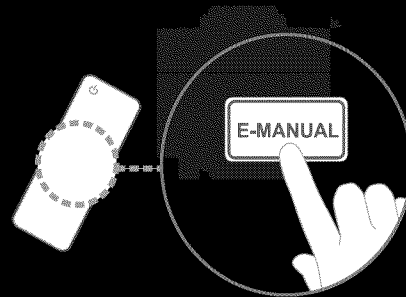




E-MANUAL



imagine the possibilities

Thank you for purchasing this Samsung product.
To receive more complete service, please register
your product at

www.samsung.com/register

Model _____ Serial No. _____

Background Color: You can change the background color of the caption. Options include Default, White, Black, Red, Green, Blue, Yellow, Magenta and Cyan. The default is Black.

Foreground Opacity: This adjusts the opacity of text. Options include Default, Transparent, Translucent, Solid and Flashing.

Background Opacity: This adjusts the opacity of the caption background. Options include Default, Transparent, Translucent, Solid and Flashing.

Return to Default: This option sets Size, Font Style, Foreground Color, Background Color, Foreground Opacity, and Background Opacity to their defaults.

 NOTE

- **Digital Caption Options** are available only when you can select **Default** and **Service1 ~ Service6** in **Caption Mode**.
- The availability of captions depends on the program being broadcast.
- The **Default** setting follows the standards set by the broadcaster.
- You cannot set the **Foreground** and **Background** to the same color.
- You cannot set both the **Foreground Opacity** and the **Background Opacity** to **Transparent**.

■ General

- **Game Mode (Off / On):** When you have connected a game console such as PlayStation™ or Xbox™ to the TV, you can enjoy a more realistic gaming experience if you set **Game Mode** on.

NOTE

- Precautions and limitations for **Game Mode**:
 - Before disconnecting a game console and connecting another external device, set **Game Mode** to **Off**.
 - If you display the TV menu in **Game Mode**, the screen shakes slightly.

- **Game Mode** is not available when you've set the input source to **TV** or **PC**.
- Set **Game Mode** to **On** only after connecting a game console. If you turn **Game Mode** on before you have attached the game console, you may notice reduced picture quality.
- If **Game Mode** is **On**:
 - **Picture Mode** is set to **Standard** and **Sound Mode** is set to **Movie**.



- **Menu Transparency (Bright / Dark):** Set the Transparency of the menu.
- **Boot Logo (Off / On):** Display the Samsung logo when the TV is turned on.
- **TV name** for LCD 550 series: Lets you change the TV's name by selecting from a list of names (for example, Home TV) or by keying in a name manually.
 - ✍ If you select **User Input**, a keyboard appears on the screen and you can key in a name for your TV manually using your remote control.

■ **Anynet+(HDMI-CEC)**

For details on set up options, refer to the “**Anynet+(HDMI-CEC)**” instructions.

■ DivX® Video On Demand

Shows the registration code authorized for the TV. If you connect to the DivX web site and register using that code, you can download the VOD registration file. If you activate the VOD registration using **My Contents**, the registration is completed.

 For more information about DivX® VOD, visit “<http://vod.divx.com>”.

■ Network Remote Control (On / Off) for LCD 550 series

Turn on/off or give permission to Samsung mobile phones devices to connect with and control the TV.

You must have a Samsung Mobile phone/device which supports Network Remote Control. For more details, refer to each device’s manual.

 MENU  → Support → ENTER 

■ e-Manual

You can read the introduction and instructions about the TV features stored in your TV.


 For the detailed information about e-Manual Screen, refer to “How to view the e-Manual” in the User Manual.


■ Self Diagnosis

- **Picture Test (Yes / No):** Use to check for picture problems. Picture test displays a high definition picture that you can examine for flaws or faults.
Yes: Select Yes if the test picture does not appear or there is noise or distortion in the test picture. There may be a problem with the TV. Contact Samsung’s Call Center for assistance.

No: Select No if the test picture displays properly. There may be a problem with your external equipment. Please check your connections. If the problem persists, refer to the external device's user manual.

- **Sound Test (Yes / No):** Use to check for sound problems. Sound test plays a built-in melody that tests both speakers.


 If you hear no sound from the TV's speakers, before performing the sound test, make sure **Speaker Select** is set to **TV Speaker** in the **Sound** menu, and then try the speakers again.

 You will hear the melody during the test even if you have set **Speaker Select** to **External Speaker** or have muted the sound by pressing the **MUTE** button.

Yes: Select Yes if you can hear sound from only one speaker or from neither speaker during the sound test. There may be a problem with the TV. Contact Samsung's Call Center for assistance.

No: Select No if you can hear sound from the speakers. There may be a problem with your external equipment. Please check your connections. If the problem persists, refer to the external device's user manual.


- **Signal Information:** (digital channels only) The reception quality of over-the-air HD channels is either perfect or the channels are unavailable. Signal Information displays HD channel signal strength so you can adjust your antenna to increase signal strength and receive HD channels.
- **Troubleshooting:** Displays a troubleshooting guide organized into four symptom categories: Poor or Distorted Picture, Distorted Sound or No Sound, RF or PC Issues, and Other Issues. If your TV seems to be having a problem, access the trouble shooting guide for a solution.

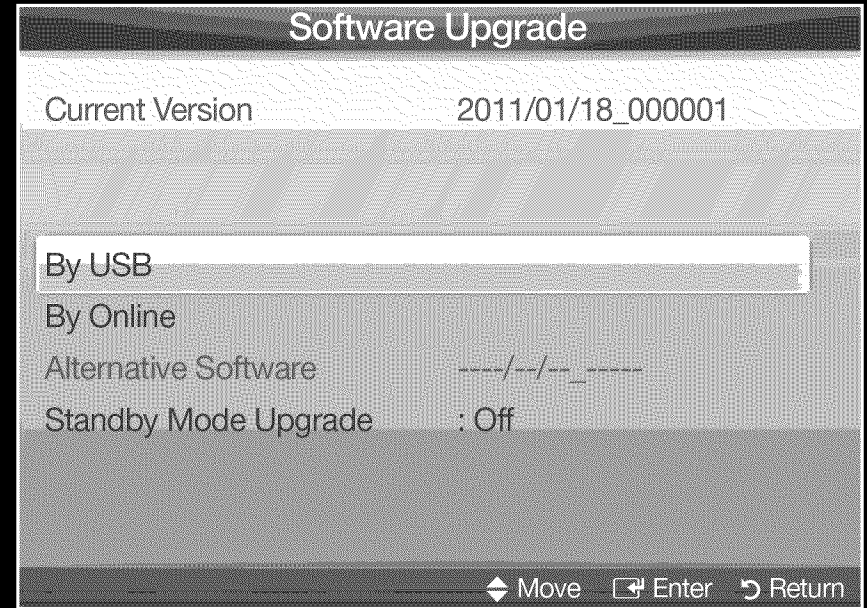
 If none of these troubleshooting tips apply, contact the Samsung customer service center.

■ Software Upgrade

The **Software Upgrade** menu lets you upgrade your TV's software to the latest version.

Current Version: This is the software version already installed in the TV.

 The current version is displayed in the following format: Year/Month/Day_Version number.




* The screen may differ depending on the model.

Upgrading to the Latest Version

You can upgrade in three ways:

- By USB
- By Internet
- By Standby Mode Upgrade

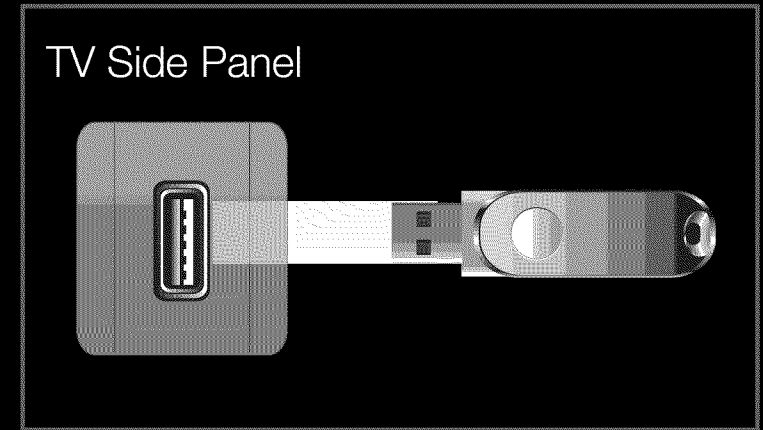
The three methods are explained in the following pages.

 Be careful not to turn off the power until the upgrade is complete. The TV will turn off and on automatically after completing the firmware upgrade. When you upgrade software, all video and audio settings you have made will return to their default settings. We advise you to write down your settings so that you can easily reset them after the upgrade.

By USB

To upgrade by USB, follow these steps:

1. Visit www.samsung.com.
 2. Download the latest USB software upgrade exe archive to your computer.
 3. Copy the folder to a USB flash drive.
 4. Turn on the TV, and then insert the USB flash drive into the USB port of the TV.
 5. In the TV's menu, go to **MENU** → **Support** → **Software Upgrade**.
 6. Select **By USB**.
-  Please be careful not to remove the USB drive until the upgrade is complete.




The placement of the USB jack may differ depending on the model.

By Online for LCD 550 series

The **By Online** function lets you download the upgrade software directly from the Internet into your TV and then upgrade the software in one operation. To use **By Online**, you must have configured your TV to connect to your network and the TV must be connected to the Internet. See the Network Connection instructions.

To upgrade by Online, follow these steps:

1. Select **By Online**, and then press the **ENTER**  button. The Connecting to Server message appears.
2. If there is a download available, the Download pop-up appears with a progress bar and the download starts.


3. When the download is complete, the Upgrade Query window appears with three choices: Upgrade Now, Upgrade Later, or Don't Upgrade.
4. If you select Upgrade Now, the TV upgrades the software, turns off, and then turns on automatically.
5. If you do not make a selection in one minute or select Upgrade Later, the TV stores the new upgrade software. You can upgrade the software later using the Alternative Software function.
6. If you select Don't Upgrade, the TV cancels the upgrade.



Alternative Software

The **Alternative Software** option lets you upgrade using a file the TV downloaded earlier, but you decided not to install immediately, or a file downloaded by the TV in **Standby Mode Upgrade** (See **Standby Mode Upgrade** on the next page).


To upgrade by **Alternative Software**, follow these steps:

1. If upgrade software has been downloaded, you will see the software version number to the right of **Alternative Software**.
2. Select **Alternative Software**, and then press the **ENTER**  button.
3. The TV displays a message asking if you want to upgrade. Select **Yes**. The TV begins the upgrade.
4. When the update is complete, the TV turns off automatically, and then turns on.

Standby Mode Upgrade for LCD 550 series

You can set the **Standby Mode Upgrade** function so that the TV downloads new upgrade software when it is in Standby mode. In Standby mode, the TV is off, but its Internet connection is active. This allows the TV to download upgrade software automatically, when you are not using it. Because the TV is turned on internally, the screen may glow slightly. This phenomenon may continue for more than 1 hour until the software download is complete.

To set **Standby Mode Upgrade**, follow these steps:

1. Select **Standby Mode Upgrade**, and then press the **ENTER**  button.
2. Select **On** or **Off**.
 - **Off**: If you select **Off**, the TV will notify you with a pop up message when new upgrade software is available.

- **On:** If you select **On**, the TV will automatically download new upgrade software when it is in Standby mode with the power off. If it downloads new upgrade software, the TV will ask you if you want to install it when you turn the TV on.


 To use the **Standby Mode Upgrade** function, your TV must be connected to the Internet.

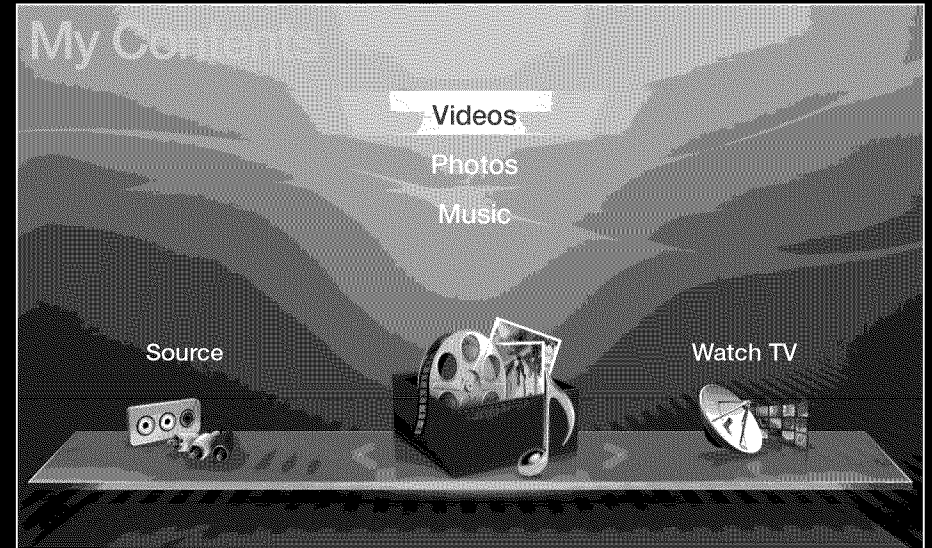
■ **Contact Samsung**

View this information when your TV does not work properly or when you want to upgrade the software. You can find information regarding our call centers and how to download products and software.

❑ Using the My Contents

Enjoy photos, music and/or movie files saved on a USB Mass Storage Class (MSC) device and/or your PC.


1. Press the **CONTENT** button to select **My Contents**.
2. Press **▲/▼** button to select the desired menu (**Videos**, **Photos**, **Music**), then press the **ENTER**  button.

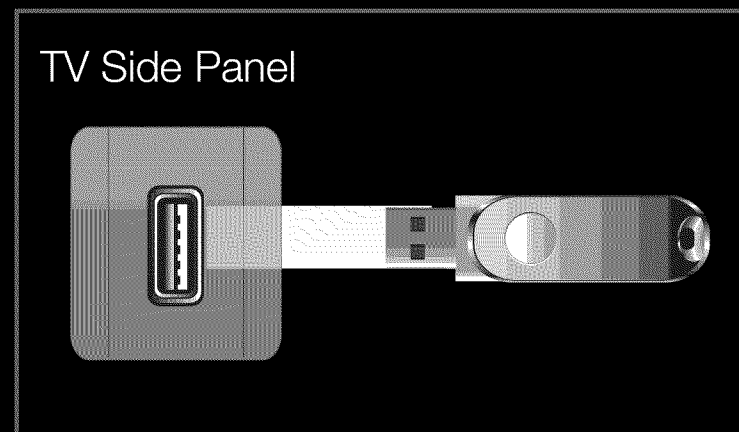


The **My Contents** main screen. Use the left and right arrow buttons to change from one main category to another (from **My Contents** to **Watch TV** to **Source**.)

- ✎ To view content on a USB device, you must plug the device into a USB jack on the TV.
- ✎ To view content located on your PC, you must have connected your TV and your PC to your LAN and downloaded and installed PC Share Manager on your PC.

❑ Connecting a USB Device

1. Turn on your TV.
2. Connect a USB device containing photo, music and/or movie files to the USB jack on the side of the TV.
3. When a USB device is connected to the TV, the **Connected Device** window appears. Select a connected device, and then press **ENTER** .



The placement of the USB jack may differ depending on the model.

 The USB function might not work properly with unlicensed multimedia files.

 Read this information before using **My Contents** with a USB device:

- MTP (Media Transfer Protocol) is not supported.
- The file system supports FAT16, FAT32 and NTFS.
- Certain types of USB Digital camera and audio devices may not be compatible with this TV.
- **My Contents** only supports USB Mass Storage Class (MSC) devices. MSC is a Mass Storage Class Bulk-Only Transport device. Examples of MSC are Thumb drives, Flash Card Readers and USB HDD (USB HUB are not supported). Devices should be connected directly to the TV's USB port.
- Before connecting your device to the TV, please back up your files to prevent them from damage or loss of data. SAMSUNG is not responsible for any data file damage or data loss.

- USB (HDD) is not supported. for LCD 450 series
- Connect USB HDDs to the dedicated port, USB 1 (HDD), only. for LCD 550 series
- Do not disconnect the USB device while it is loading.
- The higher the resolution of the image, the longer it takes to display on the screen.
- The maximum supported JPEG resolution is 15360 x 8640 pixels.
- If a file is corrupted or the TV does not support the file type, the “Not Supported File Format” message appears.
- If the files are sorted by **Folder View**, the TV can display the names of up to 1000 files in each folder.







- The TV cannot play MP3 files with DRM that have been downloaded from a for-pay site. Digital Rights Management (DRM) is a technology that supports the creation, distribution, and management of digital content in an integrated and comprehensive way, including protecting the rights and interests of content providers, preventing illegal copying of contents, and managing billings and settlements.
- If more than 2 PTP devices are connected, you can only use one at a time.
- If more than two MSC devices are connected, some of them may not be recognized. A USB device that requires high power (more than 500mA or 5V) may not be supported.
- If an over-power warning message is displayed while you are connecting or using a USB device, the device may not be recognized or may malfunction.


- If the TV has no input during the time set in **Auto Protection Time**, the Screensaver will run.
- The power-saving mode of some external hard disk drives may be released automatically when you connect them to the TV.
- If you use a USB extension cable, the TV may not recognize the USB device or may not be able to read the files on the device.
- If a USB device connected to the TV is not recognized, the list of files on the device is corrupted, or a file in the list is not played, connect the USB device to a PC, format the device, and check the connection.
- If a file you deleted from the PC is still found when you run **My Contents**, use the “Empty the Recycle Bin” function on the PC to permanently delete the file.
- **My Contents** only supports sequential jpeg format.
- The scene search and thumbnail functions are not supported in the **Videos**.




❑ Connecting to a PC through your network for LCD 550 series


You can play pictures, music, and videos saved in your PC on your TV through a network connection using **My Contents**.

- ✎ To use **My Contents** to play files saved in your PC on your TV, you must download “PC Share Manager” and the Share Manager users manual from “www.samsung.com.”
- ✎ For more information on how to configure your TV and connect it to your network, see ‘Network Connection’.
- ✎ We recommend you locate both your TV and PC in the same network subnet. IP addresses have four parts separated by periods (111.222.333.444). If your TV and PC are in the same subnet, the first 3 parts of the TV IP address and the PC IP address (111.222.333) will be the same and only the last part (the host address) will be different.


-  You need a router and/or modem to connect your PC to the Internet. For information about connecting your PC to your network, see the instructions for the router or modem.
-  The following **My Contents** functions that are not supported when you are playing media from a PC connected through a network:
 - The **Background Music** and **Background Music Setting** functions.
 - The  (REW) or  (FF) button while a movie is playing.
-  The Divx DRM, Multi-audio, embedded caption is not supported.
-  Set your PC firewall program so that Samsung PC Share Manager is a permitted program.

 Depending on the Internet server, when you use **My Contents** through a network connection:

- The sorting method may vary.
- The **Play Continuously** function, which resumes the playing of a video, may not be supported.
 - The **Play Continuously** function does not support multiple users. (It memorizes only the point where the most recent user stopped playing a video.)
- The  (REW),  (FF) or  (Pause) buttons may not work depending on the content information.

 If you experience any file stuttering issues while playing a video over a wireless network, we recommend using a wired network.

❑ My Contents Selection Screen

To play a file, move to the file using the ◀/▶/▲/▼ buttons, and then press the **ENTER**  or  (Play) button. The TV plays the file. The My Contents screen may differ depending on how you accessed the screen or how files are sorted.

Information:

Displays the selected content category (Music, for example), device (USB drive, for example), folder/file name, page, and sort criteria.








File List Section:

Displays files or folders sorted by criteria you can select.

Content Category / Device name:

You can select the desired Content Category or Device. When you connect a PC, you can select PC through PC Share Manager.

Operation Buttons:

-  Yellow (Edit Mode): Lets you select music by checking the files you want to play. Only available in Music.
-  Blue (Sorting): Sorts files and folders by various criteria you can select. The criteria differ by content category.
-  (Page): Move to next or previous page.
-  Tools: Displays the option menu.
-  Return: Move to the previous page or step.

■ Videos


Playing a Video

1. Press the ◀/▶/▲/▼ button to select the desired video in the file list.
2. Press the **ENTER** ↵ button or ▶ (Play) button.
 - The file name appears on the top with its playing time.
 - If video time information is unknown, playing time and the progress bar are not displayed.
 - You can use the ◀◀ (REW), ▶▶ (FF), Pause, Stop, and Play buttons on the bottom of your remote control during playback.



- During video playback, you can search using the ◀ and ▶ button.
- Press the **RETURN** button to exit the movie.

 In this mode, you can play movie clips contained in a game, but you cannot play the game itself.

 While a movie is playing, press the **TOOLS** button to access additional functions such as **Repeat Mode**, **Picture Size**, **Picture Mode**, and **Sound Mode**.

- Supported Video Subtitle Formats (for languages, etc.)

Name	File extension	Format
MPEG-4 time-based text	.ttxt	XML
SAMI	.smi	HTML
SubRip	.srt	string-based
SubViewer	.sub	string-based
Micro DVD	.sub or .txt	string-based

- Supported Video Formats

File Extension	Container	Video Codec	Resolution	Frame rate (fps)	Bit rate (Mbps)	Audio Codec
*.avi *.mkv	AVI MKV	Divx 3.11 / 4.x / 5.1 / 6.0	1920x1080	6 ~ 30	8	MP3 / AC3 / LPCM / ADPCM / DTS Core
		XviD	1920x1080	6 ~ 30	8	
		H.264 BP / MP / HP	1920x1080	6 ~ 30	25	
		MPEG4 SP / ASP	1920x1080	6 ~ 30	8	
		Motion JPEG	640x480	6 ~ 30	8	

File Extention	Container	Video Codec	Resolution	Frame rate (fps)	Bit rate (Mbps)	Audio Codec
*.asf	ASF	Divx 3.11 / 4.x / 5.1 / 6.0	1920x1080	6 ~ 30	8	MP3 / AC3 / LPCM / ADPCM / WMA
		XviD	1920x1080	6 ~ 30	8	
		H.264 BP/MP/HP	1920x1080	6 ~ 30	25	
		MPEG4 SP / ASP	1920x1080	6 ~ 30	8	
		Motion JPEG	640x480	6 ~ 30	8	
*.wmv	ASF	Window Media Video v9	1920x1080	6 ~ 30	25	WMA

File Extention	Container	Video Codec	Resolution	Frame rate (fps)	Bit rate (Mbps)	Audio Codec
*.mp4	MP4	H.264 BP / MP / HP	1920x1080	6 ~ 30	25	MP3 / ADPCM / AAC
		MPEG4 SP / ASP	1920x1080	6 ~ 30	8	
		XVID	1920x1080	6 ~ 30	8	
*.3gp	3GPP	H.264 BP / MP / HP	1920x1080	6 ~ 30	25	ADPCM / AAC / HE-AAC
		MPEG4 SP / ASP	1920x1080	6 ~ 30	8	
*.vro	VRO VOB	MPEG1	1920x1080	24 / 25 / 30	30	AC3 / MPEG / LPCM
		MPEG2	1920x1080	24 / 25 / 30	30	

File Extention	Container	Video Codec	Resolution	Frame rate (fps)	Bit rate (Mbps)	Audio Codec
*.mpg *.mpeg	PS	MPEG1	1920x1080	24 / 25 / 30	30	AC3 / MPEG / LPCM / AAC
		MPEG2	1920x1080	24 / 25 / 30	30	
		H.264	1920x1080	6 ~ 30	25	
*.ts *.tp *.trp	TS	MPEG2	1920x1080	24 / 25 / 30	30	AC3 / AAC / MP3 / DD+ / HE-AAC
		H.264	1920x1080	6 ~ 30	25	
		VC1	1920x1080	6 ~ 30	25	

Other Restrictions



NOTE

- If there are problems with the contents of a codec, the codec will not be supported.
- If the information for a Container is incorrect and the file is in error, the Container will not be able to play correctly.
- Sound or video may not work if the contents have a standard bit rate/frame rate above the compatible Frame/sec listed in the table above.
- If the Index Table is in error, the Seek (Jump) function is not supported.
- When you play a video through your network, it may not play, depending on the network status. for LCD 550 series


- The menu may take longer to appear if the video's bit rate exceeds 10Mbps.
- Some USB/digital camera devices may not be compatible with the TV.

Video Decoder	Audio Decoder
<ul style="list-style-type: none"> ● Supports up to H.264, Level 4.1 ● H.264 FMO / ASO / RS, VC1 SP / MP / AP L4 and AVCHD are not supported. ● For XVID, MPEG4 SP, and ASP : <ul style="list-style-type: none"> – Below 1280 x 720: 60 frame max – Above 1280 x 720: 30 frame max ● GMC is not support. 	<ul style="list-style-type: none"> ● Supports up to WMA 7, 8, 9 STD, 9 PRO. ● WMA Lossless, Voice Lossless, Voice is not supported. ● The WMA sampling rate 22050Hz mono is not supported.

Playing movie continuously (Resume Play)

If you exit a movie when it is playing, you can play the movie later from the point where you stopped it.




1. Select the movie file you stopped and want to resume by pressing the ◀ or ▶ button.
2. Press the ▶ (Play) or **ENTER** ↵ button.
3. Press the **D** button to select **Play Continuously(Resume Play)**.
The Movie will begin to play from where you stopped it.

 **Play Continuously(Resume Play)** is only available when you resume playing a movie you had stopped.






■ Music


Playing Music


1. Press the ◀/▶/▲/▼ button to select the desired music file in the file list.
2. Press the **ENTER**  button or  (Play) button.
 - You can use the  (REW),  (FF), Pause, Stop, and Play buttons on the bottom of your remote control control during playback.



-  While a music file is playing, press the **TOOLS** button to access additional functions such as **Repeat Mode**, **Shuffle Mode**, **Sound Mode**, and **Information**.
-  **My Contents** only displays files with MP3 and PCM file extensions. Other file extensions are not displayed, even if they are saved on the same USB device.
-  If the sound is abnormal when you play MP3 files, adjust the **Equalizer** in the **Sound** menu. (An over-modulated MP3 file may cause a sound problem.)

Playing selected music



1. Press the  (**Edit Mode**) button. A check box appears on the left side of all the music files.

2. Using the arrow keys, highlight a file you want to play, and then press **ENTER** .

 A check appears in the check box of the selected file.

3. Repeat for each file you want to play.

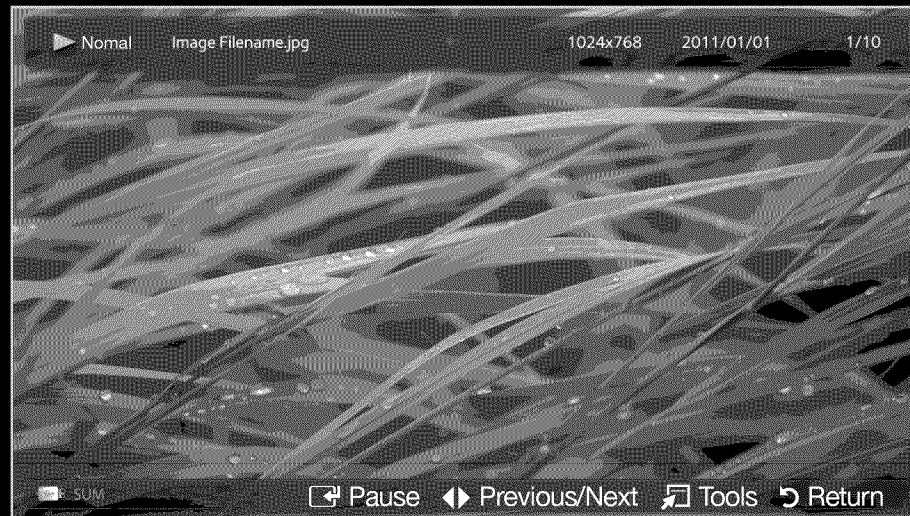
4. Press the **TOOLS** button, and then select **Play Selected Contents**.




 You can select or deselect all music by pressing the **Select All/Deselect All**. You can select or deselect a single file by pressing the **ENTER**  button.

■ Photos

Viewing a Photo (or Slide Show)

1. Press the ◀/▶/▲/▼ button to select the desired photo in the file list.
 2. Press the **ENTER** ↵ button.
 - To view files manually, one at a time, press the left or right arrow buttons.
 - To start the slide show, press the **ENTER** ↵ button when the file you selected is displayed.
 - During the slide show, all files in the file list are displayed in order.
- 🖱️ When you press the ▶ (Play) button in the file list, the slide show will start immediately.




-  During a **Slide Show**, press the **TOOLS** button to access additional functions such as **Slide Show Speed**, **Background Music**, **Zoom**, and **Rotate**.
-  You can add background music to a slide show if you have music files on your USB device or PC by setting **Background Music** to **On** in the **Tools** menu, and then selecting music files to play.
-  You can use the **Pause**, **Stop**, and **Play** buttons on the bottom of your remote control during a slide show.



❑ My Contents - Additional Functions

Sorting the file lists

Press the  button in the file list to sort the files. Checks indicate which media the sort criteria apply to.

Sort Criteria	Operation	Videos	Music	Photos
Folder View	Displays the whole folder. You can view a photo by selecting the folder.	✓	✓	✓
Title Search	Sorts and displays the file titles in Alphabet/Number/Symbol order.	✓	✓	✓
Latest Date	Sorts and shows files by the latest date.	✓		✓
Earliest Date	Sorts and shows files by the earliest date.	✓		✓

Sort Criteria	Operation	Videos	Music	Photos
Artist	Sorts music files by artist in alphabetical order.		✓	
Album	Sorts music file by album in alphabetical order.		✓	
Genre	Sorts music files by the genre.		✓	
Monthly	Sorts and shows photo files by month.			✓



Videos/Music/Photos Play Option menus


When playing a file, press the **TOOLS** button. Checks indicate which media the options apply to.

Option Name	Operation	Videos	Music	Photos
Title Search	You immediately load a video file you select.	✓		
Time Search	You can search a video at one minute intervals using the ◀ and ▶ buttons or by entering a location in minutes and seconds directly using your remote control.	✓		
Shuffle Mode	You can play music files randomly.		✓	
Repeat Mode	You can play movie and music files repeatedly.	✓	✓	

Option Name	Operation	Videos	Music	Photos
Picture Size	You can adjust the picture size to your preference.	✓		
Picture Mode	You can adjust the picture setting.	✓		✓
Sound Mode	You can adjust the sound setting.	✓	✓	✓
Subtitle Language	You can enjoy a video in a supported languages. The function is only enabled when stream-type files which support multiple audio formats are played.	✓		



Option Name	Operation	Videos	Music	Photos
Subtitle Setting	You can play a video with Subtitles. This function only works if the subtitle file has the same file name as the video file and the appropriate file extension. For example, Avatar.ttxt.	✓		
Start Slide Show / Pause Slide Show	You can start or pause a slide show.			✓
Slide Show Speed	You can select the slide show speed during the slide show.			✓
Background Music	You can turn background music on and off when watching a slide show.			✓

Option Name	Operation	Videos	Music	Photos
Background Music Setting	You can select background music when watching a Slide Show.			✓
Zoom	You can zoom into images in full screen mode. Use the ENTER  button to increase or decrease the zoom. Use the arrow buttons to select the area to enlarge.			✓
Rotate	You can rotate images in full screen mode. Use the left and right arrow buttons to rotate the picture. The rotation is only temporary.			✓
Information	You can see detailed information about the played file.	✓	✓	✓

What is Anynet+? **TOOLS**

Anynet+ is a function that enables you to control all connected Samsung devices that support Anynet+ with your Samsung TV's remote control. The Anynet+ system can be used only with Samsung devices that have the Anynet+ feature. To be sure your Samsung device has this feature, check if there is an Anynet+ logo on it.


NOTE

- You must connect an Anynet+ device using an HDMI cable. Some HDMI cables may not support Anynet+ functions.
- Anynet+ works when the AV device supporting Anynet+ is in the standby or on status.
- Anynet+ supports up to 12 AV devices in total. Note that you can connect up to 3 devices of the same type.
- However, you can connect only one receiver (home theater).

Anynet+ Menu

The Anynet+ menu changes depending on the type and status of the Anynet+ devices connected to the TV.

Anynet+ Menu	Description
View TV	Changes Anynet+ mode to TV broadcast mode.
Device List	Shows the Anynet+ device list.
(device_name) MENU	Shows the connected device menus. For example, if a DVD player is connected, the disc menu of the DVD player will appear.
(device_name) Tools	Shows the play menu of the connected device. For example, if a DVD player is connected, the play menu of the DVD player will appear.

Anynet+ Menu	Description
(device_name) Title Menu	Shows the title menu of the connected device. For example, if a DVD player is connected, the title menu of the movie in the DVD player will appear.  Depending on the device, this menu may not be available.
Receiver	Sound is played through the receiver.



□ Setting Up Anynet+


 MENU  → System → Anynet+ (HDMI-CEC) → ENTER 

■ Anynet+ (HDMI-CEC)

Anynet+ (HDMI-CEC) (Off / On): To use the Anynet+ Function, you must set Anynet+ (HDMI-CEC) to On.






 When the **Anynet+ (HDMI-CEC)** function is disabled, all the Anynet+ related operations are deactivated.

◀ **Auto Turn Off (No / Yes):** Set an Anynet+ Device to turn off automatically when the TV is turned off. ▶

 If **Auto Turn Off** is set to **Yes**, running external devices will turn off at the same time as the TV turns off. However, a device may not turn off if a recording is in progress.

 **Auto Turn Off** may not be enabled depending on the device.

❑ Switching between Anynet+ Devices

1. Press the **TOOLS** button, select **Anynet+ (HDMI-CEC)**, and then press **ENTER** 
2. Select **Device List**, and then press the **ENTER**  button.
 -  If you cannot find a device you want, press the **A** button to refresh the list.
3. Select a device, and then press the **ENTER**  button. You can switch to the selected device.
 -  The **Device List** menu appears only when you set **Anynet+ (HDMI-CEC)** to **On** in the **System** menu.
 - Switching to the selected device may take up to 2 minutes. You cannot cancel the operation during the switching operation.
 - If you have selected an Anynet+ device by pressing the **SOURCE** button and then selecting its input source, you cannot use the Anynet+ function. You must select and switch to an Anynet+ device by using the **Device List** for Anynet+ to work.

❑ Listening through a Receiver

You can listen through a receiver (i.e Home Theater) instead of the TV speaker.

1. Select **Receiver** and set to **On**.

2. Press the **EXIT** button to exit.

☞ If your receiver supports audio only, it may not appear in the device list.

☞ The receiver will work when you have properly connected the optical in jack of the receiver to the DIGITAL AUDIO OUT (OPTICAL) jack of the TV.

☞ When the receiver (i.e Home Theater) is set to **On**, you can hear sound output from the TV's Optical jack. When the TV is displaying a DTV (air) signal, the TV will send out 5.1 channel sound to the receiver. When the source is a digital component such as a DVD and it is connected to the TV via HDMI, you will hear only 2 channel sound from the receiver.

 **NOTE**

- You can only control Anynet+ devices using the TV remote control, not the buttons on the TV.
- The TV remote control may not work under certain conditions. If this occurs, reselect the Anynet+ device.
- The Anynet+ functions do not operate with other manufacturers' products.



❑ Troubleshooting for Anynet+

Problem	Possible Solution
Anynet+ does not work.	<ul style="list-style-type: none">● Check if the device is an Anynet+ device. The Anynet+ system supports Anynet+ devices only.● You can connect only one receiver (home theater) connected.● Check if the Anynet+ device power cord is properly connected.● Check the Anynet+ device's Video/Audio/HDMI cable connections.● Check whether Anynet+ (HDMI-CEC) is set to On in the System menu.

Problem	Possible Solution
Anynet+ does not work.	<ul style="list-style-type: none">● Check whether the TV remote control is in TV mode.● Check whether the remote control is Anynet+ compatible.● Anynet+ does not work in certain situations. (Searching channels, operating My Contents or Plug & Play (initial setup), etc.)● When connecting or removing the HDMI cable, please make sure to search devices again or turn your TV off and on again.● Check if the Anynet+ Function of Anynet+ device is set on.


Problem	Possible Solution
I want to start Anynet+.	<ul style="list-style-type: none">● Check if the Anynet+ device is properly connected to the TV and check if the Anynet+ (HDMI-CEC) is set to On in the System menu.● Press the TOOLS button to display the Anynet+ menu and select a menu you want.
I want to exit Anynet+.	<ul style="list-style-type: none">● Select View TV in the Anynet+ menu.● Press the SOURCE button on the TV remote control and select a device other than an Anynet+ device.● Press ▼ CH ▲ and PRE-CH to change the TV mode. (Note that the channel button operates only when a tuner-embedded Anynet+ device is not connected.)

Problem	Possible Solution
The message 'Connecting to Anynet+ device...' appears on the screen.	<ul style="list-style-type: none">● You cannot use the remote control when the TV is in the process of configuring Anynet+ or switching to a view mode.● Use the remote control after the TV has finished Anynet+ configuration or has finished switching to Anynet+.
The Anynet+ device does not play.	<ul style="list-style-type: none">● You cannot use the play function when Plug & Play (initial setup) is in progress.

Problem	Possible Solution
The connected device is not displayed.	<ul style="list-style-type: none">● Check whether or not the device supports Anynet+ functions.● Check whether or not the HDMI cable is properly connected.● Check whether Anynet+ (HDMI-CEC) is set to On in the System menu.● Search Anynet+ devices again.● You can connect an Anynet+ device using an HDMI cable only. Some HDMI cables may not support Anynet+ functions.● If Anynet+ is terminated because there has been a power failure or the HDMI cable has been disconnected, please repeat the device scan.
The TV sound is not output through the receiver.	<ul style="list-style-type: none">● Connect the optical cable between TV and the receiver.

□ **About AllShare™** for LCD 550 series

AllShare™ connects your TV and compatible Samsung mobile phones / devices through a network. On your TV, you can view call arrivals and SMS messages received by your mobile phones. In addition, you can play media contents including videos, photos and music saved on your mobile phones or the other devices (such as your PC) by controlling them on the TV via the network. Additionally, you can use your TV for browsing web pages on your mobile phone.

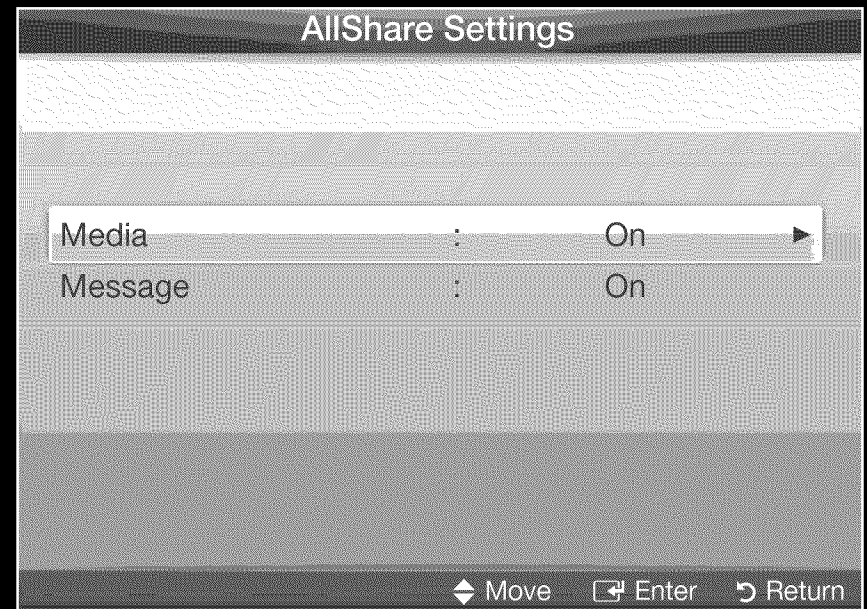
 For more information, visit “www.samsung.com” or contact the Samsung call center. Mobile devices may need additional software installation. For details, refer to each device’s user’s guide.

❑ Setting Up AllShare™

📄 MENU ☰ → Network → AllShare Settings → ENTER ↵

■ AllShare Settings

- **Media (On / Off):** Enables or disables the media function. When the media function is on, you can control Media contents play using mobile phones or other devices that support DLNA DMC.
- **Message (On / Off):** Enables or disables the message function (for call arrivals and SMS messages received by your mobile phones).




■ Media / Message

Shows a list of mobile phones or connected devices which have been set up to use the **Media** or **Message** function with this TV.

 The **Media** function is available in all devices which support DLNA DMC.




- **Allow / Deny:** Allows/Blocks the devices.
- **A Delete:** Deletes the devices from the list.

 This function only deletes the name of the devices from the list. If the deleted device is turned on or tries to connect to the TV, it may appear on the list again.

Using the Media Function

You can play media contents including videos, photos and music saved on your mobile phones or the other devices (such as your PC) by controlling them on the TV via the network.

NOTE

- To turn off the media contents transmission from the devices, set **Media** to **Off** in the **AllShare Settings**.
- Contents may not play on your TV depending on their resolution and format.
- The **ENTER**  and  /  buttons may not work depending on the type of media content.
- Using the devices, you can control the media playing. For details, refer to each device's user's guide.

Using the Message Function



You can view call arrivals and SMS messages received by your mobile phone, through the alarm window, while watching TV.

NOTE

- To disable the alarm window, set **Message** to **Off** in the **AllShare Settings**.
- If **OK** is selected, or if **OK** is not selected after the message has appeared once, the message will be deleted. The message is not deleted from the mobile phone.
- When a message from an unknown mobile phone is displayed, select the mobile phone in the message menu in **AllShare Settings** and select **Deny** to block the phone.

Message View

If a new SMS message arrives while you are watching TV, the alarm window appears. If you click the OK button, the contents of the message are displayed.

-  You can configure the viewing settings for SMS messages on your mobile phones. For the procedures, refer to the mobile phone manual.
-  Some types of characters may be displayed as blank or broken characters.





Call Arrival Alarm

If a call arrives while you are watching TV, the alarm window appears.

Schedule Alarm

While you are watching TV, the alarm window appears to display the scheduled event.

-  You can configure viewing settings for schedule contents on your mobile phone. For the procedures, refer to the mobile phone manual.
-  Some special characters may be displayed as blank or broken characters.

❑ Troubleshooting

If the TV seems to have a problem, first review this list of problems and solutions. If none of these troubleshooting tips apply, visit samsung.com, then click on Support, or call Samsung customer service at 1-800-SAMSUNG.

Issues	Solutions and Explanations
Poor picture	<p>First, perform the Picture Test and to see if your TV is properly displaying the test image.</p> <ul style="list-style-type: none">● Go to MENU - Support - Self Diagnosis - Picture Test <p>If the test image is properly displayed, the poor picture may be caused by the source or signal.</p>

Issues

The TV image does not look as good as it did in the store.

Solutions and Explanations

Store displays are typically tuned to digital, HD (high definition) channels.

- If you have an analog cable/satellite box, upgrade to a digital set top box. Use HDMI or Component cables to deliver HD (high definition) picture quality.
- Cable/Satellite subscribers: Try HD channels from the channel line up.
- Air/Cable Antenna connection: Try HD channels after performing an Auto program.
 - ☒ Many HD channels are up scaled from SD (Standard Definition) contents. Look for a channel that is broadcasting true HD content.
- Adjust the Cable/Set top box video output resolution to 1080i or 720p.

Issues	Solutions and Explanations
<p>The picture is distorted: macroblock error, small block, dots, pixelization.</p>	<ul style="list-style-type: none">● The compression of video contents may cause picture distortion, especially in fast moving pictures such as sports and action movies.● A weak signal can cause picture distortion. This is not a TV problem.● Mobile phones used close to the TV (within 3.3 ft) may cause noise in the picture on analog and digital channels.
<p>Color is wrong or missing.</p>	<ul style="list-style-type: none">● If you're using a Component connection, make sure the component cables are connected to the correct jacks. Incorrect or loose connections may cause color problems or a blank screen.

Issues	Solutions and Explanations
<p>There is poor color or brightness.</p>	<ul style="list-style-type: none"> ● Adjust the Picture options in the TV menu. (go to Picture Mode / Color / Brightness / Sharpness) ● Adjust the Energy Saving option in the TV menu (go to MENU - System - ECO Solution - Energy Saving) ● Try resetting the picture to view the default picture setting. (go to MENU - Picture - Reset Picture)
<p>There is a dotted line on the edge of the screen.</p>	<ul style="list-style-type: none"> ● If the picture size is set to Screen Fit, change it to 16:9. ● Change the cable/satellite box resolution.
<p>The picture is black and white.</p>	<ul style="list-style-type: none"> ● If you are using an AV composite input, connect the video cable (yellow) to the Green jack of Component input 1 on the TV.

Issues	Solutions and Explanations
When changing channels, the picture freezes or is distorted or delayed.	<ul style="list-style-type: none">● If the TV is connected to a cable box, please try to reset the box. (Reconnect the AC cord and wait until the cable box reboots. It may take up to 20 minutes.)● Set output resolution of the cable box to 1080i or 720p.
Sound Problem	<p>First, perform the Sound Test to determine if your TV audio is operating properly.</p> <ul style="list-style-type: none">● Go to MENU - Support - Self Diagnosis - Sound Test <p>If the audio is OK, the sound problem may be caused by the source or signal.</p>
There is no sound or the sound is too low at maximum volume.	<ul style="list-style-type: none">● Please check the volume of the device (Cable/Sat Box, DVD, Blu-ray, etc.) connected to your TV.

Issues

The picture is good but there is no sound.

Solutions and Explanations

- Set the **Speaker Select** option to **TV speaker** in the **Sound** menu.
- If you are using an external device, check the device's audio output option (Ex. You may need to change your cable box's audio option to HDMI if you have the box connected to your TV using an HDMI cable.).
- If you are using a DVI to HDMI cable, a separate audio cable is required.
- Reboot the connected device by reconnecting the device's power cable.

Issues	Solutions and Explanations
<p>The speakers are making an inappropriate noise.</p>	<ul style="list-style-type: none"> ● Check the cable connections. Make sure a video cable is not connected to an audio input. ● For Antenna or Cable connections, check the signal information. A weak signal may cause sound distortion. ● Perform the Sound Test as explained above.
<p>No Picture, No Video</p>	
<p>◀ The TV will not turn on.</p>	<ul style="list-style-type: none"> ● Make sure the AC power cord is securely plugged into the wall outlet and the TV. ● Make sure the wall outlet is working. ● Try pressing the POWER button on the TV to make sure the problem is not the remote control. If the TV turns on, refer to 'Remote control does not work' below. <p style="text-align: right;">▶</p>

Issues

The TV turns off automatically.

Solutions and Explanations

- Ensure the **Sleep Timer** is set to **Off** in the **System** menu.
- If your PC is connected to the TV, check your PC power settings.
- Make sure the AC power cord is plugged in securely to the wall outlet and the TV.
- When you are watching TV programs from an antenna, the TV will turn off after 10 - 15 minutes if there is no signal.

Issues

There is no picture/
video

Solutions and Explanations

- Check the cable connections. (Remove and reconnect all cables connected to the TV and external devices).
- Set your external device's (Cable/Sat Box, DVD, Blu-ray etc) video outputs to match the connections to the TV input. For example, if an external device's output is HDMI, it should be connected to an HDMI input on the TV.
- Make sure your connected devices are powered on.
- Be sure to select the TV's correct source by pressing the **SOURCE** button on the remote control.
- Reboot the connected device by reconnecting the device's power cable.

Issues

Solutions and Explanations

RF(Cable/Antenna) Connection

The TV is not receiving all channels.

- Make sure the coaxial cable is connected securely.
- Run **Auto Program** to add available channels to the channel list. Go to **MENU - Channel - Auto Program** then select Auto and make sure to select the correct Cable TV signal type. There are 3 options, **STD**, **HRC** and **IRC**. Most cable systems use **STD**.
- Verify the antenna is positioned correctly.

No Caption on digital channels.

Check the Caption Setup menu. Try changing **Caption Mode Service 1** to **CC1**.

Some channels may not have caption data.

Issues	Solutions and Explanations
<p>The picture is distorted: macroblock, error, small block, dots, pixelization.</p>	<ul style="list-style-type: none"> ● Compression of video contents may cause picture distortion. especially on fast moving pictures such as sports and action movies. ● A weak signal can cause picture distortion. This is not a TV problem.
<p>PC Connection</p>	
<p>A “Mode Not Supported” message appears.</p>	<ul style="list-style-type: none"> ● Set your PC’s output resolution so it matches the a resolution supported by the TV.
<p>“PC” is always shown on the source list, even if a PC is not connected.</p>	<ul style="list-style-type: none"> ● This is normal. “PC” is always shown in the source list, regardless of whether a PC is connected.

Issues

Solutions and Explanations

The video is OK but there is no audio.

- If you are using an HDMI connection, check the audio output setting on your PC.

Network Connection for LCD 550 series

The wireless network connection failed.

- The Samsung Wireless USB dongle is required to use a wireless network.
- Make sure the network connection is set to **Wireless (General)**.
- Make sure the TV is connected to a wireless IP sharer (router).

Issues

Solutions and Explanations

Software Upgrade over the network fails.

- Try **Network Settings** in the **Network** menu.
- If you have latest SW version, SW upgrade will not proceed.

Others


Purple/green rolling horizontal bars and buzzing noise from the TV speakers with Component cable connection.

- Remove the left and right audio connections from the set-top-box. If the buzzing stops, this indicates that the set-top-box has a grounding issue. Replace the Component video cables with an HDMI connection.

Issues	Solutions and Explanations
The picture will not display in full screen.	<ul style="list-style-type: none">● HD channels will have black bars on either side of the screen when displaying up scaled SD (4:3) contents.● Black bars will appear on the top and bottom of the screen when you watch movies that have aspect ratios different from your TV.● Adjust the picture size option on your external device or change the TV to full screen.
The remote control does not work.	<ul style="list-style-type: none">● Replace the remote control batteries. Make sure you insert them with the plus and minus ends in the correct direction.● Clean the transmission window located on the top of the remote control.● Try pointing the remote control directly at the TV from 5~6 feet away.

Issues	Solutions and Explanations
<p>The cable/set top box remote control does not turn the TV on or off, or adjust the volume.</p>	<ul style="list-style-type: none">● Program the Cable/Set top box remote control to operate the TV. Refer to the Cable/Set top box user manual for the SAMSUNG TV code.
<p>A “Mode Not Supported” message appears.</p>	<ul style="list-style-type: none">● Check the supported resolution of the TV and adjust the external device’s output resolution accordingly. Refer to resolution settings in this manual.
<p>Caption on the TV menu is greyed out.</p>	<ul style="list-style-type: none">● You cannot select Caption in the TV menu when watching content from a device connected via HDMI or Component.● Caption must be activated on the external device.

Issues	Solutions and Explanations
There is a plastic smell from the TV.	<ul style="list-style-type: none"> ● This smell is normal and will dissipate over time.
TV Signal Information is unavailable in the Self Diagnosis Test menu.	<ul style="list-style-type: none"> ● This function is only available for digital channels the TV receives from an Antenna / RF/Coax connection.
TV is tilted to the right or left side.	<ul style="list-style-type: none"> ● Remove the stand base from the TV and reassemble it.
The Channel menu is grey out (unavailable).	<ul style="list-style-type: none"> ● The Channel menu is only available when you select the TV source.

Issues	Solutions and Explanations
<p>Your settings are lost after 30 minutes or every time the TV is turned off.</p>	<ul style="list-style-type: none">● If TV is in the Store Demo mode, it will reset audio and picture settings every 30 minutes. Please change from Store Demo mode to Home Use mode using the Plug & Play procedure. Press the SOURCE button to select TV mode, go to MENU → System → Plug & Play → ENTER .
<p>You have intermittent loss of audio or video.</p>	<ul style="list-style-type: none">● Check the cable connections and reconnect them.● Loss of audio or video can be caused by using overly rigid or thick cables. Make sure the cables are flexible enough for long term use. If mounting the TV to the wall, we recommend using cables with 90 degree connectors.

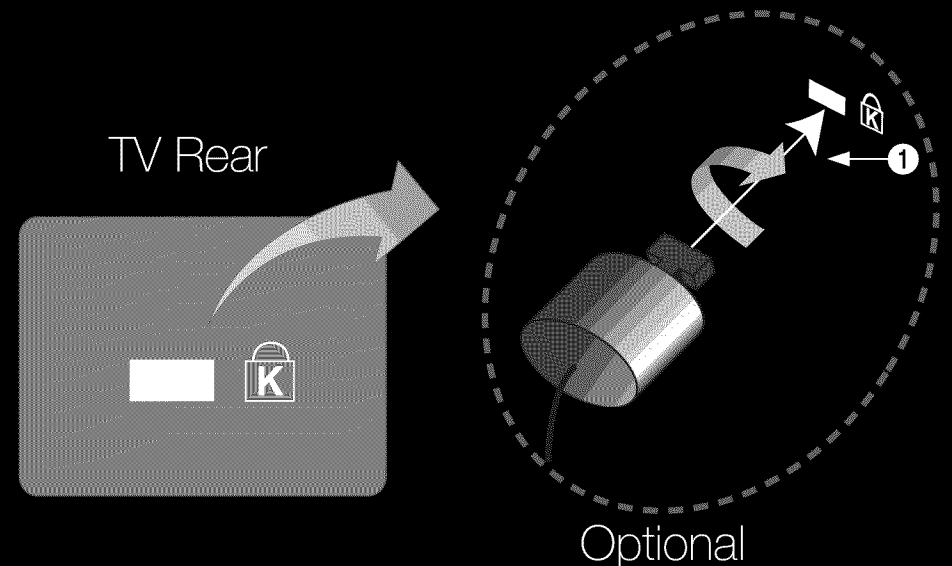
Issues	Solutions and Explanations
The PIP menu is not available.	<ul style="list-style-type: none">● PIP functionality is only available when you are using an HDMI, PC, or Component source.
You see small particles when you look closely at the edge of the frame of the TV.	<ul style="list-style-type: none">● This is part of the product's design and is not a defect.
POP (TV's internal banner ad) appears on the screen.	<ul style="list-style-type: none">● Select Home Use under Plug & Play mode. For details, refer to Plug & Play (Initial Setup).

❑ Anti-theft Kensington Lock

A Kensington Lock is a device you can use to physically fix your TV in place when using it in a public place. You wrap the Kensington Lock's cable around a large, immobile object and then attach the lock to the Kensington slot on the back of the TV.

The appearance and locking method may differ from the illustration below depending on the manufacturer. Refer to the manual provided with the Kensington Lock for additional information on proper use. The Kensington Lock is not supplied by Samsung.

📖 Please find a “🔒” icon on the rear of the TV. The Kensington slot is beside the “🔒” icon.



To lock the product, follow these steps:


1. Wrap the Kensington lock cable around a large, stationary object such as desk or chair.
2. Slide the end of the cable with the lock attached through the looped end of the Kensington lock cable.
3. Insert the locking device into the Kensington slot on the product (1).
4. Lock the lock.

 NOTE

- These are general instructions. For exact instructions, see the User manual supplied with the locking device.
- The locking device has to be purchased separately.
- The location of the Kensington slot may be different depending on the TV model.

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