

LED TV

User Manual

SERIES 5

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 like jpeg 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 with other commercial wastes for disposal.

For more information on safe disposal and recycling visit our website www.samsung.com/in or contact our helpline number - 18002668282, 18003008282

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.

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	www.samsung.com/vn/support
Thailand	0-2689-3232, 1800-28-3232	www.samsung.com/th/support
Myanmar	+95-1-2399-888	www.samsung.com/my/support
Cambodia	+855-23-993232	
Laos	+856-214-17333	
Malaysia	1800-88-8999, 803-77137477 (Overseas contact)	www.samsung.com/my/support

PHILIPPINES	1-800-10-726-7864 (PLDT Toll Free) 1-800-3-726-7864 (Globe Landline or Mobile)	www.samsung.com/ph/support
INDIA	1800 3000 8282 - Toll Free 1800 266 8282 - Toll Free	www.samsung.com/in/support
BANGLADESH	0961-2300300 0900-3300300 (Toll Free)	www.samsung.com/bd/support
SRI LANKA	0117540540 0115500000	www.samsung.com/lk/support
EGYPT	08000-7267864 16580	www.samsung.com/eg/support
ALGERIA	3004 (Toll Free)	www.samsung.com/n_afrika/support
IRAN	021-8235 (CE)	www.samsung.com/iran/support
SAUDI ARABIA	800 247 3457 (800 247 HELP)	www.samsung.com/sa/home
PAKISTAN	0800-Samsung (72678)	www.samsung.com/pk/support
TUNISIA	80 1000 12	www.samsung.com/n_afrika/support
U.A.E	800-SAMSUNG (800-726-7864)	www.samsung.com/uae_ar1/support
OMAN	800-SAMSUNG (800-726-7864)	www.samsung.com/uae_ar1/support
KUWAIT	183-CALL (183-2255)	www.samsung.com/uae_ar1/support
BAHRAIN	800-GSAM (800-4726)	www.samsung.com/uae_ar1/support
QATAR	800-CALL (800-2255)	www.samsung.com/uae_ar1/support
JORDAN	0800-22273	www.samsung.com/lebanon/support
SYRIA	962 5777444	www.samsung.com/lebanon/support
LEBANON	961 1484 999	www.samsung.com/lebanon/support
MOROCCO	080 100 22 55	www.samsung.com/n_afrika/support
SOUTH AFRICA	0800 SAMSUNG (726 7864)	www.samsung.com/za/support
DUTS WANA	8007260000	www.samsung.com/za/support
NAMIBIA	08 197 267 864	www.samsung.com/za/support
ZAMBIA	0211 350370	www.samsung.com/za/support
MAURITIUS	800 2550	www.samsung.com/za/support
REUNION	0262 58 58 80	www.samsung.com/za/support
ANGOLA	917 267 864	www.samsung.com/za/support
MOZAMBIQUE	847267864 / 827267864	www.samsung.com/za/support
NIGERIA	0800-726-7864	www.samsung.com/africa/en/support
GHANA	0800-100077	www.samsung.com/africa/en/support
COTE D'IVOIRE	8000 0077	www.samsung.com/africa/tr/support
SENEGAL	800-00-0077	www.samsung.com/africa/tr/support
CAMEROON	67095-0077	www.samsung.com/africa/tr/support
UGANDA	0800 300 300	www.samsung.com/uganda/support
TANZANIA	0685 889 900	www.samsung.com/uganda/support
RWANDA	9999	www.samsung.com/uganda/support
BURUNDI	230	www.samsung.com/uganda/support
DRC	499999	www.samsung.com/uganda/support
SUDAN	1999	www.samsung.com/uganda/support



Important Safety Instructions

Warning! Important Safety Instructions

(Please read the Safety Instructions before using your TV.)

CAUTION

RISK OF ELECTRIC SHOCK DO NOT OPEN

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.

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 this product has included important literature concerning operation and maintenance.

Class II product: This symbol indicates that it does not require a safety connection to electrical earth (ground).

AC voltage: This symbol indicates that the rated voltage marked with the symbol is AC voltage.

DC voltage: This symbol indicates that the rated voltage marked with the symbol is DC voltage.

Caution, Consult Instructions for use: This symbol instructs the user to consult the user manual for further safety related information.

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 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 vessels (vases etc.) containing water on this apparatus, as this can result in a fire or electric shock.

Do not expose this 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. This apparatus uses batteries. In your community, there might be environmental regulations that require you to dispose of these batteries properly. 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.

To avoid electric shock, never touch the inside of this apparatus. Only a qualified technician should open this apparatus.

Power-supply cords should be placed 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, at wall outlets, and at the point where they exit from the appliance.

To protect this apparatus from a lightning storm, or when 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 that the voltage designation of the DC adaptor corresponds to the local electrical supply.

Never insert anything metallic into the open parts of this apparatus. This may cause a danger of electric shock.

Be sure to plug in the power cord until it is firmly seated. When unplugging the power cord from a wall outlet, always pull on the power cord's plug. Never unplug it by pulling on the power cord. 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 centre.

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 by causing the insulation to deteriorate.

Be sure to contact an authorised service centre for information if you intend to install your TV in a location with heavy dust, high or low temperatures, high humidity, chemical substances, or where it will operate 24 hours a day such as in an aerial port, a train station, etc. Failure to do so may lead to serious damage to your TV.

Use only a properly grounded plug and wall outlet.

- An improper ground may cause electric shock or equipment damage. (Class I Equipment only)

Turn off this apparatus completely, disconnect it from the wall outlet. Be sure to have the wall outlet and power plug readily accessible.

Store the accessories (battery, etc.) in a location safely out of the reach of children.

Do not drop or strike the product. If the product is damaged, disconnect the power cord and contact a service centre.

To clean this apparatus, unplug the power cord from the wall outlet and wipe the product with a soft, dry cloth. Do not use any chemicals such as wax, benzene, alcohol, thinners, insecticides, aerial fresheners, lubricants, or detergents. These chemicals can damage the appearance of the TV or erase the printing on the product.

Do not expose this apparatus to dripping or splashing.

Do not dispose of batteries in a fire.

Do not short-circuit, disassemble, or overheat the batteries.

There is danger of an explosion if you replace the batteries used in the remote 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 ITEMS WITH OPEN FLAMES AWAY FROM THIS PRODUCT AT ALL TIMES.**

Getting Started

Accessories

- Remote Control & Batteries (AAA x 2)
- Owner's Instructions
- Warranty Card (Not available in some locations) / Regulatory Guide
- Power Cord



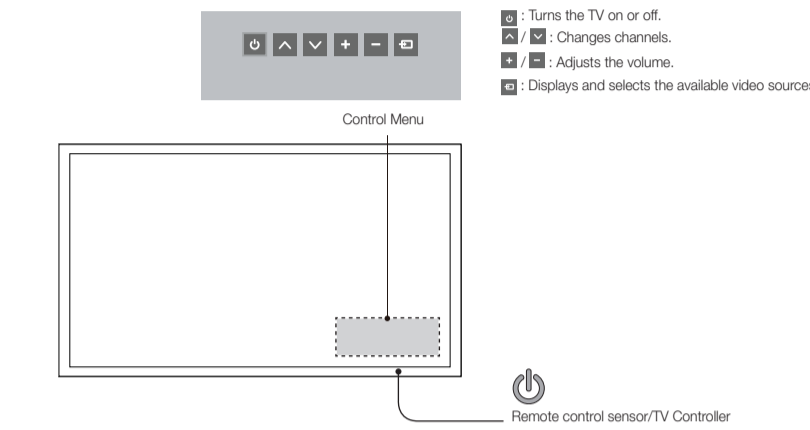
- Wall mount Adapter

Input Cables (Sold Separately)

- Composite (AV)
- Coaxial (RF)
- Component
- HDMI
- HDMI-DVI

TV Controller (Panel Key)

The TV's Controller at the right bottom of the TV, lets you control the TV without the remote control.



- If you press it first, the control menu appears. You can select the function by pressing and holding the TV's Controller.
- The product colour and shape may vary depending on the model.
- With the TV's Controller, you cannot perform other operations except for turning the TV on or off, changing the channel, adjusting the volume, and switching the input source.

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 "Connectors")



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

You can 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 to 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 device 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), you can see detailed information about the selected external device.

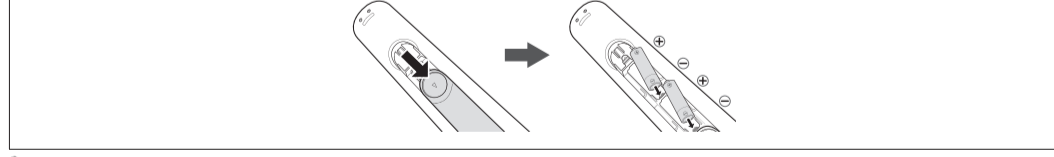
Information only available for the current connected source.

Display Modes (HDMI/DVI Input)

Optimal resolution
4 series: 1366 x 768@60Hz, 1600 x 900@60Hz / 5 series: 1920 x 1080@60Hz

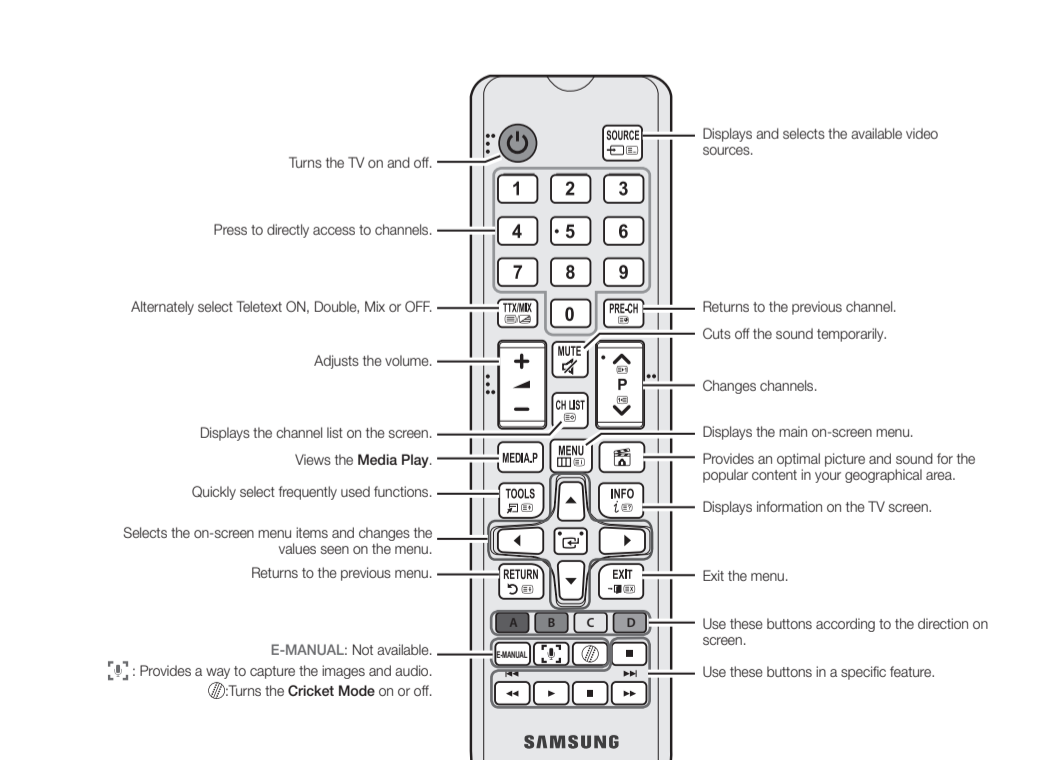
Mode	Resolution	Horizontal Frequency (Hz)	Vertical Frequency (Hz)	Pixel Clock Frequency (MHz)	Sync Polarity (H/V)	1366 x 768	1600 x 900
EM	720 x 400	31.469	70.067	28.322	-/+	✓	✓
	640 x 480	35.000	66.667	30.240	-/+	✓	✓
	800 x 604	49.726	74.561	57.284	-/+	✓	✓
	1152 x 870	66.661	75.062	100.000	-/+	✓	✓
	640 x 480	31.469	59.940	25.175	-/+	✓	✓
	640 x 480	37.861	72.809	31.500	-/+	✓	✓
VESA DMT	640 x 480	37.500	75.000	31.500	-/+	✓	✓
	800 x 600	37.879	60.317	40.000	+/+	✓	✓
	800 x 600	48.077	72.188	50.000	+/+	✓	✓
	800 x 600	48.075	75.000	50.000	+/+	✓	✓
	800 x 600	48.360	60.004	40.000	-/+	✓	✓
	1024 x 768	56.476	75.000	75.000	-/+	✓	✓
	1024 x 768	60.023	75.029	78.750	+/+	✓	✓
	1152 x 864	67.500	75.000	100.000	+/+	✓	✓
	1280 x 720	45.000	60.000	74.250	-/+	✓	✓
	1280 x 800	48.702	59.810	83.500	-/+	✓	✓
	1280 x 1024	63.961	60.000	100.000	+/+	✓	✓
	1280 x 1024	79.916	75.000	135.000	+/+	✓	✓
1366 x 768	47.712	59.790	83.500	-/+	✓	✓	
1440 x 900	55.935	59.867	106.500	-/+	✓	✓	
1600 x 900@B	60.000	60.000	108.000	+/+	✓	✓	
1680 x 1080	65.590	58.964	146.250	-/+	✓	✓	
1920 x 1080	67.500	60.000	148.500	+/+	✓	✓	

Installing batteries (Battery size: AAA)



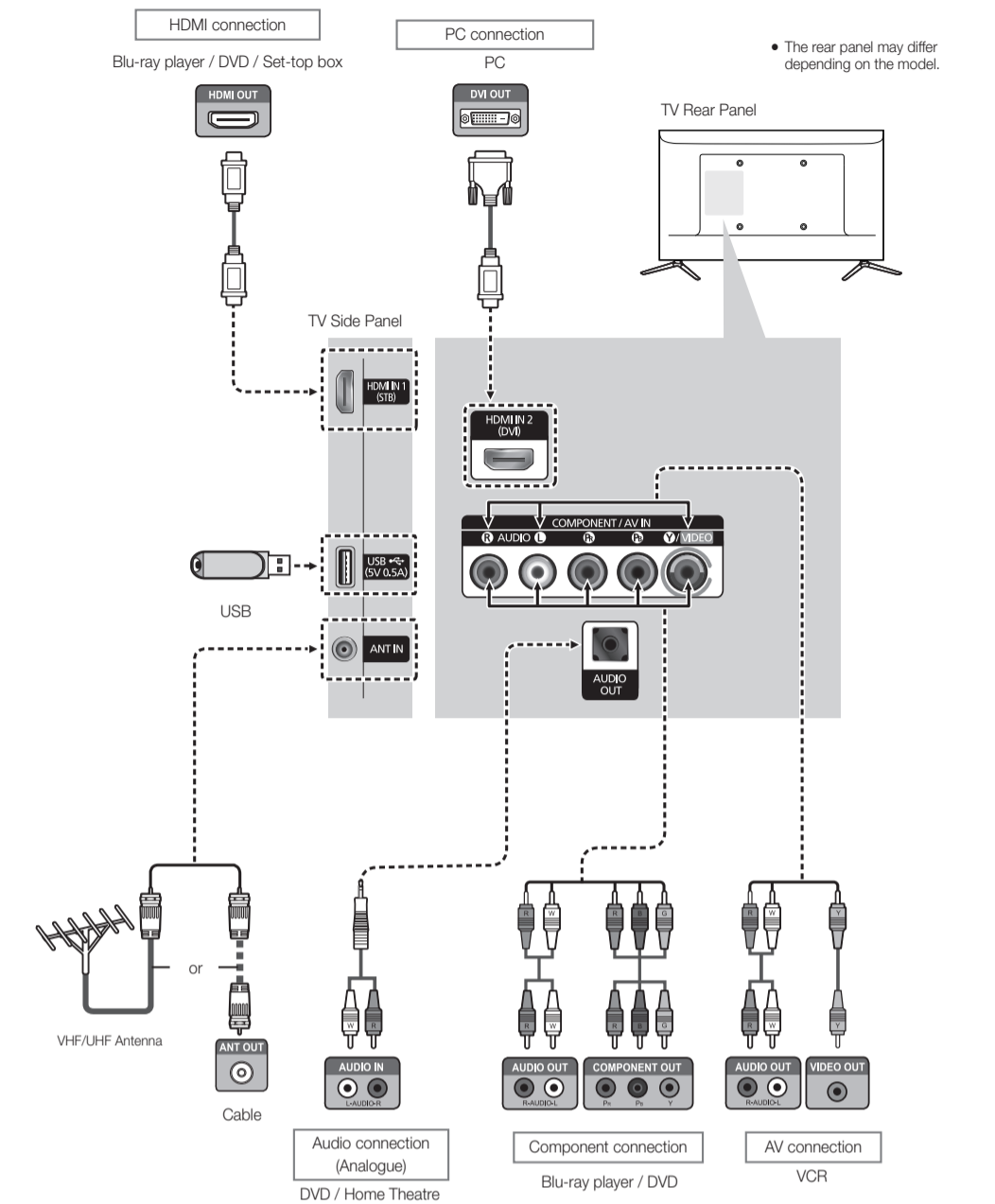
Remote Control

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



Connections

- For better picture and audio quality, connect to a digital device using an HDMI cable.
- 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.
- PC / DVI AUDIO IN input is not supported.
- The picture may not display normally if 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.
- The rear panel may differ depending on the model.



Channel Menu

- Seeing Channels
- Channel List
- Channel Status Display icons
- Retuning Channels
- Area
- Auto Store
- Manual Store
- Channel List Option Menu
- Fine Tune

Icons: A channel deleted.

Area: You can change the desired area.

Auto Store: (Depending on the country) Scan mode for Southwest Asia: Full/Turbo Scans for a channel automatically and stores in the TV.

Manual Store: Scans for a channel manually and stores in the TV.

Channel List Option Menu: Set each channel using the Channel List menu options (Add / Delete). Option menu items may differ depending on the channel status.

NOTE

- Use the remote control within 7 m from TV.
- Bright light may affect the performance of the remote control. Avoid using nearby special fluorescent light or neon signs.
- The Colour and shape may vary depending on the model.

Picture Menu

Picture Mode (TOOLS?)

- Dynamic: Suitable for a bright room.
- Standard: Suitable for a normal environment.
- Movie: Suitable for watching movies in a dark room.

Backlight / Contrast / Brightness / Sharpness / Colour / Tint (G/R)

Your television has several setting options for picture quality control.

Picture Options

- Colour Tone: Select the colour temperature.
- Warn: Will be deactivated when the picture mode is Dynamic.
- Size: Your cable box/satellite receiver may have its own set of screen settings as well. However, we highly recommend you use 16:9 mode most of the time.
- 16:9: Sets the picture to 16:9 wide mode.
- 4:3: Sets the picture to basic (4:3) mode.
- Zoom1/Zoom2: Zoom out 16:9 wide mode vertically to fit the screen size.
- Screen Fit: Displays the full image without any cut-off when HDMI/23p/1080p/1080i signals are inputted.
- Custom: Magnifies or shrinks 16:9 pictures vertically and/or horizontally. A magnified or shrunk picture can be moved left, right, up, and down.
- Do not watch in 4:3 format for a long time. Traces of borders displayed on the left, right and centre of the screen may cause image retention (screen burn) which are not covered by the warranty.
- NOTE
 - Depending on the input source, the picture size options may vary.
 - The available items may differ depending on the selected mode.
 - Settings can be adjusted and stored for each external device connected to an input on the TV.
- Digital Clean View: (Auto / Off / Low / Medium / High) If the broadcast signal received by your TV is weak, you can activate the Digital Clean View feature to reduce any static and ghosting that may appear on the screen.
- When the signal is weak, try other options until the best picture is displayed.
- HDMI Black Level: Selects the black level on the screen to adjust the screen depth.
- Available only in HDMI mode (RGB signals).
- Film Mode: (Auto / Off) Sets the TV to automatically sense and process film signals from all sources and adjust the picture for optimum quality.
- Available in TV mode, AV, COMPONENT (480i / 1080i) and HDMI (480i / 1080i).
- Motion Lighting: Reduce power consumption by brightness control adapted motion.
- Only available in Standard mode.
- Analogue Clean View: Reduces diagonal noise in

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 5100 series : USB HDD power supported limitation is 1A) Does not support smart devices connected in MTP or FTP 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 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.
- FTP 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 **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

- External

Name	File extension
MPEG-4 timed text	.txt
SMIL	.smi
Subrip	.srt
SubViewer	.sub
Micro DVD	.sub or .txt
SubStation Alpha	.ssa
Advanced SubStation Alpha	.ass

Internal	Name	Container	Format
	SubStation Alpha	MKV	Text Format
	Advanced SubStation Alpha	MKV	Text Format
	Subrip	MKV	Text Format
	MPEG-4 Timed text	MPEG	Text Format

Supported Video Formats

File Extension	Container	Video Codec	Resolution	Frame rate(bits)	Bit rate(Mbps)	Audio Codec
.mp4	MP4	DxK 3.114x.125x4.0	1000x1080	6-30	20Mbps	MP3 / AAC / AAC
		H.264	1000x1080	6-30	20Mbps	
		VC1	1000x1080	6-30	20Mbps	
.m2v	AVI	MPEG	640x480	6-30	10Mbps	
		DxK 3.114x.125x4.0	1000x1080	6-30	20Mbps	MP3 / AC3 / LPCM / ADPCM / DTS
		MPEG 1/2/4	1000x1080	6-30	20Mbps	
.avi	AVI	H.264	1000x1080	6-30	20Mbps	MP3 / AC3 / LPCM / ADPCM / DTS
		MPEG	640x480	6-30	10Mbps	
		DxK 3.114x.125x4.0	1000x1080	6-30	20Mbps	MP3 / AC3 / LPCM / ADPCM / DTS
.wmv	ASF	MPEG 1/2/4	1000x1080	6-30	20Mbps	WMA / WMA Pro
		H.264	1000x1080	6-30	20Mbps	
.ts	TS	MPEG-TS	1000x1080	6-30	20Mbps	AC3 / AAC / MP3 / DD+
		H.264	1000x1080	6-30	20Mbps	
.m2p	PS	MPEG1	1000x1080	6-30	20Mbps	AC3 / MPEG / LPCM / AAC
		MPEG2	1000x1080	6-30	20Mbps	
.m2t	PS	H.264	1000x1080	6-30	20Mbps	
		H.264	1000x1080	6-30	20Mbps	
.h264	H.264	MPEG 1/2/4	1000x1080	6-30	20Mbps	MP3
		H.264	1000x1080	6-30	20Mbps	
.h265	H.265	H.264	1000x1080	6-30	20Mbps	MP3
		SonyexH.265	1000x1080	6-30	20Mbps	

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 FMO / ASO / IRS, VC1 SP / MP / AP L4 and AVCHD are not supported.
MPEG4 SP, AS :

- Below 1280 x 720: 60 frame max
- Above 1280 x 720: 30 frame max

H.263 is not supported.
GMC is not supported.

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

- Press the **◀** or **▶** button to select **Music**, then press the **ENTER** button in the **Media Play** menu.
- Press the **◀** or **▶** 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

- Press the **◀** or **▶** button to select **Photos**, then press the **ENTER** button in the **Media Play** menu.
- Press the **◀** or **▶** buttons to select the desired photo in the file list.
- 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) button.
 - 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 EGM has finished loading.

Supported Photo Formats

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

Other Restrictions

CMYK, Y'CbCr 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.

Media Play - Additional Functions

Videos/Music/Photos Play Option menu

When playing a file, press the **TOOLS** button.

Category	Operation	Videos	Music	Photos
Title	You can view 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.	✓	✓	✓
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 Cricket Mode

Cricket 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 it in. Press this button again to resume.

When **Cricket Mode** is On, the picture and sound modes are set to **Stadium** automatically.

If you turn the TV off while watching **Cricket Mode**, the **Cricket Mode** will be disabled.

Mode name may vary depending on nations. **Cricket Mode**, **Sports Mode**.

Indian Cinema Mode

Using the Indian Cinema Mode

When you set **Indian Cinema Mode** to On, the TV provides an optimal picture and sound for popular content.

This function is only available in specific geographic areas.

Cricket Mode, **Game Mode**, **Cinema Mode** can not be operated at the same time.

Using the Joy Plus Feature mode

Joy Plus Feature mode ()

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

Only available for 5100

Press **[]** and the **Joy Plus Feature mode** will be turned on, or press **MENU** button, enter Support Menu select **Joy Plus Feature**. Press **[]** again the **Joy Plus Feature mode** will be turned off.

Before enabling the **Joy Plus Feature mode**, the USB device should be connected first.

Media Play mode not available.

Joy Plus Feature

After turning on the **Joy Plus Feature mode**, press **[]** to make a current screen capture.

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

At least after 15 seconds the next capture can be operated again.

Sound Recording

After turning on the **Joy Plus 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**.

If you press any key, Audio Recording will be stopped.

Storage and Maintenance

If you remove the attached sticker on the TV screen, clean the residues and then watch TV.



Do not spray water directly onto the product. Any liquid that goes into the product may cause a failure, fire, or electric shock.

Clean the product with a soft cloth dampened with in a small amount of water. Do not use a flammable liquid (e.g. benzene, thinner) or a cleaning agent.

Securing the Installation Space

Keep the required distances between the product and other objects (e.g. wall) to ensure proper ventilation.

Failing to do so may result in fire or a problem with the product due to an increase in the internal temperature of the product.

When using a stand or wall-mount, use parts provided by Samsung Electronics only.

If you use parts provided by another manufacturer, it may result in a problem with the product or an injury due to the product falling.

The appearance may differ depending on the product.

Be careful when you contact the TV because some parts can be somewhat hot.



Licence

	This DivX Certified® device has passed rigorous testing to ensure it plays DivX® video. To play purchased DivX movies, first register your device at vod.divx.com. Find your registration code in the DivX VOD section of your device setup menu. DivX Certified® to play DivX® video up to HD 1080p, including premium content. DivX®, DivX Certified® and associated logos are trademarks of DivX, LLC and are used under license. Covered by one or more of the following U.S. patents: 7,295,673; 7,460,668; 7,515,710; 8,656,183; 8,731,369; RE45,052.
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	The terms HDMI and HDMI High-Definition Multimedia Interface, and the HDMI Logo are trademarks or registered trademarks of HDMI Licensing LLC in the United States and other countries.
Open Source License Notice	Open Source used in this product can be found on the following webpage. (http://opensource.samsung.com)
Open Source License Notice	Open Source License Notice is written only English.

Other Information

Installing the Wall Mount

- 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.

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:

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.

4. 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 is also determined depending on the TV model.

Do not install your Wall Mount Kit while your TV is turned on. It may result in personal injury due to electric shock.

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