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 (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

Avoid displaying the same TV channel for long periods

Correct Disposal of This Produc

- 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

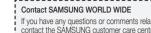
(Waste Electrical & Electronic Equipment) (Waste Electrical & Electronic Equipment)

This marking on the product & accessories (leg. 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 Business user should contact their supplier and check the terms and conditions of the purchase contract. This product and its ctronic accessories should not be mixed other commercia

or more information on safe disposal and recycling visit our website www. amsung.com/in or contact our helpline number - 18002668282, 18003000

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.



1800-29-3232 MYANMAR 01-2399888

ALGERIA 021 36 11 00

SAUDI ARABIA 920021230

MALAYSIA

INDIA

BANGLADESH SRI LANKA

EGYPT

U.A.E

OMAN

SYRIA

Ghana

SENEGAL

BURUNDI

1800-88-9999

PHILIPPINES 1-800-10-7267864 [PLDT]

0094115900000 08000-726786

AMBIA 0211 350370 MOZAMBIQUE 847267864 / 827267864 MIGERIA 0800-726-7864 Ghana "0800-10077

800-00-0077

603-77137477 (Overseas

1-800-10-7267864 [PLDT] 1-800-8-7267864 [Globe landline and Mobile] 02-4222111 [Other landline] 1800 3000 8282 - Toll Free 1800 266 8282 - Toll Free

800-SAMSUNG (800 - 726

| SOUTH AFRICA | 0860 SAMSUNG (726 7864) | www.samsung.com/support | w

in(g to Samsung products, please	
7	Web Site	
	www.samsung.com/vn/support	
	www.samsung.com/th/support	
	www.samsung.com/support	
	www.samsung.com/my/support	

www.samsung.com/eg/support

/ww.samsung.com/sa_en/

support (English) www.samsung.com/Levant/

support (English) www.samsung.com/n_africa/su

www.samsung.com/support www.samsung.com/africa_en/support www.samsung.com/africa_en/support

ww.samsung.com/africa_fr/suppo

www.samsung.com/n_africa/suppor

support (English)

0800-Samsung (72678) www.samsung.com/pk/support

7864) 800-SAMSUNG (800 - 726 (English)

(864) 83-CALL (183-2255) 1000-GSAM (8000-4726) www.samsung.com/ae_ar/ support (Arabic)

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.

CAUTION

RISK OF ELECTRIC SHOCK DO NOT OPEN

PARTS INSIDE. REFER ALL SERVICING TO QUALIFIED PERSONNEL.

Important Safety Instructions

SAMSUNG

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). THERE ARE NO USER SERVICEABLE

Warning! Important Safety Instructions

(Please read the safety instructions below before installing and using the product.)

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

· 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,

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 (vases etc.) on this apparatus, as this can result in a risk of 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 appratus accidentally gets wet, unplug it and contact an authorised dealer immediately.

Make sure to pull out the power cord from the outlet before cleaning.

This apparatus use 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 adaptors 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 adaptors, 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 isconnect 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

. 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 appratus does not operate normally - in particular, if there are any unusual sounds or smells coming from it - unplug it immediately and contact

an authorised 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 cause the insulation to deteriorate.

· Be sure to contact an authorised service centre, 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 damagi

 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 shaky self, 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 centre.

• 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, insecticide, air freshener, lubricant or detergent. This may damage the appearance or erase the printing on the

Do not expose the apparatus to dripping or splashing.

Do not dispose of batteries in a fire.

Display Modes (HDMI/DVI Input)

Do not short circuit, disassemble, or overheat the batteries

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

. 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.

- 2 -

- 1 -

Changing the Input Source Source List

Use to select TV or other external input sources such as DVD / Blu-ray olayers / cable box / STB satellite receiver connected to the TV. 1. Press the SOURCE button.

You can only choose external devices that are connected to the TV. In the

2. Select a desired external input source

Source List, connected inputs will be highlighted

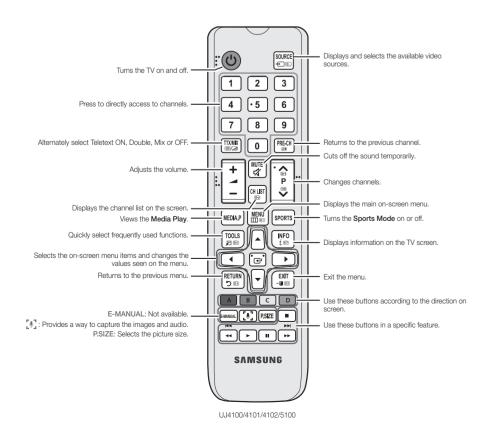
■ TV / AV / Component / HDMI1 / HDMI2/DVI

selection easier.

cable, you should set the TV to DVI 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

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



- 5 -

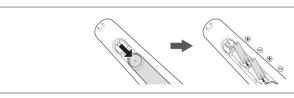
How to use Edit Name

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

 $\ensuremath{ \ ^{\circ}}$ 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.

	IBM	720 x 400	31.469	70.087	28.322	-/+	✓	✓
		640 x 480	35.000	66.667	30.240	-/-	~	~
	MAC	832 x 624	49.726	74.551	57.284	-/-	~	~
		1152 x 870	68.681	75.062	100.000	-/-		~
		640 x 480	31.469	59.940	25.175	-/-	~	~
		640 x 480	37.861	72.809	31.500	-/-	~	~
		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	46.875	75.000	49.500	+/+	~	~
		1024 x 768	48.363	60.004	65.000	-/-	~	~
		1024 x 768	56.476	70.069	75.000	-/-	~	~
		1024 x 768	60.023	75.029	78.750	+/+	~	~
	VESA DMT	1152 x 864	67.500	75.000	108.000	+/+		~
		1280 x 720	45.000	60.000	74.250	+/+	~	~
		1280 x 800	49.702	59.810	83.500	-/+		~
		1280 x 1024	63.981	60.020	108.000	+/+		~
		4000 4004	70.076	75.005	40E 000			4

Installing batteries (Battery size: AAA)



59.887

60.000

59,954

106.500

108.000

146,250

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.

55.935

60.000

65.290

• The Colour and shape may vary depending on the model.

Getting Started

Accessories

Bracket-Wall
 Wall-Mount Kit

Spacer-Felt

 Remote Control & Batteries (AAA x 2) Warranty Card / Regulatory Guide (Not available in some locations) Owner's Instructions Only for UJ4100/4101/4102

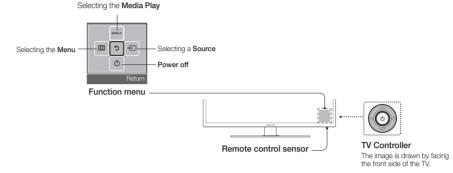
Wall-Mount Quick setup guide

Screw Setting Guide

Cable Holder(1EA)

Input Cables (Sold Separately) HDMI-DVI

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')

- 3 -

Channel Menu Seeing Channels

Channel List

Select a channel in the All Channels, Added Channels screen by pressing the $\blacktriangle/\blacktriangledown$ buttons, and pressing the ENTER \boxdot button. Then you can watch the selected channel. Using the remote control buttons with the Channel List

nel Status Display icon Cha

illiei Status Display Icolis								
Icons	Operations							
×	A channel deleted.							

Retuning Channels

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.

According to channel source, Manual Store may be supported Programme, Colour System, Sound System, Channel, Search, Store: If there

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. Set each channel using the **Channel List** menu options. Option menu

■ Add / Delete: Delete or add a channel to display the channels you All deleted channels will be shown on the All Channels menu.

A "X" beside the channel indicates the channel has been deleted.

The Add menu only appears for deleted channels.

Fine Tune

is done automatically during the search and store operation. If the signal is weak or distorted, fine tune the channel manually.

Fine tuned channels that have been saved are marked with an asterisk "*" on the

hand side of the channel number in the channel banner This is available for analogue broadcasts only.

Picture Menu Picture Mode TOOLS

Select your preferred picture type

■ 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.

In analogue TV, AV modes of the PAL system, the Tint (G/R) function is not

When connecting a PC, you can only make changes to Backlight, Contrast, Brightness and Sharpness.

Settings can be adjusted and stored for each external device connected to

Lowering picture brightness reduces power consumption **Picture Options**

■ Colour Tone: Select the colour temperature.

Warm will be deactivated when the picture mode is Dynamic ■ Size: Your cable box/satellite receiver may have its own set of screen sizes 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 Screen Fit: Displays the full image without any cut-off when HDMI(720p/1080i/1080p) signals are inputted.

Custom: Magnifies or shrinks 16:9 pictures vertically and/or

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.

horizontally. A magnified or shrunk picture can be moved left, right,

NOTE

· Depending on the input source, the picture size options may vary. • The available items may differ depending on the selected mode.

 $^{\bullet}\,$ Settings can be adjusted and stored for each external device connected to an If the reception is clear, you do not have to fine tune the channel, as this broadcast signal received by your TV is weak, you can activate the

> 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 / ■ Motion Lighting: Reduce power consumption by brightness control

Digital Clean View feature to reduce any static and ghosting that may

Only available in Standard mode ■ Analogue Clean View: Reduces diagonal noise in picture caused by

Picture Reset

the crosstalk of signals.

Resets your current picture mode to its default settings.

Sound Menu

Sound Mode TOOLS, ■ Standard: Selects the normal sound mode.

■ Music: Emphasises music over voices.

Connections

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.

HDMI connection

■ Movie: Provides the best sound for movies. ■ Clear Voice: Emphasises voices over other sounds

Equalizer

(standard sound mode only) ■ Balance: Adjusts the balance between the right and left speaker

■ 100Hz / 300Hz / 1kHz / 3kHz / 10kHz (Bandwidth Adjustment): Adjusts the level of specific bandwidth frequencies

■ Reset: Resets the Equalizer to its default settings. DTS TruSurround HD TOOLS,

(standard sound mode only)

This function provides a virtual 5.1 channel surround sound experience through a pair of speakers using HRTF (Head Related Transfer Function)

Auto Volume

Because each broadcasting station has its own signal conditions, the volume may fluctuate each time channel is changed. This feature lets you automatically adjust the volume of the desired channel by lowering the sound output when the modulation signal is high or by raising the sound output when the modulation signal is low.

Speaker Select

A sound echo may occur due to a difference in decoding speed betwee the main speaker and the audio receiver. In this case, set the TV to External Speaker.

When you set Speaker Select to External Speaker, the TV's speakers are turned off. You will hear sound through the external speakers only. When you set ${\bf Speaker \, Select}$ to ${\bf TV \, Speaker}$, both the TV's speakers and the external

When Speaker Select is set to External Speaker, the volume and MUTE

TV Installation Type This is the feature that set sound filter to fit into the installation condition

of TV. Adjust TV Sound to suit either stand or Wall Mount Installation Sound Reset

Reset all sound settings to the factory defaults. Selecting the Sound Mode TOOLS

When you set to **Dual I-Dual II**, the current sound mode is displayed on

If there is no video signal, both speakers will be mute.

	Audio Type	Dual I-II	Default
	Mono	Mono	Automatic
A2 Stereo	Stereo	Stereo ↔ Mono	change
	Dual	Dual I ↔ Dual II	Dual I
	Mono	Mono	Automatic
NICAM	Stereo	Mono ↔ Stereo	change
Stereo	Dual	Mono ↔ Dual I	Dual I
	Duai	5 Dual II Z	Duaii

If the stereo signal is weak and an automatic switching, occurs, then switch to

Only activated in stereo sound signal.

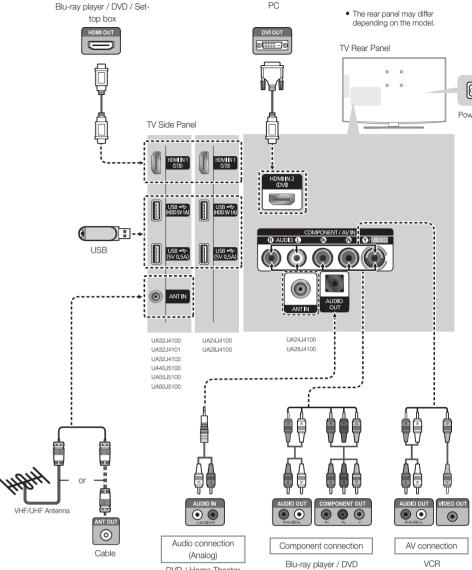
This function is available for all input sources.

For better picture and audio quality, connect to a digital device using an HDMI • 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

 For Set-top box connection using HDMI cable, we highly recommend you to connect the HDMI IN 1 (STB) port. PC connection



Setup Menu

Language Set the menu language.

Time

- 4 -

Press ▲ or ▼ button to select menu language. (According to the different areas, some countries have only one language.)

 $\ensuremath{ \ ^{\circ}}$ The current time will appear every time you press the INFO button. ■ Clock Set: Set the Year, Month, Day, Hour, Minute.

■ On Time/Off Time Current time should be set first by Clock Set.

Repeat: Set the timer to repeat by Once, Everyday, Mon~Fri, Mon~Sat, Sat~Sun, Sun. Select **Off** to turn of **Repeat**. Hour/Minute: Enter the hour and minute for the TV to turn on or off.

Contents: Select TV. Channel: Select the channel to be played when the TV turns on automatically.

Volume: Select the volume level when TV turns on automatically.

■ Sleep Timer TOOLS, Automatically shuts off the TV after a preset period of time. (Off, 30 min, 60 min, 90 min, 120 min, 150 min and 180 min)

To cancel Sleep Timer, select Off. Melody

Set so that a melody plays when the TV is turned Off, Low, Medium The Melody does not play.

- When no sound is output from the TV because the volume has been reduced to

When the TV is turned off by Sleep Timer function. **Auto Power Off**

- 8 -

minimum with the VOL - button

The TV will be automatically turned off when no user operation is received for 4 hours.

If the Auto Power Off option is set to Off, the TV will stay on even if no operations are performed on the TV.

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

Connecting a USB Device Turn on your TV.

The maximum displayed number of partition is 4.

2. Connect a USB device containing photo, music and/or movie files to

the USB jack on the side of the TV 3. When USB is connected to the TV, you can select Media Play.

Using the Media Play Menu

1. Press the MENU button. Press the ▲ or ▼ button to select Support,

then press the ENTER 🗗 button. 2. Press the \blacktriangle or \blacktriangledown button to select Media Play (USB), then press the ENTER 🔂 button.

The maximum displayed number of partition is 4. 3. Press the ◀ or ▶ button to select an icon (Videos, Music, Photos, • The file name only works in supported menu language. The other

It might not work properly with unlicenced multimedia files 1. Press the ◀ or ▶ button to select Videos, then press the ENTER ☐ button in the **Media Play** menu. 2. Press the ◀/►/▲/▼ buttons to select the desired video in the file list.

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)

Story Replay), then press the ENTER - button

· 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 is not supported.) 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
- esponsible 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.
- 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

The higher the resolution of the image, the longer it takes to display

on Support, or contact the call centre listed on the back-cover of this manual

- oorted 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.

Troubleshooting

Colour is wrong or missing.

There is poor colour or brightness

The picture is black and white

Sound Quality

No Picture, No Video

The TV turns off automatically

There is no picture/video

There is a dotted line on the edge of the

When changing channels, the picture freezes or is distorted or delayed

The picture is good but there is no sound.

The speakers are making an inappropriate

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

• 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.

Supported Video Formats The power-saving mode of some external hard disk drives may be sed automatically when your connect them to the TV. If a USB device connected to the TV is not recognised, the list of

- If video time information is unknown, playing time and the progress bar are not

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

During video playback, you can search using the ◀ and ▶ button.

- You can use (◄◄) (REW) and (▶►) (FF) buttons during playback

language is not displayed properly.

3. Press the ENTER → button or ► (Play) button.

- The selected file is displayed on the top with its playing time

Supported Subtitle Formats

Videos

- 9 -

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

Antenna connection: Try HD stations after performing Auto tuning

Adjust the Cable/Set top box video output resolution to 1080i or 720p.

If the picture size is set to Screen Fit, change it to 16:9.

Set the output resolution of the cable box to 1080i or 720p

• Set the Speaker Select option to TV Speaker in the sound menu

audio option to HDMI when you have a HDMI connected to your TV).

Check the cable connections. Make sure a video cable is not connected to an audio input.

Make sure the AC power cord is securely plugged in to the wall outlet and the T

Make sure the AC power cord is plugged in securely to the wall outlet and the TV.

- 13 -

For antenna or cable connections, check the signal strength. Low signal level may cause sound distortion

Check cable connections (remove and reconnect all cables connected to the TV and external devices)

Be sure to select the TV's correct source by pressing the SOURCE button on the TV remote.

• If you are using a HDMI cable, a separate audio cable is required.

Change cable/satellite box resolution

reboots. It may take up to 20 minutes.

Make sure the wall outlet is working.

• Ensure the Sleep Timer is set to Off in the Time menu.

If your PC is connected to the TV, check your PC power settings.

There is no sound or the sound is too low at | • Please check the volume of external device connected to your TV.

Many HD channels are up scaled from SD(Standard Definition) contents.

Low signal level or bad quality can cause picture distortion. This is not a TV issue

If you have an analogue cable/set top box, upgrade to a digital set top box. Use HDMI or Component cables to deliver HD

• Make sure you are watching the TV at the minimum recommended distance based on the size and definition of the signal.

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.

If you are using an AV composite input, connect the video cable (vellow) to the Green tack of component input 1 on the TV.

If you are using an external device, make sure the audio cables are connected to the correct audio input jacks on the TV.
 If you are using an external device, check the device's audio output option (ex. you may need to change your cable box's

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.

• When watching TV from an antenna or cable connection, the TV will turn off after 10 ~ 15 minutes if there is no signal.

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.
 Make sure your connected devices are powered on.

If connected with a cable box, please try to reset the cable box. Reconnect the AC cord and wait until the cable box

• Compression of video contents may cause picture distortion especially in fast moving pictures such as sports and action

Mobile phones used close to the TV (cca up to 1m) may cause noise in picture on analogue and digital TV.

Adjust the Picture options in the TV menu. (go to Picture Mode / Colour / Brightness / Sharpness)

• Try resetting the picture to view the default picture settings. (go to MENU - Picture - Picture Reset

•	ii a USB device connected to the TV is not recognised, the list of	Extension	Container	Video Codec	Hesolution	rate(fps)	Bit rate(Mbps)	Audio Codec	
	files on the device is corrupted, or a file in the list is not played,			DivX 3.11/4.12/5.x/6.0	1920x1080	6~30	20Mbps		2.
	connect the USB device to a PC, format the device, and check the	*.mp4	MP4	H.264	1920x1080	6-30	20Mbps	MP3 / ADPCM /	3.
	connection.	лирч	IVII 4	VC-1	1920x1080	6-30	20Mbps	AAC	
•	If a file you deleted from the PC is still found when you run Media			MJPEG	640x480	6-30	10Mbps		0
	Play, use the "Empty the Recycle Bin" function on the PC to			DivX 3.11/4.12/5.x/6.0	1920x1080	6-30	20Mbps		• \
	permanently delete the file.	*.avi	AVI	MPEG 1/2/4	1920x1080	6~30	20Mbps	MP3 / AC3 / LPCM / ADPCM	,
	Photos only supports sequential jpeq format.	*.mkv	MKV	H.264	1920x1080	6-30	20Mbps	/ DTS	,
	, , , , , ,			MJPEG	640x480	6~30	10Mbps		• /
•	The scene search and thumbnail functions are not supported in the	* asf		DivX 3.11/4.12/5.x/6.0	1920x1080	6~30	20Mbps	MP3 / AC3 /	• 1
	Videos.	*.wmv	ASF	MPEG 1/2/4	1920x1080	6-30	20Mbps	LPCM /ADPCM /	L
•	If the number of files and folders saved on a USB storage device is			H.264	1920x1080	6-30	20Mbps	WMA / WMA Pro	• [
	approximately over 4000, the files and folders may not appear and	*.ts *.trp	TS	MPEG2-TS	1920x1080	6~30	20Mbps	AC3 / AAC /)
	some folders may not be opened.	*.tp		H. 264	1920x1080	6-30	20Mbps	MP3 / DD+	•)
•	The maximum displayed number of files, including sub folders, in	*.dat		MPEG1	1920x1080	6~30	20Mbps		0
	one folder of USB storage device is 1000.	*.mpg *.mpeg	PS	MPEG2	1920x1080	6-30	20Mbps	AC3 / MPEG / LPCM / AAC	
•	The media may not be playing smoothly when using the device	*.vob		H. 264	1920x1080	6~30	20Mbps	LPGWI/AAG	0
	higher than USB 2.0.	*.3gp	3GPP	MPEG 1/2/4	1920x1080	6-30	20Mbps	MP3	
O	The maximum displayed number of partition is 4.			H.264	1920x1080	6-30	20Mbps		
	The file name only works in supported menu language. The other	*.flv	flash formats	H.264	1920x1080	6-30	20Mbps	MP3	• 5
	The file flattle of the works in supported the language. The other			Sorenson H.263	1920x1080	6~30	20Mbps		

Other Restrictions

- Video content will not play, or not play correctly, if there is an error in the
 Other Restrictions 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 Video content can not be played, if there are many contents in one file.

WMA 9 PRO and WMA 10 PRO support 5.1 channel. (LBR mode of WMA Pro is not

Supports up to H.264, Level 4.1 H.264 FMO / ASO / RS, VC1 SP / MP / AP L4 and AVCHD are not supported.

MPEG4 SP, ASP: - Below 1280 x 720: 60 frame r

WMA Lossless is not supported.

Above 1280 x 720: 30 frame max

GMC is not support Supports up to WMA7, 8, 9 STD, 9 PRO, 10 PRO

Text Forma

- 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
- 3. 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

The TV is not receiving all channels

You see small particles when you look closely at the edge of the frame of the TV.

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

- . Press the ◀ or ▶ button to select Photos, then press the ENTER ☐ button in the Media Play menu. Press the ◄/►/▲/▼ 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 $\hfill \blacksquare$ (Play) / ENTER $\hfill \blacksquare$ 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.

- 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 tinished	
loading.	
Supported Photo Formats	

Image

JPEG

CMYK, YCCK Colour space JPEG are not supported. ■ Playing Multiple Files

Playing selected video/music/photo files

- 1. Press the Yellow button in the file list to select the desired file. 2. 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 Al
- 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 /4101/

Press the c button in the file list to select the desired file. When you press the B 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 is only available for 4100/4101/4102/5100 models.

more files can be marked in	another folder.			
USB	Support File System			
Play (Read)	NTFS, FAT, FAT32			
Copy & Capture	FAT. FAT32			

All file system format will be transformed to FAT32 system after formating.

■ Media Play - Additional Functions Videos/Music/Photos Play Option menus

Vhen playing a file, press the TOOLS button.

when playing a file, press the TOOLS button.					of the current sound, press again to stop the recording.			
Category	Operation	Videos	Music	Photos	Items are stored in Music folder in Media Play.			
Title	You can move the other file directly.	✓			Cton, Donley			
Repeat Mode	You can play movie and music files repeatedly.	✓	✓		Story Replay			
Picture Size	You can adjust the picture size to your preference.	✓			1. To start Story Replay while watching TV, press . This records audio in			
Picture Mode	You can adjust the picture setting.	✓		✓	real-time, and captures the screen every 5 seconds in the meanwhile.			
Sound Mode	You can adjust the sound setting.	✓	✓		A pop-up window will appear on the screen while recording is in progress.			
Subtitle Settings	You can play the video with Subtitles. This function only works if the subtitles are the same file name as the video.	~			To stop Story Replay, pess			
Audio language	You can change the audio language if the video has more than one language.	~			are then shown on the screen. Select the thumbnail screen to play the saved files on Media Play.			
Stop Slide Show / Start Slide Show	You can start or stop a Slide Show.			~	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			
Slide Show Speed	You can select the slide show speed during the slide show.			~	recording. Story Replay feature is just an application provided by Samsung and			
Background Music	You can set and select background music when watching a Slide Show.			~	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			
Zoom	You can zoom into images in full screen mode.			✓	user only. User shall be responsible for complying with all other laws of the			
Rotate	You can rotate images in full screen mode.			✓	land while using the application and shall further be liable for any damage,			
Information	You can see detailed information about the played file.	✓	✓	✓	penalty, legal action arising out of misuse of application, including without limitation, infringement of Intellectual Property Rights.			

Using the Sports Mode

Sports Mode TOOLS

This mode provides optimised condition for watching sports games A Zoom: Pause playback and dived the picture into 9 parts. Select a part to zoom it in. Press this button again to resume.

Family TV Mode are for personal use only, not for commercial purpose and/or communication to the public.

- When Sports Mode is On, the picture and sound modes are set to Stadium If you turn the TV off while watching Sports Mode, the Sports Mode will be
- Sports Mode.

☐ Game Mode

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. • Precautions and limitations for Game Mode

- Before disconnecting a game console and connecting another external dev 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. Set Game Mode to On only after connecting a game console. If you turn Gam Mode on before you have attached the game console, you may notice reduced
- picture quality.
- Store Demo: Store Demo is for retail environments only. If you select Store Demo, some functions will not work, and the picture settings will If Game Mode is On: Picture Mode is set to Game Mode and Sound Mode is □ DivX® Video On Demand

☐ Using the Family TV Mode

Family TV Mode [*]

This mode provides a way to capture the images and audio. Only available for UJ4100/4101/4102/510

Press [*] and the Family TV Mode mode will be turned on, or press MENU HD Connection Guide enter Support Menu select Family TV Mode. Press 💽 again the Family TV Mode mode will be turned off.

Before enabling the Family TV Mode mode, the USB device should be connected

Media Play mode not available.

Screen Capture

After turning on the ${\bf Family\ TV\ Mode}$ mode, press ${\bf \ \ \ }$ to make a current screen capture. Items are stored in Photos folder in Media Play

- 11 -

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

Clean the product with a soft cloth dampened with in a small amount of wate roduct may cause a failure, fire, or electric shock Do not use a flammable liquid (e.g. benzene, thinners) or a cleaning agent

Securing the Installation Space

Keep the required distances between the product and other objects (e.g. walls) 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

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

Installation with a stand.	Installation with a wall-mount.
10 cm	10 cm 10 cm

Licence

DIVX.

DivX Certified® to play DivX® video up to HD 1080p, including premium content

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 720p, 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; 7,519,274

DOLBY. Manufactured under license from Dolby Laboratories.
Dolby and the double-D symbol are trademarks of Dolby Laboratories. For DTS patents, see http://patents.dts.com. Manufactured under license from DTS Licensing Limited. DTS, the Symbol, & DTS and the Symbol together are registered trademarks, and DTS 2.0 Channel is a trademark of DTS, Inc. © DTS, Inc. All Rights Reserved.



For DTS patents, see http://patents.dts.com. Manufactured under license from DTS Licensing Limited. DTS, the Symbol, DTS in combination with the Symbol, and DTS Studio Sound are registered trademarks or trademarks of DTS, Inc. in the United States and/or other countries. DTS, Inc. All Rights

Open Source used in this product can be found on the following webpage. (http://opensource.samsung.com) Open Source License Notice is written only English.

After turning on the **Family TV Mode** mode, press **p** to make a recording Installing the Wall Mount

1. Installing the Wall Mount kit with the GUIDE-STAND supplied by SAMSUNG, Please refer to the "Wall Mount Quick Setup Guide" (Only for UJ4100/4101/4102)

2. 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 advice 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

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

- 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 scew hole specs (A * B) in millimeters	Standard Screw	Quant						
	UA24J4100	75 X 75								
	UA28J4100	100 X 100	M4							
LED-TV	UA32J4100 UA32J4101 UA32J4102	200 X 200	Mo	4						
	UA40J5100		M8							
	UA48J5100	400 X 400								

To prevent the TV from falling purchase these additionally

Securing the TV to the Wall

Since the necessary clamps, screws, and string are not supplied, please

1. Put the screws into the clamps and firmly fasten them onto the wall. You may need additional material such as an anchor depending on the type of

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.

Since the necessary clamps, screws, and string are not supplied, please

purchase these additionally 2. 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. $\ \ \, \ \ \,$ Screws may not be supplied with the product. In this case, please purchase the screws of the following specifications.

3. 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. 4. 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

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 Please find a "\(\overline{\omega}\)" icon on the rear of the TV. The Kensington slot is beside the

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. ${\bf 2.}\,$ 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 may be different depending on the TV model

- 12 -

Specifications Environmental Consideration Operating Temperature

Do not install your Wall Mount

Kit while your TV is turned on.
It may result in personal injury
due to electric shock.

5% to 95%, non-condensing Storage Humidity UA32J4100 / UA32J4101 / UA32J410 UA28J4100 Model Name Display Resolution 1366 X 768 Screen Size 60 cm 69 cm 80 cm 5W X 2 10W X 2 Output Dimensions (W x H x D) 56.1 X 34.5 X 5.2 cm 64.3 X 38.9 X 7.0 cm 73.5 X 44.0 X 7.0 cm 56.1 X 37.6 X 12.3 c 64.3 X 43.0 X 15.1 cr 73.5 X 48.1 X 15.1 cn With stand Weight Without Stand 4.4 kg With stand 5.4 kg

UA40J5100 UA48J5100 Model Name Display Resolution 1920 X 1080 101 cm 121 cm Screen Size Output Dimensions (W x H x D) 90.7 X 52.9 X 6.6 cm 107.6 X 62.4 X 6.7 cm With stand 90.7 X 58.6 X 28.8 cm 107.6 X 68.3 X 31.0 cn Without Stand 11.4 ka With stand 8.5 kg 12.5 kg

- 16 -

Design and specifications are subject to change without prior notice

10°C to 40°C (50°F to 104°F) 10% to 80%, non-conde

Storage Temperature -20°C to 45°C (-4°F to 113°F)

For information about the power required and more about power consumption, refer to the label attached to the product. The option may differ depending on country.

Hamiland 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.

 $C \in$

The original Declaration of Conformity may be found at http://www.samsung.com, go to Support > Search Product Support and enter the model name This equipment may be operated in Jordan.

- 14-

· Compression of video contents may cause picture distortion, especially on fast moving pictures such as sports and action The picture is distorted: macroblock error, · A low signal can cause picture distortion. This is not a TV issue PC Connection A "Mode Not Supported" message Set your PC's output resolution so it matches the resolutions supported by the TV The video is OK but there is no audio. If you are using a HDMI connection, check the audio output setting on your PC The picture will not display in full screen. HD channels will have black bars on either side of the screen when displaying up scaled SD (4:3) content: Black bars on the top and bottom will appear during movies that have aspect ratios different from your TV. · Adjust the picture size options on your external device or TV to full screen. The remote control does not work. • Replace the remote control batteries with the poles (+/-) in the right direction Clean the transmission window located on the top of the remo
Try pointing the remote directly at the TV from 5~6 feet away. Programme the Cable/Set top box remote control to operate the TV. Refer to the Cable/Set top box user manual for the not turn the TV on or off, or adjust the Check the supported resolution of the TV, and adjust the external device's output resolution accordingly. Refer to resolution A "Mode Not Supported" message settings in this manual. There is a plastic smell from the T\ . This smell is normal and will dissipate over time TV is tilted to the right or left side Remove the stand base from the TV and reassemble i Make sure the TV is placed on a flat surface. It is necessary to use magnetized screw driver if you cannot remove the screws from the TV. . The Broadcasting menu is only available when the TV source is selected • If the TV is in the Store Demo mode, it will reset audio and picture settings every 5 minutes. If you want to change the settings

- 10 -

Please try Setup (Plug & Play) to add available channels to the channel list. Go to MENU - System - Setup (Plug & Play) and wait for all available channels to be stored.

Make sure the Antenna cable is connected securely

Verify the Antenna is positioned correctly

To prevent this, use felt pads on any surface of the TV that comes in direct contact with furniture

Nou can keep your TV as optimum condition upgrading the latest firmware on web site (www.samsung.com → Support) by USB.

This is part of the product's design and is not a defect.

Recommendation - Jordan Only

Hereby, Samsung Electronics, declares that this equipment is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

- 15 -

🖏 This TFT LED panel uses a panel consisting of sub pixels which require sophisticated technology to produce. However, there may be a few bright or dark pixels on the screen. ese pixels will have no impact on the performance of the produc

You have intermittent loss of audio or video. | • Check the cable connections and reconnect them

There are recurrent picture/sound issues.

• Check and change the signal/source.

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.

Sound Capture

View Content

Press (NEDNA) to get into Media Play.

recording or Photos for items of capturing.

□ Default Recording Device

□ Changing the Use Mode

• Home Use: Home Use is the default setting.

Family TV Mode mode is on.

Software Upgrade

be reset every 5 minutes.

registration is completed.

Contact Samsung

select Home Use.

Press ◀ or ▶ button to select Music and Story Replay for items of

The user may not use these features for commercial purposes without prior

This function is only available when the USB device is connected the TV, and

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

Select the **Use Mode** suitable for your place. We strongly recommend you

Shows the registration code authorised for the TV. If you connect to

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

S. For more information on DivX® VOD visit http://vod.divx.com

the DivX web site and register with 10-digit registration code, you can download the VOD activation file. Once you play it using **Media Play**, the

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.

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

approval from the copyright owners and/or to use it unlawfully

Samsung does not accept responsibility for any misuse of the service.