

## user manua

# Figures and illustrations in this User Manual are provided for reference only and may differ from actual product appearance. Product design and specifications

#### 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
- 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)

vailable in all regions.

(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 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

For personal and non-commercial use only

Usage is subject to following the guidelines in the User Manual and may not be

Contact SAMSUNG WORLD WIDE you have any questions or comments relating to Samsung oducts, please contact the SAMSUNG customer care centre. /IETNAM 1800 588 889 THAILAND 0-2689-3232 www.samsung.com/vn/support 1800-29-3232 MYANMAR +95-1-2399-888 | COTIDON | COTI PHILIPPINES 1-800-10-726-7864 [PLDT www.samsung.com/ph/support www.samsung.com/n\_africa/support www.samsung.com/iran/support ALGERIA 3004 (Toll Free)
IRAN 021-8255 [CF] SAUDI ARABIA 800 247 3457 (800 24/7 HELP) www.samsung.com/sa/home PAKISTAN 0800-Samsung (72678) www.samsung.com/sa\_en www.samsung.com/pk/support TUNISIAN 80-100-12 www.samsung.com/prsupport
U.A.E 800-SAMSUNG (800 - 726 7864)
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Www.samsung.com/ae/support
(English)
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OTSWANA 8007260000 BIQUE 847267864 / 827267864 IA 0800-726-7864 www.samsung.com/africa\_en/ support www.samsung.com/africa\_fr/ 95-0077 00 545 545 00 300 300 00 755 755 / 0685 889 900



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

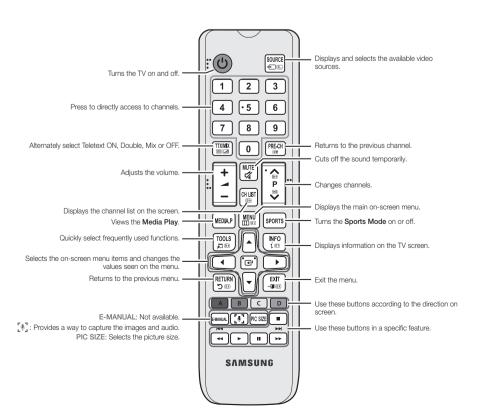
Edit Name lets you associate a device name to an input source. To ccess Edit Name, enter Support menu and select Edit Name. Name evice connected to the input jacks to make your input source selection easier.

- 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 devices to the HDMI IN 2 (DVI) port with HDMI to DVI

cable, you should set the TV to DVI mode under Edit Name

[UJ4100-SEA]BN68-06949A-01ENG.indb 1

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



- 5 -

#### **Important Safety Instructions**

#### SAMSUNG **Warning! Important Safety Instructions**

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

# RISK OF ELECTRIC SHOCK DO NOT OPEN 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

- 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 (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
- nvironment. 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
- 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 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 damage
- 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
- 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.
- · Do not short circuit, disassemble, or overheat the batteries.
- WARNING TO PREVENT THE SPREAD OF FIRE, KEEP CANDLES OR OTHER OPEN FLAMES AWAY FROM THIS PRODUCT AT ALL TIMES.
- 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.

### - 2 -

### Display Modes (HDMI/DVI Input)

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

Mode	Resolution	Horizontal Frequency (KHz)	Vertical Frequency (Hz)	Pixel Clock Frequency (MHz)	Sync Polarity (H / V)	1366 x 768	1920 x 1080
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	+/+		~
	1280 x 1024	79.976	75.025	135.000	+/+		~
	1366 x 768	47.712	59.790	85.500	+/+	~	~
	1440 x 900	55.935	59.887	106.500	-/+		~
	1600 x 900RB	60.000	60.000	108.000	+/+		~
	1680 x 1050	65.290	59.954	146.250	-/+		~
	1920 x 1080	67.500	60.000	148.500	+/+		~

## Installing batteries (Battery size: AAA)



### 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

- 6 -

The Colour and shape may vary depending on the model.

#### **Getting Started**

Owner's Instructions

Spacer-Felt

## Accessories

• Warranty Card / Regulatory Guide (Not available in some locations)

Only for UJ4100/4101/4102 Bracket-Wall

Remote Control & Batteries (AAA x 2)

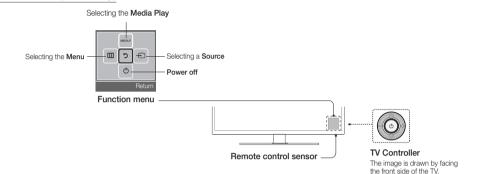
 Wall-Mount Quick setup guide · Screw Setting Guide



#### Cable Holder(1EA)

Input Cables (Sold Separately) Coaxial (RF 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 -

#### Seeing Channels Channel List

Channel Menu

Select a channel in the All Channels, Added Channels screen by pressing the ▲/▼ buttons, and pressing the ENTER 🗗 button. Then ou can watch the selected channel.

Using the remote control buttons with the Channel List

**Channel Status Display icons** 

#### Icons 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**

Option menu items may differ depending on the channel status. Set each channel using the **Channel List** menu options. Option menu items may differ depending on the channel status.

- Add / Delete: Delete or add a channel to display the channels you
- $\ensuremath{ \stackrel{\wedge}{\bigcirc}}$  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

If the reception is clear, you do not have to fine tune the channel, as this Digital Clean View: (Auto / Off / Low / Medium / High) If the is weak or distorted, fine tune the channel manually.

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

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  ${\bf 16:9}\ {\rm mode}$  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 nictures ve norizontally. 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
- 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

broadcast signal received by your TV is weak, you can activate the

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

## Resets your current picture mode to its default settings.

- 7 -

## Sound Menu

## Sound Mode TOOLS,

- Standard: Selects the normal sound mode. ■ Music: Emphasises music over voices.
- 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 speake ■ 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 between ain speaker and the audio receiver. In this case, set the TV to External Speaker.

- when you set objected select to External Speaker, life IV's speakers are used. When you set Speaker Select to TV Speaker, both the TV's speakers and the external speakers.
- speakers are on. You will hear sound through both. When Speaker Select is set to External Speaker, the volume and MUTE
- If there is no video signal, both speakers will be 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

110 0010011.			
	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 ✓	Duaii

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

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

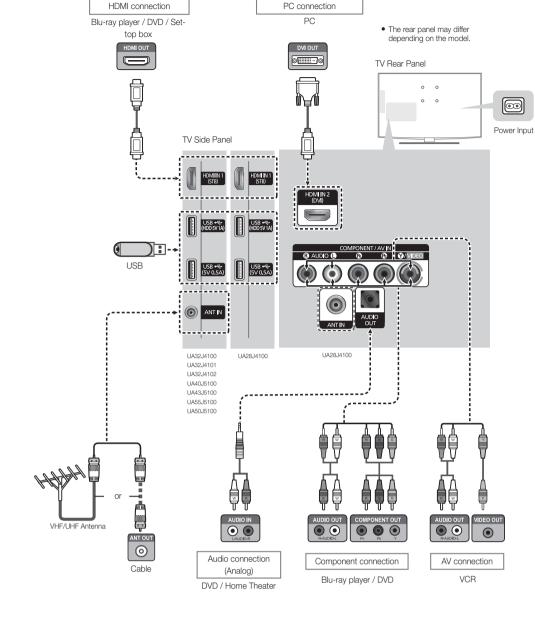
The picture may not display normally (if at all) or the audio may not work if an

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 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
  - 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.



# Setup Menu

- 4 -

Language

Auto Power Off

- 8 -

Set the menu language Press ▲ or ▼ button to select menu language. (According to the different areas) es have only one language.)

#### Time 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, ■

min, 60 min, 90 min, 120 min, 150 min and 180 min) To cancel Sleep Timer, select Off. Melody

Automatically shuts off the TV after a preset period of time. (Off. 30

# Set so that a melody plays when the TV is turned Off, Low, Medium

- When no sound is output from the TV because the volume has been reduced to minimum with the VOL - buttor When the TV is turned off by Sleep Timer function

#### The TV will be automatically turned off when no user operation is If the Auto Power Off option is set to Off, the TV will stay on even if no

operations are performed on the TV.

2015-08-13 🗆 🗆 9:00:18

#### Support Menu

#### ■ Using the Media Play

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

#### Connecting a USB Device

1. Turn on your TV.

- 2. Connect a USB device containing photo, music and/or movie files to the USB jack on the side of the TV
- 3. When USB is connected to the TV, you can select Media Play. The maximum displayed number of partition is 4

#### 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 ▲ or ▼ button to select Media Play (USB), then press the

- 3. Press the ◀ or ▶ button to select an icon (Videos, Music, Photos,
- Story Replay), then press the ENTER button.
- It might not work properly with unlicenced 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
- 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
- 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
- ognised 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.

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

**Troubleshooting** 

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

The picture is distorted: macroblock error.

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

[UJ4100-SEA]BN68-06949A-01ENG.indb 2

There is a dotted line on the edge of the

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

#### The power-saving mode of some external hard disk drives may be

•	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

- 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 manently delete the file.
- Photos only supports sequential ipeg format. . The scene search and thumbnail functions are not supported in the
- 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.
- 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.
- 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
- 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
- Supported Subtitle Formats

- External	
Name	File extension
MPEG-4 timed text	.ttxt
SAMI	.smi
SubRip	.srt
SubViewer	.sub
Micro DVD	.sub.or.txt

Internal			
	Na	me	

- 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.

• 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

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

If your TV has a headphone jack, make sure there is nothing plugged into it.

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

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

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

- 13 -

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

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 vour TV.

The picture is good but there is no sound.

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

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

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 HI

• 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 (yellow) to the Green jack of component input 1 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 audio option to HDMI when you have a HDMI connected to your TV).

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. Set your steer has everest cast by Exp., DVD, Intrasy etc., Interest 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.

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

• 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

ternal		
Name	Container	Forn
Xsub	AVI	Picture I
SubStation Alpha	MKV	Text Fo
Advanced SubStation Alpha	MKV	Text Fo

#### Supported Video Formats

File Extension	Container	Video Codec	Resolution	Frame rate(fps)	Bit rate(Mbps)	Audio Codec	
		DivX 3.11/4.12/5.x/6.0	1920x1080	6~30	20Mbps	MP3 / ADPCM /	
*.mp4	MP4	H.264	1920x1080	6~30	20Mbps		
mp4	IVIP4	VC-1	1920x1080	6~30	20Mbps	AAC	
		MJPEG	640x480	6~30	10Mbps		
		DivX 3.11/4.12/5.x/6.0	1920x1080	6~30	20Mbps		
*.avi	AVI	MPEG 1/2/4	1920x1080	6~30	20Mbps	MP3 / AC3 / LPCM / ADPCM / DTS	
*.mkv	MKV	H.264	1920x1080	6~30	20Mbps		
		MJPEG	640x480	6~30	10Mbps		
	ASF	DivX 3.11/4.12/5.x/6.0	1920x1080	6~30	20Mbps	MP3 / AC3 / LPCM /ADPCM / WMA / WMA Pro	
*.asf *.wmv		MPEG 1/2/4	1920x1080	6~30	20Mbps		
		H.264	1920x1080	6~30	20Mbps		
*.ts *.trp	TS	MPEG2-TS	1920x1080	6~30	20Mbps	AC3 / AAC /	
*.tp		H. 264	1920x1080	6~30	20Mbps	MP3 / DD+	
*.dat		MPEG1	1920x1080	6~30	20Mbps		
*.mpg *.mpeg *.vob	PS	MPEG2	1920x1080	6~30	20Mbps	AC3 / MPEG / LPCM / AAC	
		H. 264	1920x1080	6~30	20Mbps		
* 2an	3GPP	MPEG 1/2/4	1920x1080	6~30	20Mbps	MP3	
*.3gp	JUPP	H.264	1920x1080	6~30	20Mbps		
* flv	flash formats	H.264	1920x1080	6~30	20Mbps	MP3	
.IIV	nasn romats	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 content or the container.
- Sound or video may not work if the contents have a standard bit rate/
- The menu may take longer to appear if the video's bit rate exceeds

## Supports up to H.264, Level 4.1

- MPEG4 SP, ASP: - Below 1280 x 720: 60 frame ma
  - Above 1280 x 720: 30 frame max
  - H.263 is not supported

## GMC is not support.

#### Supports up to WMA7, 8, 9 STD, 9 PRO, 10 PRO VMA 9 PRO and WMA 10 PRO support 5.1 channel. (LBR mode of WMA Pro is not

#### ■ Music

- 1. Press the ◀ or ▶ button to select Music, then press the ENTER 🚭 button in the Media Play menu.
- 3. Press the ENTER → button or → (Play) button.
- During music playback, you can search using the ◀ and ▶ button

#### 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 orde

2. Repeat the above operation to select multiple files.

• To deselect all selected files, press the TOOLS button and select Deselect All

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.

Available only when both USB devices are connected to the TV.

Copy is only available for 4100/4101/4102/5100 models.

USB Play (Read)

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

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

Programme the Cable/Set top box remote control to operate the TV. Refer to the Cable/Set top box user manual for the

Check the supported resolution of the TV, and adjust the external device's output resolution accordingly. Refer to resolution settings in this manual.

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.

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 from Store Demo mode to Home Use.

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.

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

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

- 14-

2. When you press the substant, the selected files copy to the other USB device.

The FAT32 file system cannot copy the file which size is more than 4GB.

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

The maximum number of marked files for one folder is 999, if to be continued.

FAT FAT3

The 

mark appears to the left of the selected files

· To cancel a selection, press the Yellow button again.

■ Playing the video/music/photo file group

- During the slide show, you can adjust the slide show speed using (◄◄) (REW) or (►►)
- 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

#### JPEG

4102/5100 models

- 10 -

Make sure the Antenna cable is connected securely

A low signal can cause picture distortion. This is not a TV issue.

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

Adjust the picture size options on your external device or TV to full screen.

Clean the transmission window located on the top of the remote control

Try pointing the remote directly at the TV from 1.5 ~ 1.8 m away.

· This smell is normal and will dissipate over time

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.

hese pixels will have no impact on the performance of the produ

Remove the stand base from the TV and reassemble it

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

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

Replace the remote control batteries with the poles (+/-) in the right direction

HD channels will have black bars on either side of the screen when displaying up scaled SD (4:3) contents

Black bars on the top and bottom will appear during movies that have aspect ratios different from your TV.

Verify the Antenna is positioned correctly

Supported Photo Formats

- Other Restrictions CMYK, YCCK Colour space JPEG are not supported.
- frame rate above the compatible Frame/sec listed in the table above ■ Playing Multiple Files If the Index Table is in error, the Seek (Jump) function is not supported. Playing selected video/music/photo files 1. Press the Yellow button in the file list to select the desired file
- Video content can not be played, if there are many contents in one file.

## Video Decoder

- $\rm H.264\ FMO\ /\ ASO\ /\ RS,\ VC1\ SP\ /\ MP\ /\ AP\ L4$  and AVCHD are not supported.

## WMA Lossless is not supported

The TV is not receiving all channel

PC Connection

The picture is distorted: macroblock error, small block, dots, pixelization

A "Mode Not Supported" message

The video is OK but there is no audio

The remote control does not work.

The picture will not display in full screen.

The cable/set top box remote control does

not turn the TV on or off, or adjust the

A "Mode Not Supported" message

There is a plastic smell from the TV

TV is tilted to the right or left side.

every time the TV is turned off.

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

- 2. Press the ◀/▶/▲/▼ buttons to select the desired Music in the file list.
- (REW) and (FF) buttons do not function during play.
- Only displays the files with MP3 file extension. Other file extensions are not aved, 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

### ■ 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.	<b>✓</b>		
Repeat Mode	You can play movie and music files repeatedly.	<b>✓</b>	<b>✓</b>	
Picture Size	You can adjust the picture size to your preference.	<b>✓</b>		
Picture Mode	You can adjust the picture setting.	<b>✓</b>		<b>✓</b>
Sound Mode	You can adjust the sound setting.	<b>✓</b>	<b>✓</b>	
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.	<b>✓</b>		
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.			<b>✓</b>
Rotate	You can rotate images in full screen mode.			<b>✓</b>

**Sound Capture** 

Story Replay

recording.

View Content

Press (NEDW) 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.

□ DivX® Video On Demand

Family TV Mode mode is on.

Software Upgrade

be reset every 5 minutes.

registration is completed.

☐ Contact Samsung

select **Home Use**.

After turning on the Family TV Mode mode, press to make a recording

1. To start Story Replay while watching TV, press **B**. This records audio in

A non-un window will appear on the screen while recording is in progress.

2. To stop Story Replay, pess **B**. The recording is stored as a .plt file on

You cannot change the channel or source to an external device. To change

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

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.

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

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

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.

Store Demo: Store Demo is for retail environments only. If you select Store Demo, some functions will not work, and the picture settings will

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

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

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.

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

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

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

Samsung does not accept responsibility for any misuse of the service

Story Replay feature is just an application provided by Samsung and

the channel or the source to an external device, first stop story

Select the thumbnail screen to play the saved files on Media Play

the USB device connected to the TV. Thumbnails of the story recordings are then shown on the screen.

real-time, and captures the screen every 5 seconds in the meanwhile.

of the current sound, press pagain to stop the recording

Items are stored in Music folder in Media Play.

## ☐ Using the Sports Mode

### Sports Mode TOOLS 7 This mode provides optimised condition for watching sports games

🗚 Zoom: Pause playback and dived the picture into 9 parts. Select a part 💮 Family TV Mode are for personal use only, not for commercial purpose and/or om it in. Press this button again to resume.

nformation You can see detailed information about the played file.

- $\ensuremath{ \bigcirc}$  When  $\ensuremath{ \mbox{Sports Mode}}$  is  $\ensuremath{ \mbox{On}}$  , the picture and sound modes are set to  $\ensuremath{ \mbox{Stadium}}$
- 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 ning experience if you set Game Mode on.
- Precautions and limitations for Game Mode
- 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 Game Mode on before you have attached the game console, you may notice reduced picture quality.
- If Game Mode is On: Picture Mode is set to Game Mode and Sound Mode is

## Sports Mode and Game Mode can not be used at the same time

#### ☐ Using the Family TV Mode Family TV Mode [\*]

This mode provides a way to capture the images and audio. Only available for UJ4100/4101/4102/5100

Press [4] and the Family TV Mode mode will be turned on, or press MENU | HD Connection Guide button, enter Support Menu select Family TV Mode. Press [4] 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 **Family TV Mode** mode, press c to make a current screen capture. Items are stored in Photos folder in Media Play

### Storage and Maintenance



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

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 The appearance may differ depending on the product.

# Be careful when you contact the TV because some parts can be somewhat hot Installation with a stand. Installation with a wall-mount.

- 11 -

## Licence

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.

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

### 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. 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.

### Installing the Wall Mount

for UJ4100/4101/4102)

you to do it yourself.

NOTE

#### 1. Installing the Wall Mount kit with the GUIDE-STAND supplied by SAMSUNG, Please refer to the "Wall Mount Quick Setup Guide" (Only

assistance when installing the wall mount bracket. We do not advice

Samsung Electronics is not responsible for any damage to the

Install your wall mount on a solid wall perpendicular to the floor. When

rou install the TV on a ceiling or slanted wall, it may fall and result in severe

• Standard dimensions for wall mount kits are shown in the table

Do not use screws that do not comply with the VESA standard

Do not use screws longer than the standard dimension, as they may cause damage to the inside of the TV set.

product or cause the product to fall, leading to personal injury

100 X 100

200 X 200

400 X 400

Do not install your Wall Mount

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

• When purchasing our wall mount kit, a detailed installation

manual and all parts necessary for assembly are provided

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

Samsung is not liable for product damage or personal injury

Samsung is not liable for these kinds of accidents.

• Do not mount the TV at more than a 15 degree tilt.

· Always have two people mount the TV on a wall.

2. Installing other Wall Mount Kits, Please refer as follow:

Wall Mount Kit Specifications (VESA)

screw specifications.

Models

UA28J4100

UA32J4100

UA48J5100

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.

# 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

Securing the TV to the Wall

- Since the necessary clamps, screws, and string are not supplied, please urchase these additionally
- 1. Put the screws into the clamps and firmly fasten them onto the wall. Confirm that the screws have been firmly installed onto the wall product or injury to yourself or others if you select to install the TV on You may need additional material such as an anchor depending on the type of
  - Since the necessary clamps, screws, and string are not supplied, please

  - urchase 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. Until 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

when a non-VESA or non-specified wall mount is used or the consumer fails to follow the product installation instructions. proper use. Please find a "a" icon on the rear of the TV. The Kensington slot is beside the

The position and colour may differ depending on the model. VESA scew hole specs (A \* B) in millimeters Screw Quantity To lock the product, follow these steps: I. 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 may be different depending on the TV model.

## - 12 -

#### **Specifications** Environmental Consideration 10°C to 40°C (50°F to 104°F Operating Temperature 10% to 80%, non-condensing Storage Temperature -20°C to 45°C (-4°F to 113°F) torage Humidity UA28J4100 UA32J4100 / UA32J4101 / UA32J4102 Model Name 1366 X 768 Display Resolution Screen Size 69 cm 80 cm 5W X 2 Output 10W X 2 Dimensions (W x H x D) 64.3 X 38.9 X 7.0 cm 73.5 X 44.0 X 7.0 cm 64.3 X 43.0 X 15.1 cm 73.5 X 48.1 X 15.1 cr With stand With stand 5.4 kg UA40J5100 UA43J5100 UA48J5100 Model Name Display Resolution 1920 X 1080 Screen Size 101 cm 108 cm 121 cm 10W X 2 Output Dimensions (W x H x D) 90 7 X 52 9 X 6 6 cm 962 × 561 × 66 cm 107 6 X 62 4 X 6 7 cm

96.2 × 61.6 × 28.8 cm

107.6 X 68.3 X 31.0 cm

Design and specifications are subject to change without prior notice. For information about the power required and more about power consumption, refer to the label attached to the product

With stand

The option may differ depending on country.

90.7 X 58.6 X 28.8 cm

- 16 -- 15 -

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