

# SAMSUNG LED TV user manual

Figures and illustrations in this User Manual are provided for reference only and may differ from actual product appearance. Product design and specifications may be changed without notice.

## Still image warning

Avoid displaying still images (live jpg picture files) or still image element (like TV programme logo, panorama or 4:3 image format, stock or news bar at screen bottom etc.) on the screen. Constant displaying of still picture can cause ghosting of LED screen, which will affect image quality. To reduce risk of this effect, please follow below recommendations:

- Avoid displaying the same TV channel for long periods.
- Always try to display any image on full screen, use TV set picture format menu for best possible match.
- Reduce brightness and contrast values to minimum required to achieve desired picture quality, exceeded values may speed up the burnout process.
- Frequently use all TV features designed to reduce image retention and screen burnout, refer to proper user manual section for details.

## For India Only

This product is RoHS compliant.

**Correct Disposal of This Product**  
(Waste Electrical & Electronic Equipment)  
This marking on the product & accessories literature indicates that the product and its electronic accessories (e.g. charger, headset, USB cable) should not be disposed of with other household waste at the end of their working life. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate these items from other types of waste and recycle them responsibly to promote the sustainable reuse of material resources. House hold users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take these items for environmentally safe recycling. Business user should contact their supplier and check the terms and conditions of the purchase contract. This product and its electronic accessories should not be mixed other commercial wastes for disposal.

For more information on safe disposal and recycling visit our website [www.samsung.com/in](http://www.samsung.com/in) or contact our helpline number - 18002668282, 180030008282

For personal and non-commercial use only.  
Usage is subject to following the guidelines in the User Manual and may not be available in all regions.



BN68-06938H-02

Contact SAMSUNG WORLD WIDE		
If you have any questions or comments relating to Samsung products, please contact the SAMSUNG customer care centre.		
Country	Customer Care Centre	Web Site
VIETNAM	1800 588 889	<a href="http://www.samsung.com/vn/support">www.samsung.com/vn/support</a>
THAILAND	0-2689 3232	<a href="http://www.samsung.com/th/support">www.samsung.com/th/support</a>
MYANMAR	1800-29-3232	
MYANMAR	01-2398888	<a href="http://www.samsung.com/support">www.samsung.com/support</a>
MALAYSIA	1800-88-9999	<a href="http://www.samsung.com/my/support">www.samsung.com/my/support</a>
MALAYSIA	603-77137477 (Overseas contact)	
PHILIPPINES	1-800-07267864 (PLOT) 1-800-8-7267864 (Globe landline and Mobile) 02-4222111 (Other landline)	<a href="http://www.samsung.com/ph/support">www.samsung.com/ph/support</a>
INDIA	1800 3000 8282 - Toll Free 1800 266 8282 - Toll Free	<a href="http://www.samsung.com/in/support">www.samsung.com/in/support</a>
BAKGLADESH	967230300	<a href="http://www.samsung.com/in/support">www.samsung.com/in/support</a>
SRI LANKA	0094117540540 0094115900000	<a href="http://www.samsung.com/support">www.samsung.com/support</a>
EGYPT	08000726786 16580	<a href="http://www.samsung.com/eg/support">www.samsung.com/eg/support</a>
ALGERIA	021 36 11 00	<a href="http://www.samsung.com/in/support">www.samsung.com/in/support</a>
IRAN	021 4255	<a href="http://www.samsung.com/ir/support">www.samsung.com/ir/support</a>
SAUDI ARABIA	920021230	<a href="http://www.samsung.com/sa/support">www.samsung.com/sa/support</a>
PAKISTAN	0800-Samsung (726786)	<a href="http://www.samsung.com/pk/support">www.samsung.com/pk/support</a>
TUNISIA	80-1000-12	<a href="http://www.samsung.com/afica/support">www.samsung.com/afica/support</a>
U.A.E	800-SAMSUNG (800 - 726 7864)	<a href="http://www.samsung.com/ae/support">www.samsung.com/ae/support</a>
OMAN	800-SAMSUNG (800 - 726 7864)	<a href="http://www.samsung.com/om/support">www.samsung.com/om/support</a>
KUWAIT	183-CALL (183-2255)	<a href="http://www.samsung.com/ku/support">www.samsung.com/ku/support</a>
BAHRAIN	8000-CSAM (8000-4726)	<a href="http://www.samsung.com/bh/support">www.samsung.com/bh/support</a>
QATAR	800-CALL (800-2255)	<a href="http://www.samsung.com/qatar/support">www.samsung.com/qatar/support</a>
JORDAN	0800-22273 08 577444	<a href="http://www.samsung.com/Levant/support">www.samsung.com/Levant/support</a>
SYRIA	1845273	<a href="http://www.samsung.com/Levant/support">www.samsung.com/Levant/support</a>
MOROCCO	080 100 22 55	<a href="http://www.samsung.com/afica/support">www.samsung.com/afica/support</a>
SOUTH AFRICA	0800 SAMSUNG (726 7864)	<a href="http://www.samsung.com/support">www.samsung.com/support</a>
BOTSWANA	8007260000	<a href="http://www.samsung.com/support">www.samsung.com/support</a>
NAMIBIA	08 197 267 864	<a href="http://www.samsung.com/support">www.samsung.com/support</a>
ZAMBIA	0211 36370	<a href="http://www.samsung.com/support">www.samsung.com/support</a>
MOZAMBIQUE	847267864 / 827267864	<a href="http://www.samsung.com/support">www.samsung.com/support</a>
NIGERIA	0800-726-7864	<a href="http://www.samsung.com/afica_en/support">www.samsung.com/afica_en/support</a>
Ghana	0302-200077	<a href="http://www.samsung.com/afica_en/support">www.samsung.com/afica_en/support</a>
Cote D'Ivoire	800 0077	<a href="http://www.samsung.com/afica_en/support">www.samsung.com/afica_en/support</a>
SENEGAL	800 00 0077	<a href="http://www.samsung.com/afica_en/support">www.samsung.com/afica_en/support</a>
CAMEROON	7055-0077	<a href="http://www.samsung.com/afica_en/support">www.samsung.com/afica_en/support</a>
KENYA	0800 545 545	<a href="http://www.samsung.com/afica_en/support">www.samsung.com/afica_en/support</a>
UGANDA	0800 300 300	<a href="http://www.samsung.com/afica_en/support">www.samsung.com/afica_en/support</a>
TANZANIA	0800 755 755	<a href="http://www.samsung.com/afica_en/support">www.samsung.com/afica_en/support</a>
RWANDA	9999	<a href="http://www.samsung.com/afica_en/support">www.samsung.com/afica_en/support</a>
BURUNDI	200	<a href="http://www.samsung.com/afica_en/support">www.samsung.com/afica_en/support</a>
DRC	459999	<a href="http://www.samsung.com/afica_en/support">www.samsung.com/afica_en/support</a>
SUDAN	1989	<a href="http://www.samsung.com/afica_en/support">www.samsung.com/afica_en/support</a>

## Important Safety Instructions

**CAUTION**  
RISK OF ELECTRIC SHOCK. DO NOT OPEN

This symbol indicates that high voltage is present inside. It is dangerous to make any kind of contact with any internal part of this product.

This symbol indicates that important literature concerning operation and maintenance has been included with this product.

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). THERE ARE NO USER SERVICEABLE PARTS INSIDE. REFER ALL SERVICING TO QUALIFIED PERSONNEL.

- The slots and openings in the cabinet and in the back or bottom are provided for necessary ventilation. To ensure reliable operation of this apparatus, and to protect it from overheating, these slots and openings must never be blocked or covered.
  - Do not cover the slots and openings with a cloth or other materials.
  - Do not block the slots and openings by placing this apparatus on a bed, sofa, rug or other similar surface.
  - Do not place this apparatus in a confined space, such as a bookcase or built-in cabinet, unless proper ventilation is provided.
- Do not place this apparatus near or over a radiator or heat register, or where it is exposed to direct sunlight.
- Do not place a vessel containing water (vase etc.) on this apparatus, as this can result in a risk of fire or electric shock.
- Do not expose the apparatus to rain or place it near water (near a bathtub, washbowl, kitchen sink, or laundry tub, in a wet basement, or near a swimming pool etc.). If this apparatus accidentally gets wet, unplug it and contact an authorized dealer immediately.
- Make sure to pull out the power cord from the outlet before cleaning.
- This apparatus uses batteries. In your community, there might be regulations that require you to dispose of these batteries properly to protect the environment. Please contact your local authorities for disposal or recycling information.
- Do not overload wall outlets, extension cords, or adapters beyond their capacity, since this can result in fire or electric shock.
- Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them. Pay particular attention to cords at the plug end, where connected to adapters, and at the point where they exit from the apparatus.
- To protect this apparatus from a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the set due to lightning and power line surges.
- Before connecting the AC power cord to the DC adaptor outlet, make sure the voltage designation of the DC adaptor corresponds to the local electrical supply. (Depending on the model)
- Never insert anything metallic into the open parts of this apparatus. Doing so may create a danger of electric shock.
- To avoid electric shock, never touch the inside of this apparatus. Only a qualified technician should open this apparatus.
- Make sure to plug the power cord in until it is firmly inserted. Pull on the plug, not the cord, when removing the power cord from the outlet. Do not touch the power cord with wet hands.
- If this apparatus does not operate normally - in particular, if there are any unusual sounds or smells coming from it - unplug it immediately and contact an authorized dealer or service center.
- Be sure to pull the power plug out of the outlet if the TV is to remain unused or if you are to leave the house for an extended period of time (especially when children, elderly or disabled people will be left alone in the house).
  - Accumulated dust can cause an electric shock, an electric leakage, or a fire by causing the power cord to generate sparks and heat, or cause the insulation to deteriorate.
- Be sure to contact an authorized service center, when installing your set in a location with heavy dust, high or low temperatures, high humidity, chemical substances or where it will operate for 24 hours a day such as in an airport, a train station, etc. Failure to do so may cause serious damage to your set.
- Use only a properly grounded plug and receptacle.
  - An improper ground may cause electric shock or equipment damage. (Class I Equipment only.)
- To turn off the apparatus completely, you must pull the power plug out of the wall socket. Consequently, the power plug should be readily accessible at all times.
- Do not allow children to hang onto the product.
- Store the accessories (batteries, etc.) in a location safely out of the reach of children.
- Do not install the product in an unstable location such as a shelf, a slanted floor, or a location exposed to vibration.
- Do not drop or impart a shock to the product. If the product is damaged, disconnect the power cord and contact a service center.
- To clean the product, unplug the power cord from the power outlet and wipe the product using a soft, dry cloth. Do not use any chemicals such as wax, benzene, alcohol, thinners, insecticides, air freshener, lubricant or detergent. This may damage the appearance or erase the printing on the product.
- Do not expose the apparatus to dripping or splashing.
- Do not dispose of batteries in a fire.
- Do not short circuit, disassemble, or overheat the batteries.
- Do not short circuit, disassemble, or overheat the batteries.
- There is a danger of explosion if you replace the batteries with the wrong type of battery. Replace only with the same or equivalent type.
- WARNING - TO PREVENT THE SPREAD OF FIRE, KEEP CANDLES OR OTHER OPEN FLAMES AWAY FROM THIS PRODUCT AT ALL TIMES.

## Changing the Input Source

### Source List

Use to select TV or other external input sources such as DVD / Blu-ray players / cable box / STB satellite receiver connected to the TV.

1. Press the SOURCE button.
2. Select a desired external input source.

### TV / AV / Component / HDMI1 / HDMI2/DVI

When you only choose external devices that are connected to the TV. In the Source List, connected inputs will be highlighted.

## How to use Edit Name

Edit Name lets you associate a device name to an input source. To access Edit Name, enter Support menu and select Edit Name. Name the device connected to the input jacks that make your input source selection easier.

When connecting a PC to the HDMI IN 2 (DVI) port with HDMI cable, you should set the TV to PC mode under Edit Name.

When connecting a PC to the HDMI IN 2 (DVI) port with HDMI to DVI cable, you should set the TV to DVI PC mode under Edit Name.

When connecting an AV devices to the HDMI IN 2 (DVI) port with HDMI to DVI cable, you should set the TV to DVI mode under Edit Name.

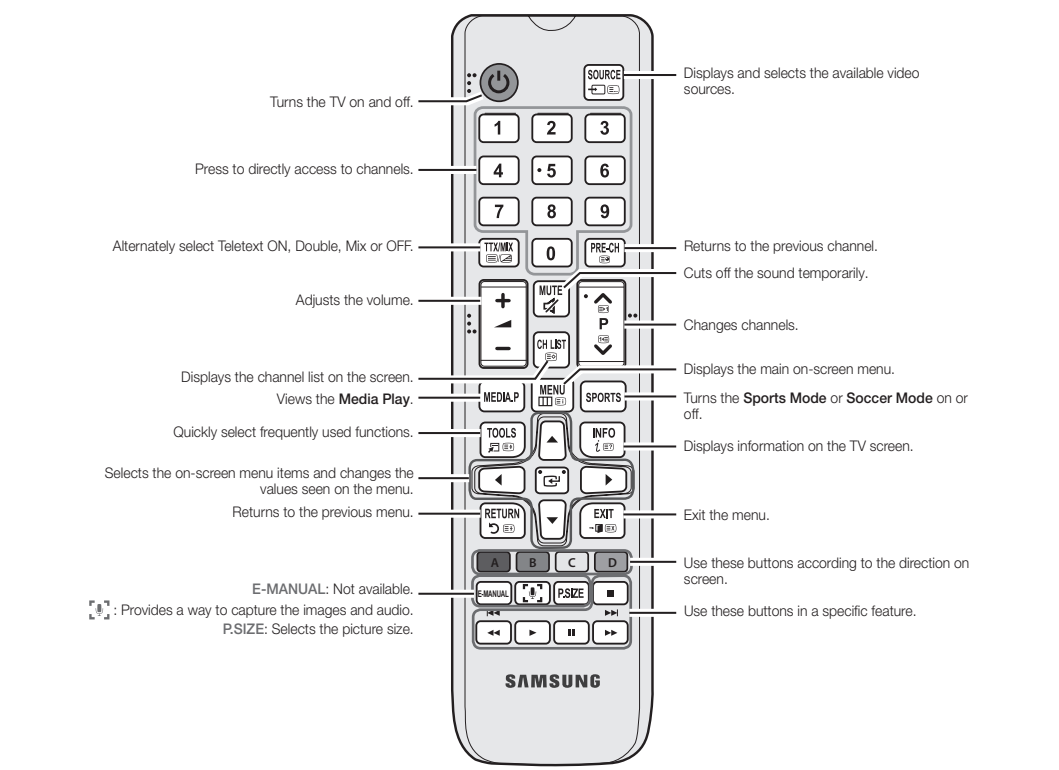
## Information

Press INFO (i) button, you can see detailed information about the selected external device.

Information only available for the current connected source.

## Remote Control

This remote control has Braille points on the Power, Channel, and Volume buttons and can be used by visually impaired persons.

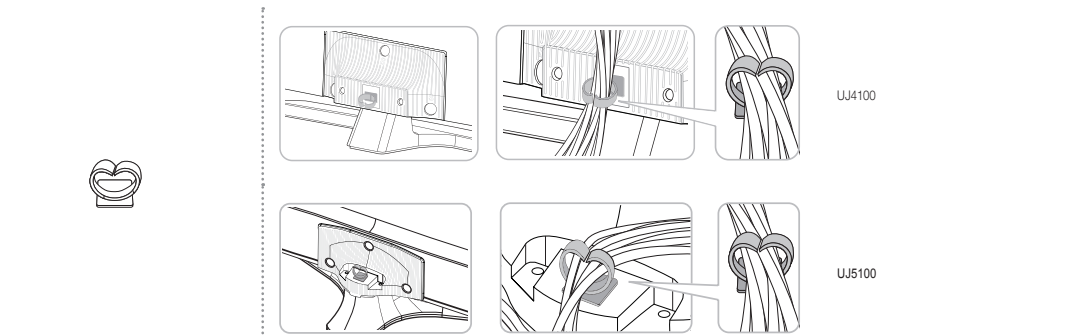


UA4100/5100

## Getting Started

### Accessories

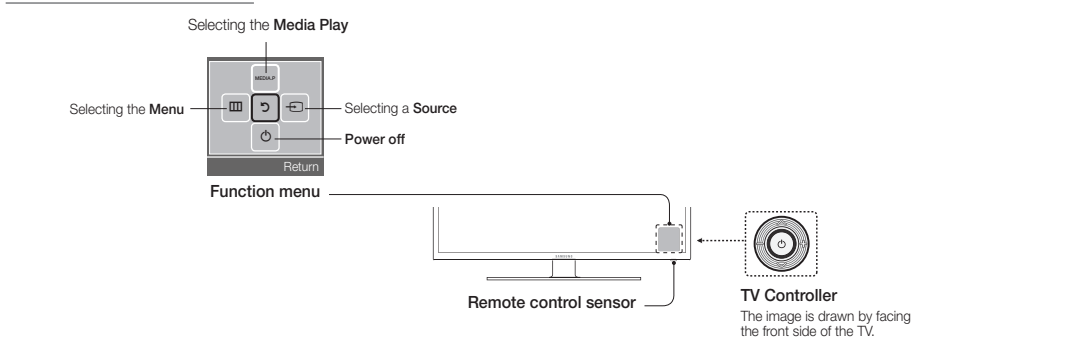
- Remote Control & Batteries (AAA x 2)
- User Manual
- Warranty Card / Regulatory Guide (Not available in some locations)
- Power Cord
- Only for UA4100:
- Bracket-Wall
- Wall-Mount Kit
- Spacer-Felt
- Wall-Mount Quick setup guide
- Screw Setting Guide



- Cable Holder (1EA)
- Assembling the Cable Holder
- Composite (AV)
- Component
- Coaxial (RF)
- HDMI
- HDMI-DVI

### Input Cables (Sold Separately)

### TV Controller (Panel Key)



- To close the Menu, Media Play List, or Source List, press the Controller for more than 1 second.
- When selecting the function by moving the controller to the up/down/left/right directions, be sure not to press the controller. If you press it first, you cannot operate it to move the up/down/left/right directions.

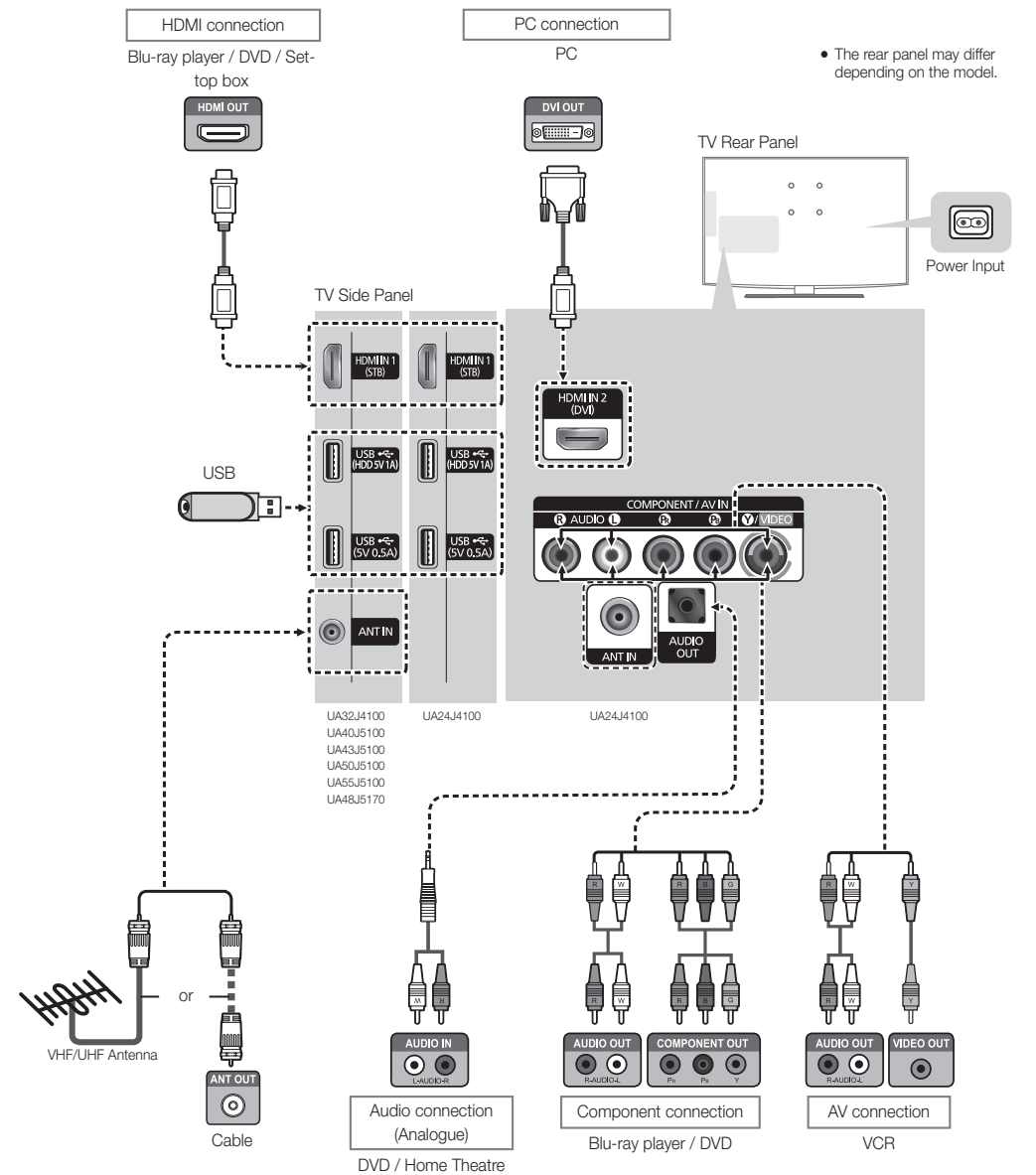
### Plug & Play (Initial Setup)

When you turn the TV on for the first time, a sequence of screens and on-screen prompts will assist you in configuring the TV's basic settings. Plug the power cord into a wall outlet, and then press the POWER button to turn on the TV. Set the initial setup following instructions that the TV guides.

- If you are not using a cable box or satellite box, make you sure have connected the TV to an Aerial or cable connection before you turn on the TV.
- Connecting the power cord and antenna. (refer to "Connections")

## Connections

- For better picture and audio quality, connect to a digital device using an HDMI cable.
- The picture may not display normally if at all or the audio may not work if an external device that uses an older version of HDMI mode is connected to the TV. If such a problem occurs, ask the manufacturer of the external device about the HDMI version and, if out of date, request an upgrade.
- Be sure to purchase a certified HDMI cable. Otherwise, the picture may not display or a connection error may occur.
- PC / DVI AUDIO IN input is not supported.
- For HDMI/DVI cable connection, you must use the HDMI IN 2 (DVI) port.
- Connecting through the HDMI cable may not be supported depending on the PC.
- If an HDMI to DVI cable is connected to the HDMI IN 2 (DVI) port, the audio does not work.
- For Set-top box connection using HDMI cable, we highly recommend you to connect the HDMI IN 1 (STB) port.





## Support Menu

### Using the Media Play

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

### Connecting a USB Device

- Turn on your TV.
- Connect a USB device containing photo, music and/or movie files to the **USB** jack on the side of the TV.
- When USB is connected to the TV, you can select **Media Play**.

The maximum displayed number of partition is 4.

### Using the Media Play (USB) Menu

- Press the MENU button. Press the **▲** or **▼** button to select **Support**, then press the ENTER button.
  - Press the **▲** or **▼** button to select **Media Play (USB)**, then press the ENTER button.
  - Press the **◀** or **▶** button to select an icon (**Videos**, **Music**, **Photos**, **Story Replay**), then press the ENTER button.
- It might not work properly with unlicensed multimedia files.
- If you want to view detailed information of the file being played, press TOOLS button in the file list, and then select **Information**.
- Need-to-Know List before using **Media Play (USB)**
- Supported file systems are FAT and NTFS.
  - Certain types of USB Digital camera and audio devices may not be compatible with this TV.
  - Media Play** only supports USB Mass Storage Class (MSC) devices. MSC is a Mass Storage Class Bulk-Only Transport device. Examples of MSC are Thumb drives and Flash Card Readers. Devices should be connected directly to the TV's USB port. (LED 4100, 5100 series : USB HDD power supported limitation is 1A.) Does not support smart devices connected in MTP or PTP protocol.
  - 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.
  - A USB device that requires high power may not be supported. (LED 4100, 5100 series and above: 1A)
  - 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 a USB extension cable is used, the USB device may not be recognised or the files on the device may not be read.
  - 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.
  - PTP device is not supported.
  - If an over-power warning message is displayed while you are connecting or using a USB device, the device may not be recognised or may malfunction.

- The power-saving mode of some external hard disk drives may be released automatically when you connect them to the TV.
- If a USB device connected to the TV is not recognised, 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 **Media Play**, use the "Empty the Recycle Bin" function on the PC to permanently delete the file.
- Photos** only supports sequential jpeg format.
- The scene search and thumbnail functions are not supported in the **Videos**.
- If the number of files and folders saved on a USB storage device is approximately over 4000, the files and folders may not appear and some folders may not be opened.
- The maximum displayed number of files, including sub folders, in one folder of USB storage device is 1000.
- The media may not be playing smoothly when using the device higher than USB 2.0.

The maximum displayed number of partition is 4.

- The file name only works in supported menu language. The other language is not displayed properly.

### Videos

- Press the **◀** or **▶** button to select **Videos**, then press the ENTER button in the **Media Play** menu.
  - Press the **◀/▶/▲/▼** buttons to select the desired video in the file list.
  - Press the ENTER button or **[▶]** (Play) button.
- The selected file is displayed on the top with its playing time.
  - If video time information is unknown, playing time and the progress bar are not displayed.
  - During video playback, you can search using the **◀** and **▶** button.
  - You can use **[REW]** and **[FF]** buttons during playback.
- In this mode, you can play movie clips contained in a game, but you cannot play the game itself.

### Supported Subtitle Formats

File Extension	Name	Container	Format
- External	MPEG-4 .m4v text	MP4	Text
	SAMI	.smi	Text
	SubRip	.srt	Text
	SubViewer	.sub	Text
	Micro DVD	.sub or .txt	Text
	SubStation Alpha	.ssa	Text
- Internal	Advanced SubStation Alpha	MP4	Text

File Extension	Name	Container	Format
- External	Xvid	AVI	Picture Format
	SubStation Alpha	MKV	Text Format
	Advanced SubStation Alpha	MKV	Text Format
	SubRip	MKV	Text Format
	MPEG-4 .m4v text	MP4	Text Format
	MPEG-4 .m4v text	MP4	Text Format

### Supported Video Formats

File Extension	Container	Video Codec	Resolution	Frame Rate/Sec	Bitrate/Mbps	Audio Codec
*.mp4	MP4	DxV 3.11k, 12.5 x 8.0	1920x1080	6-30	20Mbps	MP3 / AAC /
		H.264	1920x1080	6-30	20Mbps	MP3 / AAC /
		VC1	1920x1080	6-30	20Mbps	MP3 / AAC /
		MPEG	640x480	6-30	10Mbps	MP3 / AAC /
		DxV 3.11k, 12.5 x 8.0	1920x1080	6-30	20Mbps	MP3 / AAC /
		MPEG 128k	1920x1080	6-30	20Mbps	MP3 / AAC /
*.avi	AVI	H.264	1920x1080	6-30	20Mbps	MP3 / AAC /
		MPEG	640x480	6-30	10Mbps	MP3 / AAC /
*.asf	ASF	DxV 3.11k, 12.5 x 8.0	1920x1080	6-30	20Mbps	MP3 / AAC /
		MPEG 128k	1920x1080	6-30	20Mbps	MP3 / AAC /
*.ts	TS	MPEG2 TS	1920x1080	6-30	20Mbps	MP3 / AAC /
		H.264	1920x1080	6-30	20Mbps	MP3 / AAC /
*.m2ts	PS	MPEG2	1920x1080	6-30	20Mbps	MP3 / AAC /
		MPEG2	1920x1080	6-30	20Mbps	MP3 / AAC /
*.3gp	3GPP	MPEG 128k	1920x1080	6-30	20Mbps	MP3
		H.264	1920x1080	6-30	20Mbps	MP3
*.h264	h264	H.264	1920x1080	6-30	20Mbps	MP3
		H.264	1920x1080	6-30	20Mbps	MP3

### Other Restrictions

- Video content will not play, or not play correctly, if there is an error in the content or the container.
- 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.
- The menu may take longer to appear if the video's bit rate exceeds 10Mbps.
- Video content can not be played, if there are many contents in one file.

Video Decoder
Supports up to H.264, Level 4.1 H.264 PM / ASO / RS, VC1 SP / MP / AP / L4 and AVCHD are not supported. MPEG4 SP, ASP
Below 1280 x 720: 60 frame max Above 1280 x 720: 30 frame max H.263 is not supported. GMC is not support.
Audio Decoder
Supports up to WMA7, 8, 9 STD, 9 PRO, 10 PRO WMA 9 PRO and WMA 10 PRO support 5.1 channel. (LBR mode of WMA Pro is not supported) WMA Lossless is not supported.

- Music**
- 1. Press the **◀** or **▶** button to select **Music**, then press the ENTER button in the **Media Play** menu.
- 2. Press the **◀/▶/▲/▼** buttons to select the desired Music in the file list.
- Press the ENTER button or **[▶]** (Play) button.
- During music playback, you can search using the **◀** and **▶** button.
- [REW]** and **[FF]** buttons do not function during play.
- Only displays the files with MP3 file extension. Other file extensions are not displayed, even if they are saved on the same USB device.
- If the need to change **Equalizer** - when playing MP3, then exit **Media Play**, adjust the **Equalizer** in the **Sound** menu. (An over-modulated MP3 file may cause a sound problem.)
- Photos**
- 1. Press the **◀** or **▶** button to select **Photos**, then press the ENTER button in the **Media Play** menu.
- 2. Press the **◀/▶/▲/▼** buttons to select the desired photo in the file list.
- 3. Press the ENTER button or **[▶]** (Play) button.

- NOTE**
- While a photo list is displayed, press the **[▶]** (Play) / ENTER button on the remote control to start the slide show.
- All files in the file list section will be displayed in the slide show.
- During the slide show, files are displayed in order.
- During the slide show, you can adjust the slide show speed using **[<>]** (REW) or **[>>]** (FF) buttons.
- You can move to other file using **◀** or **▶** button.
- Press TOOLS button and select **Background Music**. Music files can be automatically played during the Slide Show if the **Background Music** is set to **On**.
- The **Mode** in **Background Music** cannot be changed until the BGM has finished loading.

### Supported Photo Formats

Image	Photo	Resolution
JPEG	Base-line	15360 x 8704
	Progressive	1024 x 768

### Other Restrictions

CMYK, YCCK Colour space JPEG are not supported.

### Playing Multiple Files

#### Playing selected video/music/photo files

- Press the Yellow button in the file list to select the desired file.
  - Repeat the above operation to select multiple files.
- NOTE**
  - The **✓** mark appears to the left of the selected files.
  - To cancel a selection, press the Yellow button again.
  - To deselect all selected files, press the TOOLS button and select **Deselect All**.
  - Playing the video/music/photo file group**
  - While a file list is displayed, move to any file in desired group.

- Copying the files to the other USB device (For 4100 / 5100 models)**
  - 1. Press the **[▶]** button in the file list to select the desired file.
  - 2. When you press the **[▶]** button, the selected files copy to the other USB device.
  - Available only when both USB devices are connected to the TV.
  - The FAT32 file system cannot copy the file which size is more than 4GB.
  - Copy&Capture is only available for 4100/5100 models.
  - The maximum number of marked files for one folder is 999, if to be continued, 1 more files can be marked in another folder.
- | USB            | Support File System |
|----------------|---------------------|
| Play (Read)    | NTFS, FAT, FAT32    |
| Copy & Capture | FAT, FAT32          |
| Delete         | NTFS, FAT, FAT32    |
| Format         | NTFS, FAT, FAT32    |
- All file system format will be transformed to FAT32 system after formatting.

### Media Play - Additional Functions

#### Videos/Music/Photos Play Option menus

When playing a file, press the TOOLS button.

Category	Operation	Videos	Music	Photos
Title	You can move the other file directly.	✓	✓	✓
Repeat Mode	You can play movie and music files repeatedly.	✓	✓	✓
Picture Size	You can adjust the picture size to your preference.	✓	✓	✓
Picture Mode	You can adjust the picture setting.	✓	✓	✓
Sound Mode	You can start or stop a Slide Show.	✓	✓	✓
Subtitle Settings	You can play the video with Subtitles. This function only works if the subtitles are the same file name as the video.	✓	✓	✓
Audio language	You can change the audio language if the video has more than one language.	✓	✓	✓
Stop Slide Show / Start Slide Show	You can start or stop a Slide Show.	✓	✓	✓
Slide Show Speed	You can select the slide show speed during the slide show.	✓	✓	✓
Background Music	You can set and select background music when watching a Slide Show.	✓	✓	✓
Zoom	You can zoom into images in full screen mode.	✓	✓	✓
Rotate	You can rotate images in full screen mode.	✓	✓	✓
Information	You can see detailed information about the played file.	✓	✓	✓

### Using the Sports Mode

#### Sports Mode [TOOLS]

This mode provides optimized condition for watching sports games.

**Zoom:** Pause playback and dived the picture into 9 parts. Select a part to zoom in. Press this button again to resume.

- When **Sports Mode** is **On**, the picture and sound modes are set to **Stadium** automatically.
- If you turn the TV off while watching **Soccer Mode**, the **Sports Mode** will be disabled.
- Mode name may vary depending on nations. **Cricknet Mode**, **Sports Mode**.

### Cricket Game

Add fun to the live game predict result for each ball of over.

**Predict Start:** In the game of predict the user predicts the outcome of the next ball or the next over and earns consecutive points. Predict is made essentially for the 2 most popular formats of the game i.e. One day (50 Overs ) and T20 (20 overs ). (Depending on the country and model.)

### Using the Family TV Feature

This mode provides a way to capture the images and audio.

- Only available for UA4100/5100
- Press **[\*]** and the **Family TV Feature** mode will be turned on, or press MENU button, enter Support Menu select **Family TV Feature**. Press **[\*]** again the **Family TV Feature** mode will be turned off.
- Before enabling the **Family TV Feature** mode, the USB device should be connected first.
- Media Play** mode not available.
- Sports Mode** and **Game Mode** and **Cinema Mode** can not be operated at the same time.

### Screen Capture

After turning on the **Family TV Feature** mode, press **[<]** to make a current screen capture.

Items are stored in **Photos** folder in **Media Play**.

### Sound Recording

After turning on the **Family TV Feature** mode, press **[>]** to make a recording of the current sound, press **[>]** again to stop the recording. Items are stored in **Music** folder in **Media Play**.

### Story Replay

- To start Story Replay while watching TV, press **[>]**. This records audio in real-time, and captures the screen every 5 seconds in the meanwhile.
- A pop-up window will appear on the screen while recording is in progress.
- To stop Story Replay, press **[>]**. The recording is stored as a .plt file on the USB device connected to the TV. Thumbnails of the story recordings are then shown on the screen.
- Select the thumbnail screen to play the saved files in Media Play.
- You cannot change the channel or source to an external device. To change the channel or the source to an external device, first stop story recording.

Story Replay feature is just an application provided by Samsung and Samsung does not take any responsibility of its use by the user. The use/ intended use of the application is for the personal or private use of the user only. User shall be responsible for complying with all other laws of the land while using the application and shall further be liable for any damage, penalty, legal action arising out of misuse of application, including without limitation, infringement of Intellectual Property Rights.

### View Content

- Press **[>]** to get into **Media Play**.
- Press **◀** or **▶** button to select **Music** and **Story Replay** for items of recording or **Photos** for items of capturing.
- Family TV Feature** are for personal use only, not for commercial purpose and/or communication to the public.
  - The user may not use these features for commercial purposes without prior approval from the copyright owners and/or to use it unlawfully.
  - Samsung does not accept responsibility for any misuse of the service.

### Default Recording Device

You can set the default device for saving captured image files and recorded audio files.

- If you turn the TV off while watching **Soccer Mode**, the **Sports Mode** will be disabled.
- Mode name may vary depending on nations. **Cricknet Mode**, **Sports Mode**.

### Software Upgrade

**Software Upgrade** can be performed by downloading the latest firmware from "www.samsung.com" to a USB memory device.

### Changing the Use Mode

- Select the **Use Mode** suitable for your place. We strongly recommend you select **Home Use**.
- Home Use:** Home Use is the default setting.
  - Store Demo:** **Store Demo** is for retail environments only. If you select **Store Demo**, some functions will not work, and the picture settings will be reset every 5 minutes.

### DiViX® Video On Demand

Shows the registration code authorised for the TV. If you connect to the DiViX web site and register with 10-digit registration code, you can download the VOD activation file. Once you play it using **Media Play**, the registration is completed.

For more information on DiViX® VOD, visit <http://vod.dvix.com>.

### HD Connection Guide

You can read a guide to connect external devices for HD sources.

### 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 centres, and how to download products and software.

## Other Information

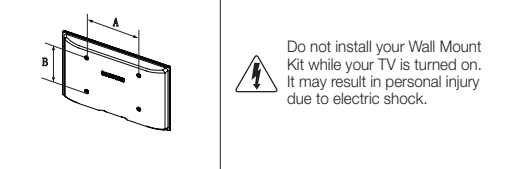
### Installing the Wall Mount

- Installing the Wall Mount kit with the GUIDE-STAND supplied by SAMSUNG, Please refer to the "Wall Mount Quick Setup Guide" (Only for UA4100)
- Installing other Wall Mount Kits, Please refer as follow:  
The wall mount kit (sold separately) allows you to mount the TV on the wall. For detailed information on installing the wall mount, see the instructions provided with the wall mount. Contact a technician for assistance when installing the wall mount bracket. We do not advise you to do it yourself.  
Samsung Electronics is not responsible for any damage to the product or injury to yourself or others if you select to install the TV on your own.

#### Wall Mount Kit Specifications (VESA)

- The wall mount kit is not supplied, but sold separately.
- Install your wall mount on a solid wall perpendicular to the floor. When attaching to other building materials, please contact your nearest dealer. If you install the TV on a ceiling or slanted wall, it may fall and result in severe personal injury.
- NOTE**
- Standard dimensions for wall mount kits are shown in the table below.
- When purchasing our wall mount kit, a detailed installation manual and all parts necessary for assembly are provided.
- Do not use screws that do not comply with the VESA standard screw specifications.
- Do not use screws longer than the standard dimension, as they may cause damage to the inside of the TV set.
- For wall mounts that do not comply with the VESA standard screw specifications, the length of the screws may differ depending on the wall mount specifications.
- Do not fasten the screws too firmly. This may damage the product or cause the product to fall, leading to personal injury. Samsung is not liable for these kinds of accidents.
- Samsung is not liable for product damage or personal injury when a non-VESA or non-specified wall mount is used or the consumer fails to follow the product installation instructions.
- Do not mount the TV at more than a 15 degree tilt.
- Always have two people mount the TV on a wall.

Product Family	Models	VESA screw hole specs (A" B) in millimeters	Standard Screw	Quantity
LED-TV	UA24J4100	75 X 75	M4	4
	UA32J4100 UA40J5100 UA43J5100	200 x 200	M8	
	UA50J5100 UA55J5100 UA65J5170	400 x 400	M8	



## Securing the TV to the Wall

- Caution:** Pulling, pushing, or climbing onto the TV may cause the TV to fall. In particular, ensure that your children do not hang over or destabilize the TV; doing so may cause the TV to tip over, resulting in serious injuries or death. Follow all safety precautions provided on the included Safety Flyer. For added stability, install the anti-fall device for safety purposes, as follows.

### To prevent the TV from falling

- Since the necessary cables, screws, and string are not supplied, please purchase these additionally.
- Put the screws into the clamps and firmly fasten them onto the wall. Confirm that the screws have been firmly installed onto the wall.
- You may need additional material such as an anchor depending on the type of wall.
- Since the necessary cables, screws, and string are not supplied, please purchase these additionally.
- Remove the screws from the back Centre of the TV, put the screws into the clamps, and then fasten the screws onto the TV again.
- Connect the clamps fixed onto the TV and the clamps fixed onto the wall with a strong cable and then tie the string tightly.
- Note**
- Install the TV near to the wall so that it does not fall backwards.
- It is safe to connect the string so that the clamps fixed on the wall are equal to or lower than the clamps fixed on the TV.
- Untie the string before moving the TV.
- Verify all connections are properly secured. Periodically check connections for any sign of fatigue for failure. If you have any doubt about the security of your connections, contact a professional installer.

### Kensington Lock

- The Kensington Lock is not supplied by Samsung. It is a device used to physically fix the system when using it in a public place. Refer to the manual provided with the Kensington Lock for additional information on proper use.
- Please find a "K" icon on the rear of the TV. The Kensington slot is beside the "K" icon.
  - The position and colour may differ depending on the model.
  - To lock the product, follow these steps:**
  - Wrap the Kensington lock cable around a large, stationary object such as desk or chair.
  - Slide the end of the cable with the lock attached through the looped end of the Kensington lock cable.
  - Insert the locking device into the Kensington slot on the product.
  - Lock the lock.
  - 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.

## Troubleshooting

If you have any questions about the TV, first refer to this list. If none of these troubleshooting tips apply, please visit "www.samsung.com," then click on Support, or contact the call centre listed on the back-cover of this manual.

Problem	Possible Solution
<b>Picture Quality</b>	
The TV image does not look as good as it did in the store.	<ul style="list-style-type: none"><li>If you have an analogue cable/set top box, upgrade to a digital set top box. Use HDMI or Component cables to deliver HD (high definition) picture quality.</li><li>Antenna connection: Try HD stations after performing Auto tuning.</li><li>Many HD channels are up scaled from SD(Standard Definition) contents.</li><li>Adjust the Cable/Set top box video output resolution to 1080i or 720p.</li><li>Make sure you are watching the TV at the minimum recommended distance based on the size and definition of the signal.</li></ul>
The picture is distorted: macroblock error, small block, dots, pixelization	<ul style="list-style-type: none"><li>Compression of video contents may cause picture distortion especially in fast moving pictures such as sports and action movies.</li><li>Low signal level or bad quality can cause picture distortion. This is not a TV issue.</li><li>Mobile phones used close to the TV (cca up to 1m) may cause noise in picture on analogue and digital TV.</li></ul>
Colour is wrong or missing.	<ul style="list-style-type: none"><li>If you're using a component connection, make sure the component cables are connected to the correct jacks. Incorrect or loose connections may cause colour problems or a blank screen.</li></ul>
There is poor colour or brightness.	<ul style="list-style-type: none"><li>Adjust the <b>Picture</b> options in the TV menu. (go to <b>Picture Mode / Colour / Brightness / Sharpness</b>)</li><li>Try resetting the picture to view the default picture settings. (go to MENU - <b>Picture</b> - <b>Picture Reset</b>)</li></ul>
There is a dotted line on the edge of the screen.	<ul style="list-style-type: none"><li>If the picture size is set to <b>Picture Options</b>, change it to <b>16:9</b>.</li><li>Change cable/satellite box resolution.</li></ul>
The picture is black and white.	<ul style="list-style-type: none"><li>If you are using an AV composite input, connect the video cable (yellow) to the Green jack of component input 1 on the TV.</li></ul>
When changing channels, the picture freezes or is distorted or delayed.	<ul style="list-style-type: none"><li>If connected with a cable box, please try to reset the cable box. Reconnect the AC cord and wait until the cable box reboots. It may take up to 20 minutes.</li><li>Set the output resolution of the cable box to 1080i or 720p.</li></ul>
<b>Sound Quality</b>	
There is no sound or the sound is too low at maximum volume.	<ul style="list-style-type: none"><li>Please check the volume of external device connected to your TV.</li></ul>
The picture is good but there is no sound.	<ul style="list-style-type: none"><li>Set the <b>Speaker Select</b> option to <b>TV Speaker</b> in the sound menu.</li><li>If you are using an external device, make sure the audio cables are connected to the correct audio input jacks on the TV.</li><li>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 when you have a HDMI connected to your TV).</li><li>If you are using a HDMI cable, a separate audio cable is required.</li><li>If your TV has a headphone jack, make sure there is nothing plugged into it.</li></ul>
The speakers are making an inappropriate noise.	<ul style="list-style-type: none"><li>Check the cable connections. Make sure a video cable is not connected to an audio input.</li><li>For antenna or cable connections, check the signal strength. Low signal level may cause sound distortion.</li></ul>
<b>No Picture, No Video</b>	
The TV will not turn on.	<ul style="list-style-type: none"><li>Make sure the AC power cord is securely plugged in to the wall outlet and the TV.</li><li>Make sure the wall outlet is working.</li><li>Try pressing the POWER button on the TV to make sure the problem is not the remote. If the TV turns on, refer to "The remote control does not work" below.</li></ul>
The TV turns off automatically.	<ul style="list-style-type: none"><li>Ensure the <b>Sleep Timer</b> is set to <b>Off</b> in the <b>Time</b> menu.</li><li>If your PC is connected to the TV, check your PC power settings.</li><li>Make sure the AC power cord is plugged in securely to the wall outlet and the TV.</li><li>When watching TV from an antenna or cable connection, the TV will turn off after 10 ~ 15 minutes if there is no signal.</li></ul>
There is no picture/video.	<ul style="list-style-type: none"><li>Check cable connections (remove and reconnect all cables connected to the TV and external devices).</li><li>Set your external devices' (Cable/Set top 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.</li><li>Make sure your connected devices are powered on.</li><li>Be sure to select the TV's correct source by pressing the SOURCE button on the TV remote.</li></ul>