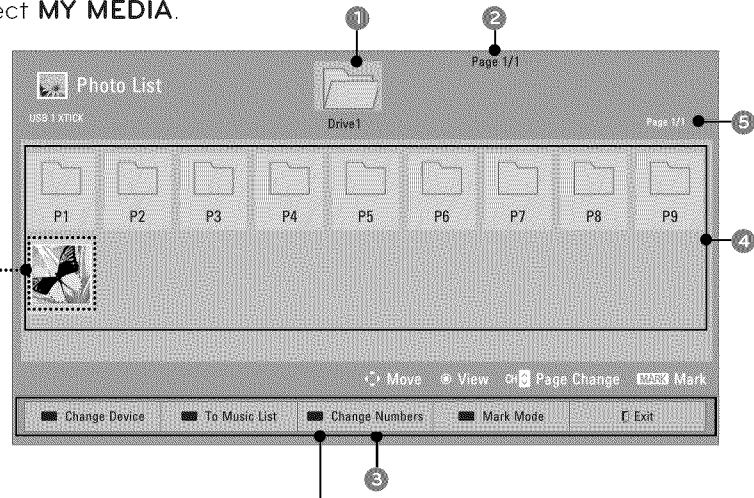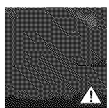
RED	Change to a different input.
GREEN	Move to **Music List** or **Movie List**.
YELLOW	**Change Numbers**: Changes the number or thumbnails displayed at a time.
BLUE	Allows you to mark certain files.
EXIT	Return to TV viewing.

Photo Selection

1 Select the target folder or drive.

2 Select the desired photos.

3 Photo file is displayed.

■ Use the CH (∧ ∨) button to navigate in the photo page.

Mark Mode
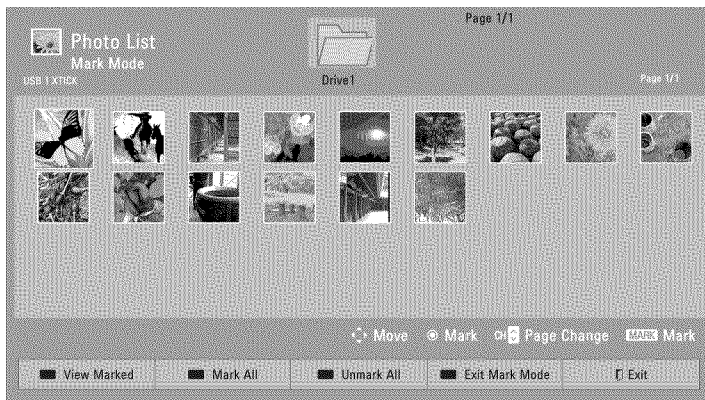
1 Select the target folder or drive.

2 Select the desired photo files.

3 Mark your desired photo files.

4 View the marked photo files.

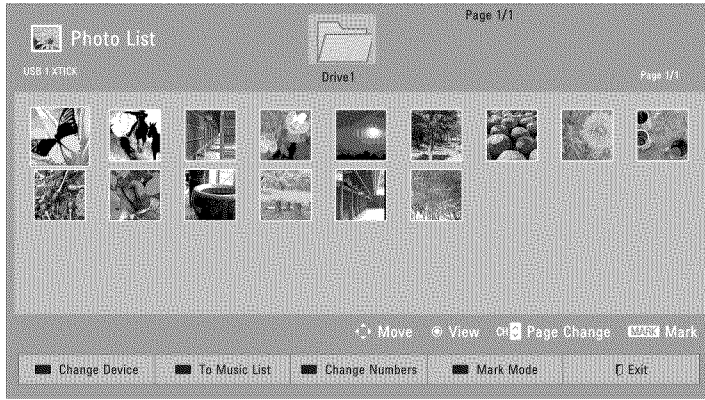**RED** **View Marked**: Display the selected photo.

GREEN **Mark All**: Mark all photos on the screen.

YELLOW **Unmark All**: Deselect all marked photos.

BLUE Enter or exit the Mark Mode.

■ When one or more photos are marked, you can view individual photos or a slide show of the marked photos. If no photos are marked, you can view all photos individually or all photos in the folder in a slide show.

Full Screen Menu

More operations are available in full screen mode.
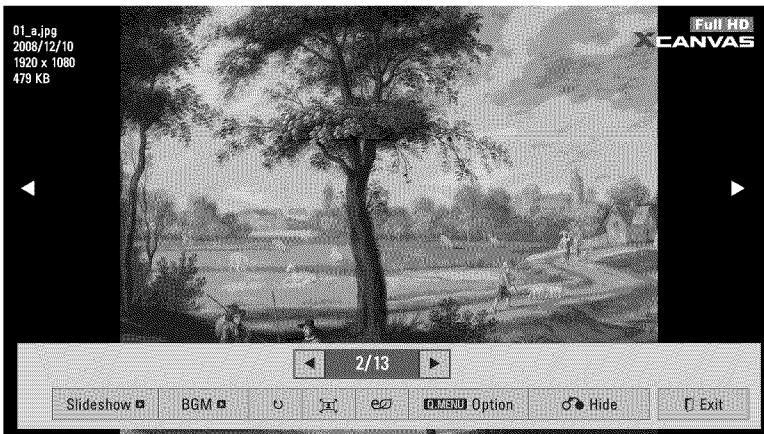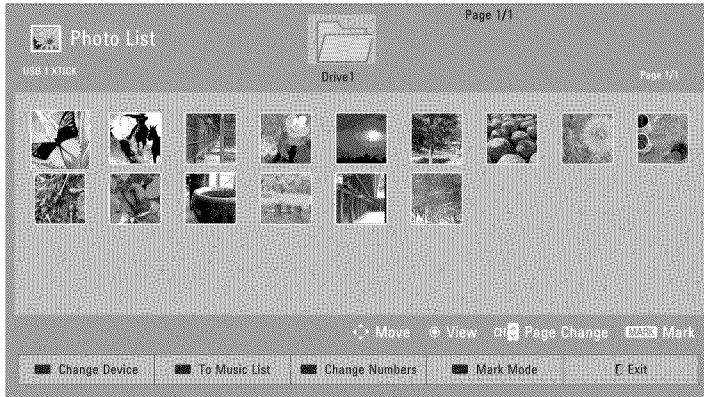
The aspect ratio of a photo may change the size of the photo displayed on the screen in full size.

---

1 Select the target folder or drive.

2 Select the desired photos.

3 The selected photo is displayed in full size.

■ Use the CH (∧ ∨) button to navigate in the photo page.

01_a.jpg
2008/12/10
1920 x 1080
479 KB

Full HD
XCANVAS

2/13

Slideshow □   BGM □   ↻   Ⅲ   e∅   Ⅲ Option   ♂ Hide   ⏻ Exit
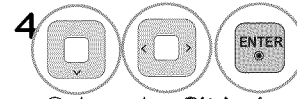
4

Select the **Slideshow**,
BGM, ↻ **(Rotate)**, Ⅲ / ⊞, e∅
(Energy Saving), **Option**, or **Hide**.

■ Use ⟨⟩ button to select the previ-
ous or next photo.

▶ **Slideshow**: Selected photos are displayed during the slide show. If no photo is selected, all photos in the current folder are displayed during slide show.
  ■ Set the time interval of the slide show in **Option-Set Photo View.** menu (Refer to p. 113).
  ■ You can adjust **Option** by using the **Q.MENU** button on the remote control.

▶ **BGM** (Background Music): Listen to music while viewing photos in full size.
  ■ Set the BGM device and album in **Option-Set Photo View.** menu (Refer to p. 113).
  ■ You can adjust **Option** by using the **Q.MENU** button on the remote control.

▶ ↻ **(Rotate)**: Rotate photos.
  ■ Rotates the photo 90 °, 180 °, 270 °, 360 ° clockwise.
  ■ Photos cannot be rotated if its width is greater than the available supported resolution height.

▶ ⅢⅠ / ⊞ : View the photo in full mode or original mode.

▶ e∅ **(Energy Saving)**: Increase the brightness of your screen by using ENERGY SAVING button.

▶ **Option**: Set values for **Slide Speed** and **BGM** (Refer to p.113).
  ■ You cannot change **BGM** while BGM is playing.
  ■ You can only select the MP3 folder saved on the device that currently displays the photo.

▶ **Hide**: Hide the menu on the full-sized screen.
  ■ To see the menu again on the full-sized screen, press **ENTER** button to display.

▶ **Exit**: Move to the previous menu screen.

Using the Photo List Function

Q.MENU — Show the **Option** menu.

ENTER — Select the desired menu option.
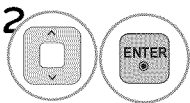
Set Photo View Menu Options

❶ NOTE

For 42/47/55LX6500

▶ You cannot select the **Option** in 3D imaging mode.

▶ If you want to listen to BGM (background music) while viewing *mpo image files, play a *jpg file and set the BGM folder in "**Option** - **Set Photo View**." Then, you can select and listen to BGM when viewing *mpo files.
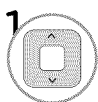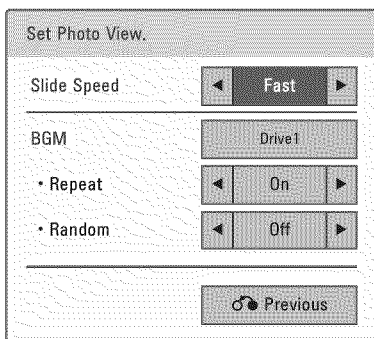
Select **Slide Speed** or **BGM**.
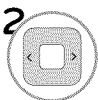
Make appropriate adjustments.

113

MY MEDIA

* Image shown may differ from your TV.

Set Video Menu Options

For LED LCD TV/LCD TV

Set Video.
Picture Mode ◄ Standard ►
• Backlight 70 ◄ ███████ ►
• Contrast 100 ◄ ███████ ►
• Brightness 50 ◄ ████ ►
• Color 60 ◄ █████ ►
• Dynamic Contrast ◄ Medium ►
• Edge Enhancer ◄ High ►
• Noise Reduction ◄ Medium ►
TruMotion ◄ Low ►
▆ Picture Reset ♂● Previous

For Plasma TV

Set Video.
Picture Mode ◄ Standard ►
• Contrast 100 ◄ ███████ ►
• Brightness 50 ◄ ████ ►
• Sharpness 50 ◄ ████ ►
• Color 60 ◄ █████ ►
• Tint 0 ◄ R████████ G ►
• Color Temp. 0 ◄ W████████ C ►
• Noise Reduction ◄ Low ►
▆ Picture Reset ♂● Previous

or **Black Level** (Depending on model)

1 Make appropriate adjustments.
Then, select **Previous**.

(BLUE) Reset picture settings to default.

Set Audio Menu Options

Set Audio.
Sound Mode ◄ Standard ►
Auto Volume ◄ Off ►
Clear Voice II ◄ Off ►
Balance 0 ◄ L████████ R ►
♂● Previous

1 Make appropriate adjustments.
Then, select **Previous**.

Set 3D video Menu Options (For 42/47/55LX6500)

Put on 3D glasses. Sit 2 meters from TV to enjoy the best 3D view. (To select more comfortable view for you, change to left/right image of glasses with ▆ button.)
● Enter
▆ Setting Left/Right
3D End 3D Video
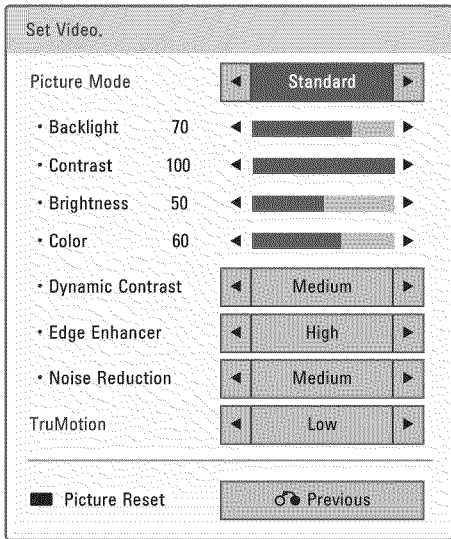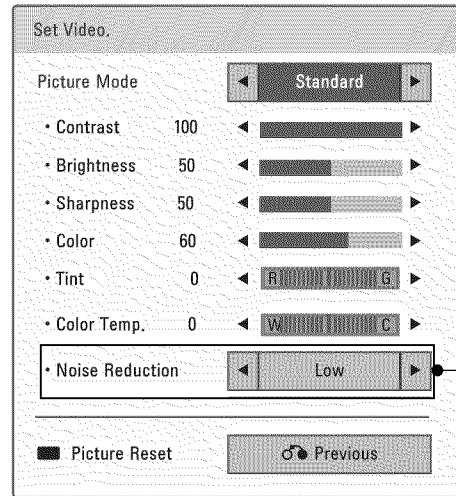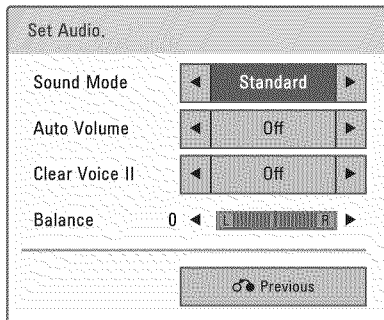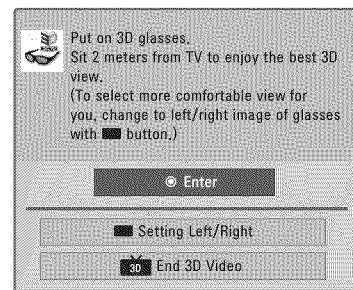
(3D) For more information, see the 3D Imaging section in the Owner's Manual.

MUSIC LIST

This TV cannot play back copy-protected files.
The On-Screen Display on your model may be slightly different.

> Supported Music File: *.MP3
> Bit rate range: 32 Kbps - 320 Kbps
> • Sampling rate MPEG1 Layer3: 32 kHz, 44.1 kHz, 48 kHz
> • Sampling rate MPEG2 Layer3: 16 kHz, 22.05 kHz, 24 kHz

Screen Components

(MENU) ⟨⌃⟩ or (Home) ⟨⌃⟩   Select **MY MEDIA**.

(ENTER) ⟨☐⟩ (ENTER)   Select **Music List**.

① Preview: If any album jacket for the file (Album Art Image) exists, this picture is displayed.
② Moves to upper level folder
③ Current page/Total pages
④ Corresponding buttons on the remote control
⑤ Contents under the folder focused on ②
⑥ Current page/total pages of contents
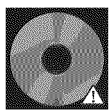
Abnormal files are displayed using this graphic.

Non-supported files are displayed using this graphic.

(RED)	Change to a different input.
(GREEN)	Move to **Movie List** or **Photo List**.
(YELLOW)	**Change Numbers**: Changes the number or thumbnails displayed at a time.
(BLUE)	Allows you to mark certain files.
(EXIT)	Return to TV viewing.
ENERGY eco SAVING	Press the **ENERGY SAVING** button repeatedly to increase the brightness of your screen (Refer to p. 132). (For LED LCD TV / LCD TV: It's available "**ENERGY SAVING - Off, Screen Off**" only.)

MY MEDIA

Music Selection
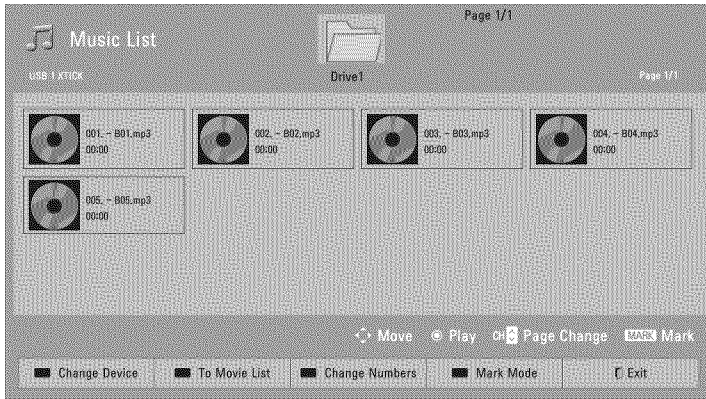
1. Select the target folder or drive.

2. Select the desired music file.

3. Music files are played.

> ▣ Use the CH (∧ ∨) button to navigate in the music page.

Mark Mode
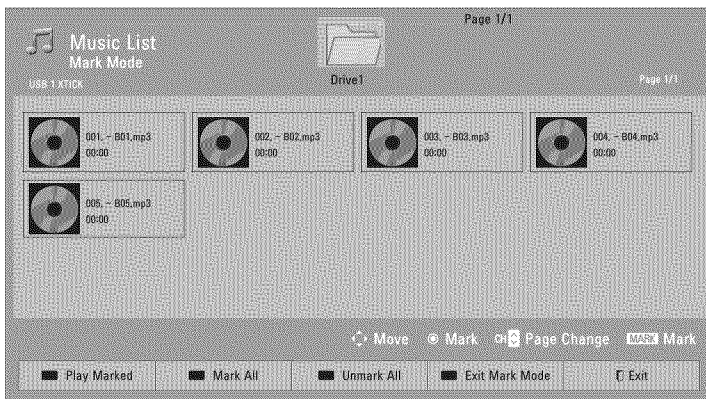
1. Select the target folder or drive.

2. Select the desired music file.

3. Mark your desired music file.

4. Play the marked music file.

(RED)	**Play Marked**: Play the selected songs. Once a song finishes playing, the next selected one will be played automatically.
(GREEN)	**Mark All**: Mark all songs in the folder.
(YELLOW)	**Unmark All**: Deselect all marked song.
(BLUE)	Enter or exit the Mark Mode.

> ▣ When one or more music files are marked, the marked music files will be played in sequence.

Using the Music List Function
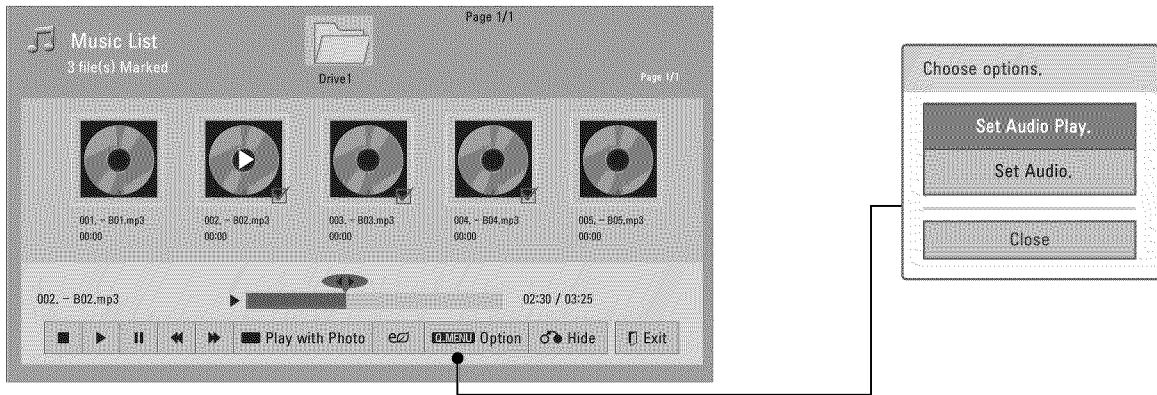
1 Show the **Option** menu.

2 Select **Set Audio Play.** or **Set Audio.**.

① NOTE

► You can listen to the music only within the device currently played.

Using the remote control
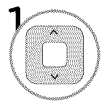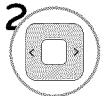
■	Stop playback.
►	Return to normal playback.
❚❚	Paused playback.
◄◄ ►►	Select the previous or next song.
(GREEN)	**Play with Photo**: Start playing the selected songs and then move to the Photo List.
ENERGY ⊘ SAVING	Press the **ENERGY SAVING** button repeatedly to increase the brightness of your screen (Refer to p. 132). (For LED LCD TV/LCD TV: It's available "**ENERGY SAVING - Off**, **Screen Off**" only.)
< ☐ >	A cursor indicating the position can be played.
EXIT	Move to the previous menu screen.
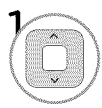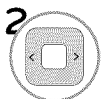
Set Audio Play Menu Options
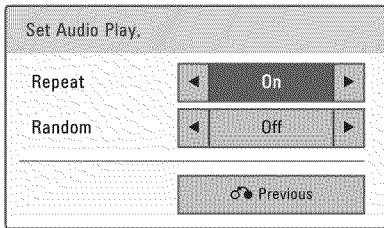
Select **Repeat** or **Random.**

Make appropriate adjustments.

Set Audio Menu Options
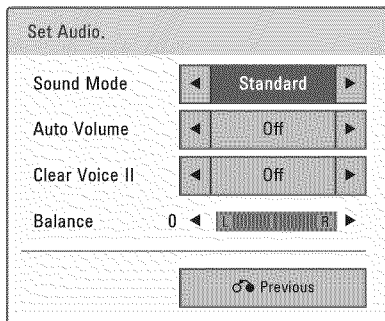
Select **Sound Mode, Auto Volume, Clear
Voice II** or **Balance.**

Make appropriate adjustments.

▓ If you don't press any buttons for a while, the play information box will float across the screen. This prevents screen pixel damage due to a fixed image remaining on the screen for a extended period of time.

```
002. B02.mp3
▶ 00:31 / 04:04
```
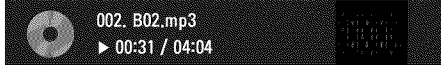
🛈 NOTE

▶ A damaged or corrupted music does not play but displays 00:00 in playtime.
▶ Music files with copy-protection will not play.
▶ Press ENTER or ■ button to stop the screen saver.

MY MEDIA

MY MEDIA

DIVX REGISTRATION CODE

Using the registration number, movies can be rented or purchased at www.divx.com/vod.
Only DivX files matched with the registration code of the purchased TV are playable.

1 (MENU)(◇) or (Home)(◇)   Select **MY MEDIA**.
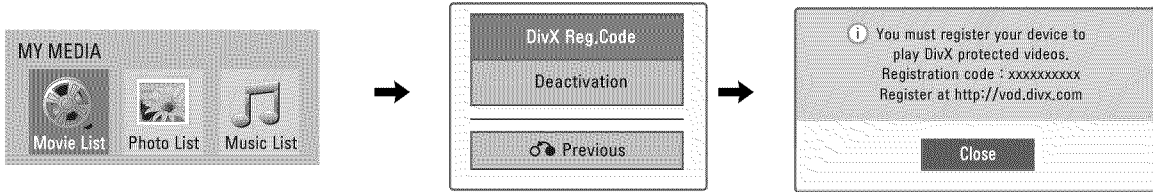
2 (ENTER)(BLUE)   Select DivX Option.

3 (□)   Select **DivX Reg. Code**.

4 (ENTER)   Display DivX Reg. Code.

❶ NOTE

▶ When loading, some buttons may not work.

▶ If you use the DivX registration code of another device, the rented or purchased DivX file cannot
be played. Therefore always use the DivX registration code assigned to this product.

▶ The video or audio of a file converted based on a standard other than the DivX codec standard
may be corrupted or unable to be played.

▶ The DRM/*.tp/*.trp file in DLNA server is not played when Movie List is in operation.

DEACTIVATION

The purpose of deactivation is to allow deactivation of devices for users who have activated all the available devices through the web server and are blocked from activating more devices. DivX VOD allows the consumer to activate up to 6 devices under one account.

Delete the existing authentication information to receive a new DivX user authentication for TV. Once this function is executed, a DivX user authentication is required again to see DivX DRM files.

1 MENU or Home Select **MY MEDIA**.
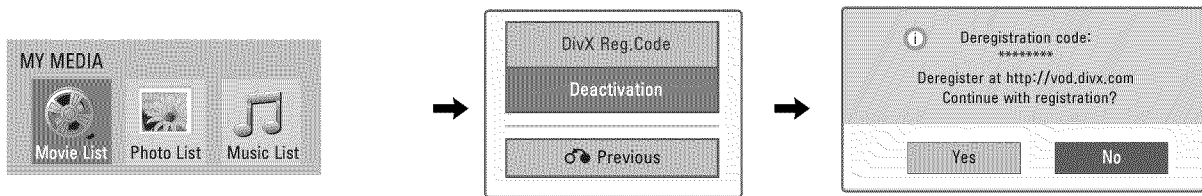
2 ENTER BLUE Select DivX Option.

3 Select **Deactivation**.

4 ENTER Select **Yes**.

5 ENTER Display **Deactivation**.

NETWORK

LEGAL NOTICE

NETWORK
- Network Setting : Wired
- Network Status : Internet is connected
- **Legal Notice**
- ESN

➡️

Legal Notice
page 1/3

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Close

---

1 MENU or Home Select **NETWORK**.

2 ENTER Select **Legal Notice**.

3 ENTER Check Legal notice.

4 EXIT Return to TV viewing.

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NETCAST

NETCAST MENU

These services are provided by separate Content Provider.

NETCAST menu source can differ by country.

Content can be changed or deleted depending on Content Provider.

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Please note that LGE is not responsible for any Content or Services provided by the Service Provider or any changes to, removal of, or cessation of such Content or Services and does not warrant or guaranty the availability of or access to such Content or Services.

What is a NETCAST?

Stream movies, TV shows and video, or get up to the minute news, stock information or weather updates directly to your TV.
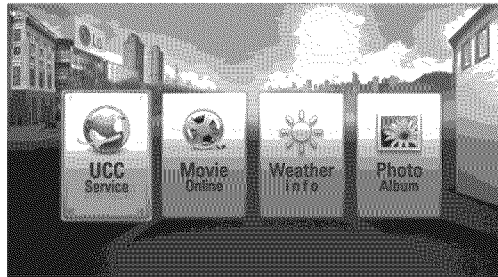
		Select **NETCAST** menu option.		Enjoy **Online Service**.

ⓘ NOTE

▶ The videos list searched from the TV may different with the list searched from a web browser on PC.

▶ The settings of this TV do not affect the YouTube's playback quality.

▶ The playback of videos may be paused, stopped or buffering occurring often depending on your broadband speed.

▶ For service that requires log in, join the applicable service on the website using the PC and log in through the TV to enjoy various additional functionalities.

▶ When you set the city you want with Setup by pressing the red button, the background of NetCast will be set to the weather of the selected city.

▶ For Plasma TV: If there is no user action 2 minutes following freezing image or video on screen, the screensaver will activate itself preventing fixed image remaining on screen.

NETCAST

YOUTUBE

YouTube is a video sharing website where users can upload, view, and share video clips.

Screen Components

❶ YouTube menu
❷ Videos list

RED	Set the option menu.
NetCast	Return to Netcast menu.
EXIT	Return to TV viewing.

⓪ NOTE

▶ When you press the Q.menu button while the Youtube video is playing in full mode, you can set the video options.

YouTube menu

Home: You can watch the popular video in real time.

Featured: The featured videos list will be displayed.

Popular: The best rated videos list from YouTube server will be displayed.

Most Viewed: The most viewed videos list will be displayed.

Search: The keypad/keyboard menu will be displayed.

History: The videos list that you previously played will be displayed. Maximum of 20 videos can be stored.

Favorites: In sign-in status, this menu will be displayed the videos list that is arranged in the YouTube server with your account (Some videos may not appear on the **Favorites** list, even if the videos are arranged in the server).

Sign in (Sign Out): Displays the keypad/keyboard menu to sign in or returns to the sign-out status.

Using the remote control

■	Stops the video and displays related videos list.
❚❚	Pause the video while it is playing.
▶	Play the selected video.
‹ ⬜ ›	Skip the playback forward or backward.
RED	Set the option menu.
NetCast	Return to Netcast menu.
EXIT	Return to TV viewing.

PICASA

Picasa is a photo organizing or sharing website where users can upload, view, and share photos.

Screen Components

① Picasa menu
② Photo list

	Navigate the desired photos.
ENTER	The selected photo file is displayed.
NetCast	Return to Netcast menu.
EXIT	Return to TV viewing.

NETCAST

Picasa menu

Home: The featured photos list will be displayed.

Friends: You can register users with the pictures you want as friends. You can add up to 10 friends.

Search: The keypad/keyboard menu will be displayed.

My Photos: You can view the pictures uploaded to the Web. This function can only be used when you sign in.

Sign in (Sign Out): Displays the keypad/keyboard menu to sign in or returns to the sign-out status.

NETCAST

PICTURE CONTROL

PICTURE SIZE (ASPECT RATIO) CONTROL

This feature lets you choose the way an analog picture with a 4:3 aspect ratio is displayed on your TV. You can select a different aspect ratio depending on input source (analog broadcasting, digital broadcasting, aux).

1 (MENU)(◇) or (Home)(◇) Select **PICTURE**.
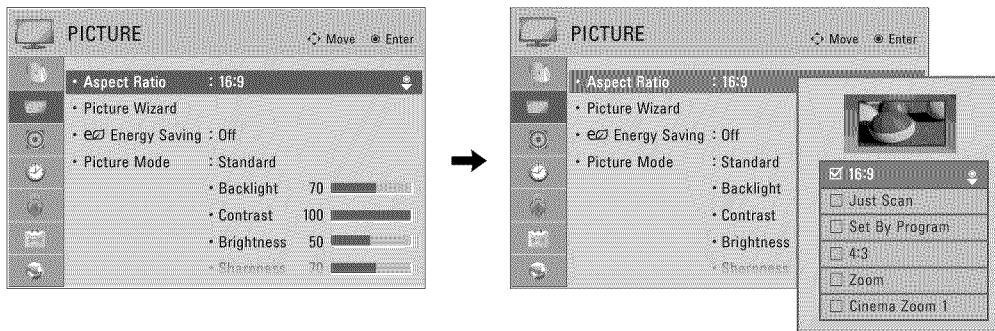
2 (ENTER)(◇) Select **Aspect Ratio**.

3 (ENTER)(◇) Select the desired picture format.

4 (BACK) Return to the previous menu.

(EXIT) Return to TV viewing.

> ▪ You can also adjust **Aspect Ratio** in the **Q.MENU**.
> ▪ Press the **RATIO** button repeatedly to select the desired picture format.

When adjusting Zoom or Cinema Zoom in Q.MENU

1 (Q.MENU)(◇) Select **Aspect Ratio**.

2 (ENTER)(◇) Select **Zoom** or **Cinema Zoom**.

3 (ENTER)(◇) Adjust proportion of Zoom or Cinema Zoom. The Cinema Zoom adjustment range is 1-16.

4 (ENTER)(◇) Move the image on the screen.
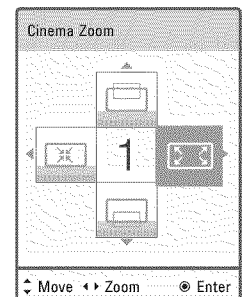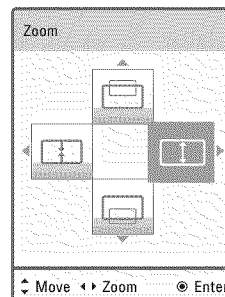
16:9

Adjust the picture horizontally, in a linear proportion to fill the entire screen.
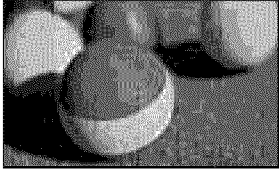
Just Scan

Normally the edges of video signals are cropped 1-2%. Just Scan turns off this cropping and shows the complete video.

Notes: If there is noise on the edges of the original signal, it will be visible when Just Scan is activated.

Just Scan operates only in DTV/Cable DTV/ Component/HDMI-DTV/DVI-DTV (720p/1080i/1080p) input source.

Set By Program

Selects the proper picture proportion to match the source's image.

(4:3 ➞ 4:3)

(16:9 ➞ 16:9)

4:3

Choose 4:3 when you want to view a picture with an original 4:3 aspect ratio.
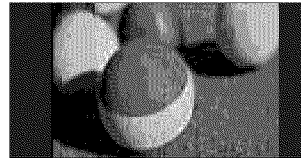
Zoom

Choose Zoom when you want to view the picture without any alteration. However, the top and bottom portions of the picture will be cropped.
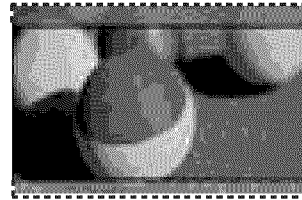
Cinema Zoom

Choose Cinema Zoom when you want to enlarge the picture in correct proportion.

This enlarges an image with cinemascope aspect ratio (2.35:1) without distortion.

Note: When enlarging or reducing the picture, the image may become distorted.
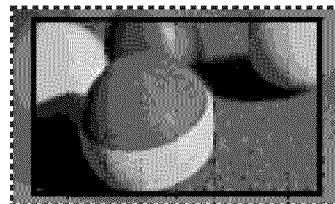
PICTURE WIZARD

This feature lets you adjust the picture quality of the original image. Use this to calibrate the screen quality by adjusting the Black and White Level etc. You can calibrate the screen quality by easily following each step. When you adjust the image to **Low**, **Recommended** or **High**, you can see the example of the changes you made.

PICTURE ◇ Move ◉ Enter

- Aspect Ratio : 16:9
- **Picture Wizard**
- *e∅* Energy Saving : Off
- Picture Mode : Standard
  - Backlight 70
  - Contrast 100
  - Brightness 50
  - Sharpness 70

1 MENU or Home Select **PICTURE**.

2 ENTER ENTER Select **Picture Wizard**.

Picture Wizard

With Picture Wizard, you can adjust the picture quality of the original image.

σ♦ Previous ◉ Next

3 ENTER Adjust **Picture Wizard**.

Picture Wizard

Standard   Preferred

- Standard/Preferred ◄ **Standard** ►

σ♦ Previous ◉ Next
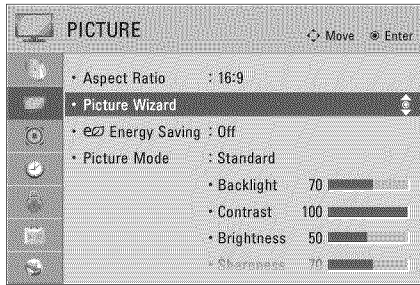
4 ENTER Adjust **Standard/ Preferred**.

▓ If you select **Preferred**, OSD (On Screen Display) differ from that shown in this manual.

Black Level

Set the screen above identical to the Recommended sample below.

Low   Recommended   High

- Brightness 50 ◄ ►

σ♦ Previous ◉ Next

5 ENTER Adjust **Black Level**.

White Level

Set the screen above identical to the Recommended sample below.

Low   Recommended   High

- Contrast 90 ◄ ►

σ♦ Previous ◉ Next

6 ENTER Adjust **White Level**.

Tint

Set the screen above identical to the Recommended sample below.

Low   Recommended   High

- Tint 0 ◄ ►

σ♦ Previous ◉ Next

7 ENTER Adjust **Tint**.

PICTURE CONTROL

Color

Set the screen above identical to the Recommended sample below.

| Low | Recommended | High |

· Color　50 ◄ ▮▮▮▮▯▯ ►

♂ Previous　　　　　⊙ Next

8

(◄ □ ►)(ENTER) Adjust **Color**.

Horizontal Sharpness

Set the screen above identical to the Recommended sample below.

| Low | Recommended | High |

· H Sharpness　50 ◄ ▮▮▮▮▯▯ ►

♂ Previous　　　　　⊙ Next

9

(◄ □ ►)(ENTER) Adjust **Horizontal Sharpness**.

Vertical Sharpness

Set the screen above identical to the Recommended sample below.

| Low | Recommended | High |

· V Sharpness　50 ◄ ▮▮▮▮▯▯ ►

♂ Previous　　　　　⊙ Next

10
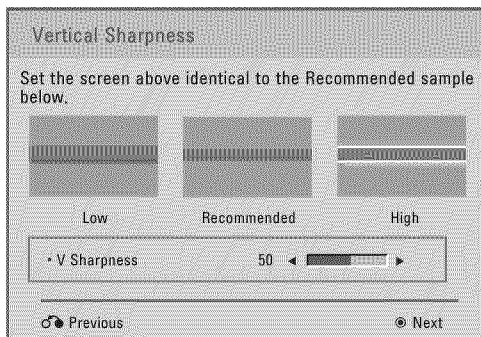
(◄ □ ►)(ENTER) Adjust **Vertical Sharpness**.

For LED LCD TV/LCD TV

Backlight

Set the Backlight to your Brightness preference.

| Dark | Recommended | Bright |

· Backlight　30 ◄ ▮▮▮▮▯▯ ►

♂ Previous　　　　　⊙ Next

11

(◄ □ ►)(ENTER) Adjust **Backlight**.

i.e)

Complete　　　⬍ Move　**MARK** Mark

Select (an) input(s) to apply the settings.

| ☑ DTV |
| □ TV |
| □ AV1 |
| □ AV2 |
| □ Component1 |
| □ Component2 |
| □ RGB-PC |
| ☑ HDMI1 |
| ☑ HDMI2 |
| ☑ HDMI3 |
| ☑ HDMI4 |

Warning: The picture quality may vary according to the different types of signal and inputs.

♂ Previous　　　　　⊙ Confirm

12
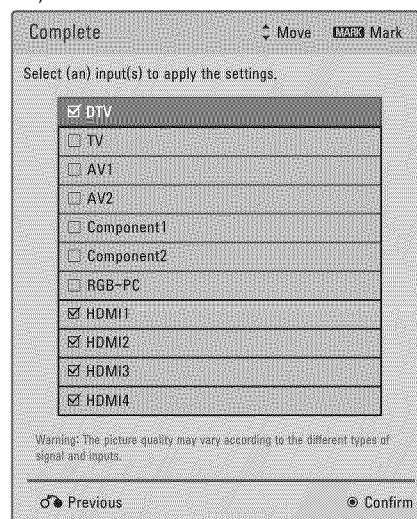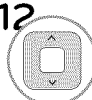
(∧ □ ∨)(MARK / FAV / CHAR/NUM) Select input source to apply the settings.

13

(ENTER) Save.

ⓘ The current adjustment value is saved to Expert1.

Close

14
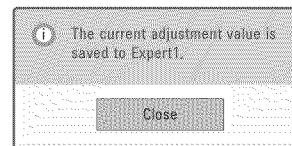
(ENTER) Finish the Picture Wizard.

▪ If you stop the Picture Wizard before the final step, the changes will not be saved to the TV.

▪ Once the **Picture Wizard** sets the picture quality, **Energy Saving** is changed to **Off** automatically.

▪ To reset changes made by **Picture Wizard**, operate **Picture Reset** when **Picture Mode** is on **Expert1**.

PICTURE CONTROL

eⵧ ENERGY SAVING

It reduces the TV's power consumption.

The default factory setting is adjusted to the comfortable level to be viewed at home.

You can increase the brightness of your screen by adjusting the **Energy Saving** level or by adjusting the **Picture Mode.**

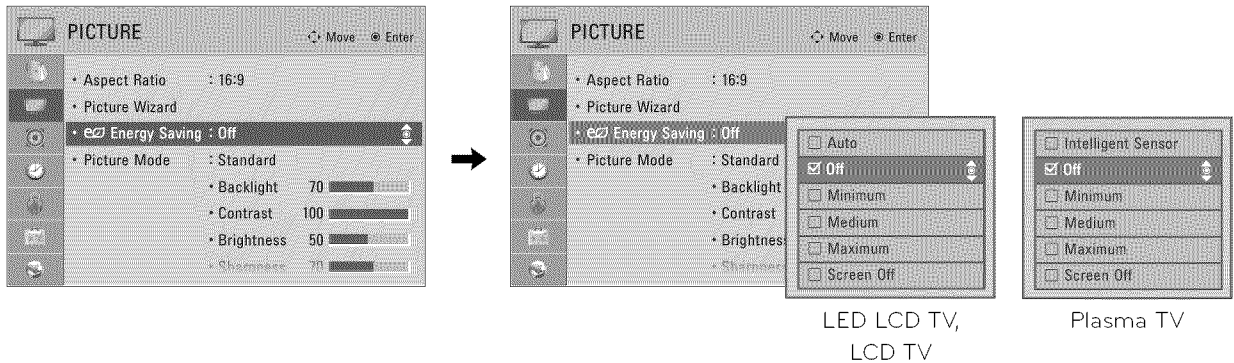| PICTURE	◇ Move ● Enter
• Aspect Ratio	: 16:9
• Picture Wizard	
• eⵧ Energy Saving	: Off
• Picture Mode	: Standard
• Backlight	70
• Contrast	100
• Brightness	50
• Sharpness	70

➡

PICTURE	◇ Move ● Enter
• Aspect Ratio	: 16:9
• Picture Wizard	
• eⵧ Energy Saving	: Off
• Picture Mode	: Standard
• Backlight	
• Contrast	
• Brightness	

☐ Auto
☑ Off
☐ Minimum
☐ Medium
☐ Maximum
☐ Screen Off

LED LCD TV,
LCD TV

☐ Intelligent Sensor
☑ Off
☐ Minimum
☐ Medium
☐ Maximum
☐ Screen Off

Plasma TV

---

1. (MENU) ◁◇▷ or (Home) ◁◇▷   Select **PICTURE**.

2. (ENTER) ▲▢▼   Select eⵧ **Energy Saving**.

3. (ENTER) ▲▢▼   Select your desired menu option.

4. (BACK)   Return to the previous menu.

(EXIT)   Return to TV viewing.

▪ When selecting **Screen off**, the screen will turn off after 3 seconds. Pressing any button of the remote controller will turn on the screen again.

▪ If you adjust "**Energy Saving-Auto, Maximum**", **Backlight** option will not work (For LED LCD TV/LCD TV).

▪ When selecting "**Energy Saving - Off, Minimum**, or **Medium**, you can adjust **Backlight** feature (For LED LCD TV/LCD TV).

▪ If you adjust "Energy Saving-Intelligent Sensor", Sharpness, Color, Color Temperature feature will not work (For Plasma TV).

▪ When selecting **Auto, Backlight** is automatically adjusted through **Intelligent Sensor** according to the surrounding conditions. (For LED LCD TV/LCD TV)

▪ When selecting **Off, Energy Saving** is not used.

▪ Press the **ENERGY SAVING** button repeatedly to select the appropriate Energy Saving.

▪ **Intelligent Sensor**: The most suitable picture is automatically adjusted according to the surrounding conditions (For Plasma TV).

PICTURE CONTROL

PRESET PICTURE SETTINGS (PICTURE MODE)

There are factory presets for picture settings available in the user menus. You can use a preset, change each setting manually, or use the Intelligent Sensor.
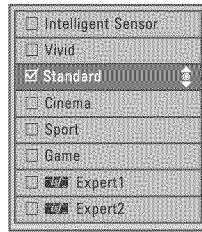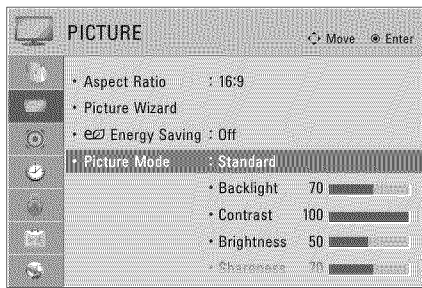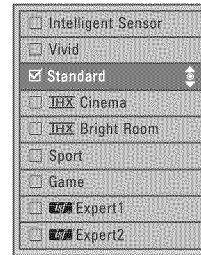
	PICTURE	⟷ Move ⊙ Enter
	• Aspect Ratio	: 16:9
	• Picture Wizard	
	• Energy Saving	: Off
	• Picture Mode	: Standard
	• Backlight	70
	• Contrast	100
	• Brightness	50
	• Sharpness	70

☐ Intelligent Sensor
☐ Vivid
☑ Standard
☐ Cinema
☐ Sport
☐ Game
☐ Expert1
☐ Expert2

Other models

☐ Intelligent Sensor
☐ Vivid
☑ Standard
☐ THX Cinema
☐ THX Bright Room
☐ Sport
☐ Game
☐ Expert1
☐ Expert2

47/55LE8500

☐ Vivid
☑ Standard
☐ APS
☐ THX Cinema
☐ THX Bright Room
☐ Sport
☐ Game
☐ Expert1
☐ Expert2

Plasma TV

1 MENU or Home Select **PICTURE**.

2 ENTER Select **Picture Mode**.

3 ENTER Select your desired menu option.

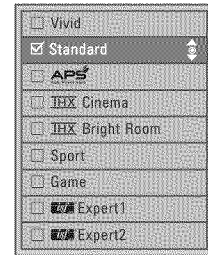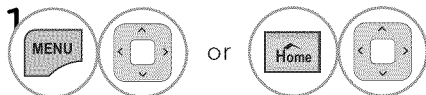**4** BACK Return to the previous menu.

EXIT Return to TV viewing.

■ **Vivid, Standard, Cinema, Sport,** and **Game** Settings are preset for the optimum picture quality at the factory.

■ **Vivid**: This is the mode to maximize the effect of the video in the retail store. Strengthen the contrast, brightness, color and sharpness for vivid picture.

■ **Standard**: This is the mode to realize optimum viewing condition for the general user.

■ **APS (Auto Power Saving)**: This is the mode to maximize reducing the power consumption without hurting the picture quality. This features is available only on Plasma TV.

■ **Cinema**: This mode optimizes video for watching movies.

■ **THX** Cinema: This is cinema quality mode to provide you the experience of watching a movie at home. The user will be able enjoy the best level of satisfactory screen quality in any movie without any separate adjustments. **THX** Cinema express the optimal screen quality when it is darkest.
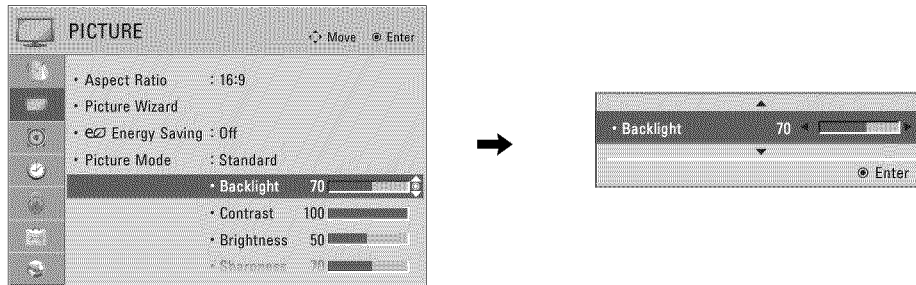When selecting **THX Cinema**, Aspect ratio changes to Just scan.

■ **THX Bright Room**: This is the specification to optimize TV viewing in Bright Room.
When selecting **THX Bright Room**, Aspect ratio changes to Just scan.

■ **Sport**: This is the video mode to emphasize dynamic video and primary color (e.g, white, uniform, grass, sky blue etc.) by realizing the optimal screen for sports.

■ **Game**: This is the mode to realize fast response speed in a fast gaming screen.

■ **Expert**: This is the mode to adjust the video in detail for video quality expert and general user.

■ You can also adjust **Picture Mode** in the **Q.MENU**.

■ When selecting **Intelligent Sensor, Energy Saving** is changed to **Auto** automatically (For LED LCD TV/LCD TV).

■ When selecting **Intelligent Sensor**, it changes Backlight, contrast, brightness, sharpness, color and tint automatically (For LED LCD TV/LCD TV).

■ **Intelligent Sensor**: The most suitable picture is automatically adjusted according to the surrounding conditions.

PICTURE CONTROL

MANUAL PICTURE ADJUSTMENT - USER MODE

Adjust the picture appearance to suit your preference and viewing situations.

PICTURE	Move	Enter
• Aspect Ratio : 16:9		
• Picture Wizard		
• Energy Saving : Off		
• Picture Mode : Standard		
• Backlight 70		
• Contrast 100		
• Brightness 50		
• Sharpness 70		

➡️

• Backlight	70	
		⦿ Enter

1
or Select **PICTURE**.

2 Select **Picture Mode**.

3 Select your desired menu option.

4 Select **Backlight** (For LED LCD TV/LCD TV), **Contrast**, **Brightness**, **Sharpness**, **Color**, **Tint**, **Color Temp.**, or **Advanced Control**.

5 Make appropriate adjustments.

6 Return to the previous menu.

Return to TV viewing.


▪ **Backlight** (For LED LCD TV/LCD TV): This function adjusts the brightness of the backlight behind the LCD screen. Adjusting the backlight is recommended when setting the brightness of the TV. When decreasing the backlight, the brightness of the black becomes darker without any loss in video signal and the power consumption is reduced.

▪ **Backlight** can only be adjusted in " **Energy Saving - Off, Minimum,** or **Medium**".

▪ **Contrast**: Increase or decrease the gradient of the video signal. You may use Contrast when the bright part of the picture is saturated.

▪ **Brightness**: Adjusts the base level of the signal in the picture. You may use Brightness when the dark part of the picture is saturated.

▪ **Sharpness**: Adjusts the level of crispness in the edges between the light and dark areas of the picture. The lower the level, the softer the image.

▪ **Color**: Adjusts intensity of all colors.

▪ **Tint**: Adjusts the balance between red and green levels.

▪ **Color Temp.**: Set to warm to enhance hotter colors such as red, or set to cool to enhance cooler colors such as blue.

PICTURE CONTROL

PICTURE IMPROVEMENT TECHNOLOGY (ADVANCED CONTROL)

Advanced Control allows you to adjust some of the advanced features of your LG display.
To reset to the factory default after making adjustments to each input source, execute the **Picture Reset** function for each Picture Mode.

LED LCD TV,
LCD TV

Plasma TV
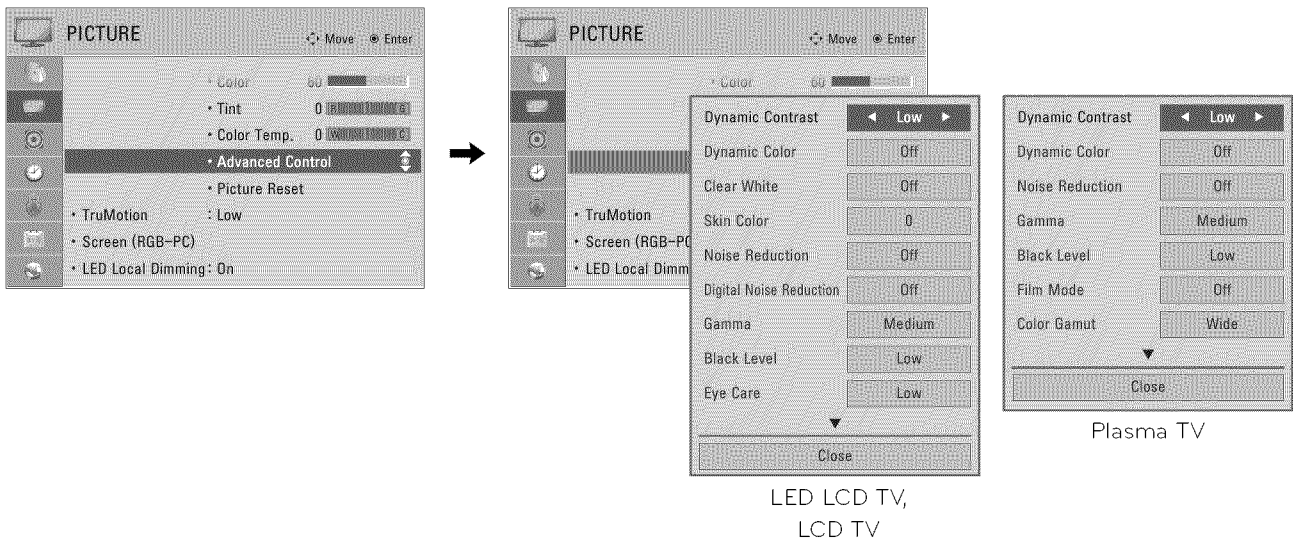
1. 🔘🔘 or 🔘🔘 Select **PICTURE**.

2. 🔘🔘 Select **Advanced Control**.

3. 🔘🔘 Select your desired menu option.

4. 🔘 Make appropriate adjustments.

5. 🔘 Return to the previous menu.

🔘 Return to TV viewing.

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LG

Life's Good

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

MODEL _____

SERIAL _____