# SAMSUNG

SERIES **4** SERIES **5**

# LED TV
## user manual

## Still image warning

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

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

## For India Only
This product is RoHS compliant.

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

For more information on safe disposal and recycling visit our website www.samsung.com/in or contact our helpline number - 18002668282, 18003000282

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

## Contact SAMSUNG WORLD WIDE
If you have any questions or comments relating to Samsung products, please contact the SAMSUNG customer care centre.

| Country | Customer Care Centre ☎ | Web Site |
|---|---|---|
| VIETNAM | 1800 588 889 | www.samsung.com/vn/support |
| THAILAND | 0-2689-3232, 1800-29-3232 | www.samsung.com/th/support |
| MYANMAR | +95-1-2399-888 | www.samsung.com/support |
| MALAYSIA | 1800-88-9999 603-77137477 (Overseas contact) | www.samsung.com/my/support |
| PHILIPPINES | 1-800-10-726-7864 [ PLDT Toll Free ] 1-800-8-726-7864 [ Globe Landline and Mobile ] 02- 422-2111 [ Standard Landline ] | www.samsung.com/ph/support |
| INDIA | 1800 3000 8282 - Toll Free 1800 266 8282 - Toll Free | www.samsung.com/in/support |
| BANGLADESH | 0961-2300300 0800-0300300 (Toll Free) | www.samsung.com/in/support |
| SRI LANKA | 0117540540 0115900000 | www.samsung.com/support |
| EGYPT | 08000-7267864 16580 | www.samsung.com/eg/support |
| ALGERIA | 3004 (Toll Free) | www.samsung.com/n_africa/support |
| IRAN | 021-8255 [CE] | www.samsung.com/iran/support |
| SAUDI ARABIA | 800 247 3457 (800 24/7 HELP) | www.samsung.com/sa/home |
| PAKISTAN | 0800-Samsung (72678) | www.samsung.com/pk/support |
| TUNISIA | 80-1000-12 | www.samsung.com/n_africa/support |
| U.A.E | 800-SAMSUNG (800 - 726 7864) | www.samsung.com/ae/support (English) |
| OMAN | 800-SAMSUNG (800 - 726 7864) | |
| KUWAIT | 183-CALL (183-2255) | www.samsung.com/ae_ar/support (Arabic) |
| BAHRAIN | 8000-GSAM (8000-4726) | |
| QATAR | 800-CALL (800-2255) | |
| JORDAN | 0800-22273 06 5777444 | |
| SYRIA | 18252273 | www.samsung.com/Levant |
| LEBANON | 961 1484 999 | |
| MOROCCO | 080 100 22 55 | www.samsung.com/n_africa/support |
| SOUTH AFRICA | 0860 SAMSUNG (726 7864) | |
| BOTSWANA | 8007260000 | www.samsung.com/support |
| NAMIBIA | 08 197 267 864 | |
| ZAMBIA | 0211 350370 | |
| MAURITIUS | 800 2550 | |
| REUNION | 0262 50 88 80 | |
| ANGOLA | 917 267 864 | |
| MOZAMBIQUE | 847267864 / 827267864 | |
| NIGERIA | 0800-726-7864 | |
| GHANA | 0800-10077 0302-200077 | |
| COTE D'IVORE | 8000 0077 | www.samsung.com/africa_en/support |
| SENEGAL | 800-00-0077 | www.samsung.com/africa_fr/support |
| CAMEROON | 7095-0077 | |
| KENYA | 0800 545 545 | |
| UGANDA | 0800 300 300 | |
| TANZANIA | 0800 755 755 / 0685 889 900 | |
| RWANDA | 9999 | www.samsung.com/support |
| BURUNDI | 200 | |
| DRC | 499999 | |
| SUDAN | 1969 | |

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## Important Safety Instructions

# Warning! Important Safety Instructions

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

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

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

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

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

• 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 apparatus 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 disconnect the antenna or cable system. This will prevent damage to the set due to lightning and power line surges.
• Before connecting the AC power cord to the DC adaptor outlet, make sure the voltage designation of the DC adaptor corresponds to the local electrical supply. (depending on the model)
• Never insert anything metallic into the open parts of this apparatus. Doing so may create a danger of electric shock.
• To avoid electric shock, never touch the inside of this apparatus. Only a qualified technician should open this apparatus.
• Make sure to plug the power cord in until it is firmly inserted. Pull on the plug, not the cord, when removing the power cord from the outlet. Do not touch the power cord with wet hands.
• If this apparatus does not operate normally - in particular, if there are any unusual sounds or smells coming from it - unplug it immediately and contact an 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 to your set.
• Use only a properly grounded plug and receptacle.
 – An improper ground may cause electric shock or equipment damage. (Class I Equipment only.)
• To turn off the apparatus completely, you must pull the power plug out of the wall socket. Consequently, the power plug should be readily accessible at all times.
• Do not allow children to hang onto the product.
• Store the accessories (batteries, etc.) in a location safely out of the reach of children.
• Do not install the product in an unstable location such as a 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 product.
• Do not expose the apparatus to dripping or splashing.
• Do not dispose of batteries in a fire.
• Do not short circuit, disassemble, or overheat the batteries.
• 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.

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## Getting Started

### Accessories

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

✎ Only for UJ4100/4101/4102:
• Bracket-Wall
• Wall-Mount Kit
• Spacer-Felt
• Wall-Mount Quick setup guide
• Screw Setting Guide

UJ4100/4101/4102

UJ5100

• Cable Holder(1EA)    Assembling the Cable Holder

### Input Cables (Sold Separately)

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

### TV Controller (Panel Key)

Selecting the Media Play

Selecting the Menu — Selecting a Source
Power off

Function menu

Remote control sensor

**TV Controller**
The image is drawn by facing the front side of the TV.

✎ 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')

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## Connections

• For better picture and audio quality, connect to a digital device using an HDMI cable.
• The picture may not display normally (if at all) or the audio may not work if an external device that uses an older version of HDMI mode is connected to the TV. If such a problem occurs, ask the manufacturer of the external device about the HDMI version and, if out of date, request an upgrade.
• Be sure to purchase a certified HDMI cable. Otherwise, the picture may not display or a connection error may occur.

• **PC / DVI AUDIO IN** input is not supported.
• For HDMI/DVI cable connection, you must use the HDMI IN 2 (DVI) port.
• Connecting through the HDMI cable may not be supported depending on the PC.
• If an HDMI to DVI cable is connected to the HDMI IN 2 (DVI) port, the audio does not work.
• For Set-top box connection using HDMI cable, we highly recommend you to connect the HDMI IN 1 (STB) port.

### HDMI connection
Blu-ray player / DVD / Set-top box

### PC connection
PC

• The rear panel may differ depending on the model.

TV Rear Panel

Power Input

TV Side Panel

USB

UA32J4100
UA32J4101
UA32J4102
UA43J5100
UA40J5100
UA48J5100
UA50J5100

UA28J4100    UA28J4100

VHF/UHF Antenna

Cable

or

Audio connection (Analog)
DVD / Home Theater

Component connection
Blu-ray player / DVD

AV connection
VCR

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## 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.

✎ You can only choose external devices that are connected to the TV. In the Source List, connected inputs will be highlighted.
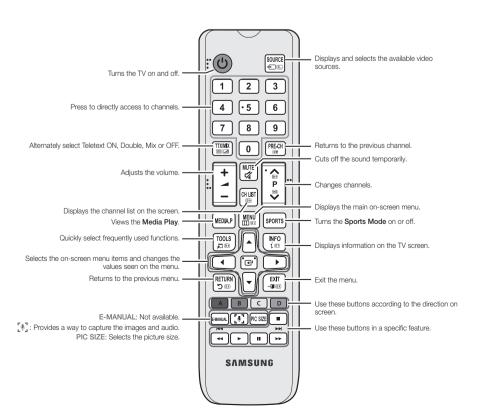
### How to use Edit Name
Edit Name lets you associate a device name to an input source. To access Edit Name, enter Support menu and select Edit Name. Name the device connected to the input jacks to make your input source selection easier.

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

## Remote Control

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

Turns the TV on and off.

Displays and selects the available video sources.

Press to directly access to channels.

Returns to the previous channel.

Alternately select Teletext ON, Double, Mix or OFF.

Cuts off the sound temporally.

Adjusts the volume.

Changes channels.

Displays the channel list on the screen.

Displays the main on-screen menu.

Views the Media Play.

Turns the Sports Mode on or off.

Quickly select frequently used functions.

Displays information on the TV screen.

Selects the on-screen menu items and changes the values seen on the menu.

Returns to the previous menu.

Exit the menu.

E-MANUAL: Not available.

⟨ : ⟩ : Provides a way to capture the images and audio.
PIC SIZE: Selects the picture size.

Use these buttons according to the direction on screen.

Use these buttons in a specific feature.

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## Display Modes (HDMI/DVI Input)
Optimal resolution
4 series:1366 x 768@60Hz,1600 x 900@60Hz / 5 series: 1920 x 1080@60Hz

| Mode | Resolution | Horizontal Frequency (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 | -/+ | ✓ | ✓ |
| MAC | 640 x 480 | 35.000 | 66.667 | 30.240 | -/- | ✓ | ✓ |
| | 832 x 624 | 49.726 | 74.551 | 57.284 | -/- | ✓ | ✓ |
| | 1152 x 870 | 68.681 | 75.062 | 100.000 | -/- | ✓ | ✓ |
| VESA DMT | 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 | +/+ | ✓ | ✓ |
| | 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.
• The Colour and shape may vary depending on the model.

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## Channel Menu

### ❏ Seeing Channels

#### Channel List
Select a channel in the All Channels, Added Channels screen by pressing the ▲ / ▼ buttons, and pressing the ENTER (↵ button. Then you can watch the selected channel.
✎ Using the remote control buttons with the Channel List

#### Channel Status Display icons

| 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 is abnormal sound or no sound, reselect the sound standard required.

#### 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 items may differ depending on the channel status.
■ Add / Delete: Delete or add a channel to display the channels you want.
 ✎ All deleted channels will be shown on the All Channels menu.
 ✎ A "⊠" 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 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 right-hand side of the channel number in the channel banner.
✎ This is available for analogue broadcasts only.

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## 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 available.
✎ 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 the TV.
✎ 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 size.
 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 horizontally. A magnified or shrunk picture can be moved left, right, up, and down.
 ✎ Do not watch in 4:3 format for a long time. Traces of borders displayed on the left, right and centre of the screen may cause image retention (screen burn) which are not covered by the warranty.
 ✎ NOTE
 • Depending on the input source, the picture size options may vary.
 • The available items may differ depending on the selected mode.
 • Settings can be adjusted and stored for each external device connected to an input on the TV.
■ Digital Clean View: (Auto / Off / Low / Medium / High) If the broadcast signal received by your TV is weak, you can activate the Digital Clean View feature to reduce any static and ghosting that may appear on the screen.
 ✎ When the signal is weak, try other options until the best picture is displayed.
■ HDMI Black Level: Selects the black level on the screen to adjust the screen depth.
 ✎ Available only in HDMI mode (RGB signals).
■ Film Mode: (Auto / Off) Sets the TV to automatically sense and process film signals from all sources and adjust the picture for optimum quality.
 ✎ Available in TV mode, AV, COMPONENT (480i / 1080i) and HDMI (480i / 1080i).
■ Motion Lighting: Reduce power consumption by brightness control adapted motion.
 ✎ Only available in Standard mode.
■ Analogue Clean View: Reduces diagonal noise in picture caused by the crosstalk of signals.

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

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## 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 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) technology.

### 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 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 Speaker Select to TV Speaker, both the TV's speakers and the external speakers are on. You will hear sound through both.
✎ When Speaker Select is set to External Speaker, the volume and MUTE buttons will not operate and the sound settings will be limited.
✎ 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 the screen.

| | Audio Type | Dual I-II | Default |
|---|---|---|---|
| A2 Stereo | Mono | Mono | Automatic change |
| | Stereo | Stereo ↔ Mono | |
| | Dual | Dual I ↔ Dual II | Dual I |
| NICAM Stereo | Mono | Mono | Automatic change |
| | Stereo | Mono ↔ Stereo | |
| | Dual | Mono ↔ Dual I ↳ Dual II ↵ | Dual I |

✎ If the stereo signal is weak and an automatic switching, occurs, then switch to the mono.
✎ Only activated in stereo sound signal.
✎ This function is available for all input sources.

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## Setup Menu

### Language
Set the menu language.
✎ Press ▲ or ▼ button to select menu language. (According to the different areas, some countries 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 off 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 and High.
✎ The Melody does not play.
 – When no sound is output from the TV because the volume has been reduced to minimum with the VOL – button.
 – When the TV is turned off by Sleep Timer function.

### Auto Power Off
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.

[UJ4100-SEA]BN68-06949A-01ENG. indb    1    2015-08-13    □□ 9:00:18

## Support Menu

### ❏ Using the Media Play

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

#### Connecting a USB Device

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 ENTER ☞ button.
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**.

■ **Videos**
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.
3. Press the ENTER ☞ button or ► (Play) button.

#### Other Restrictions

- Video content will not play, or not play correctly, if there is an error in the content or the container.
- Sound or video may not work if the contents have a standard bit rate/frame rate above the compatible Frame/sec listed in the table above.
- If the Index Table is in error, the Seek (Jump) function is not supported.
- The menu may take longer to appear if the video's bit rate exceeds 10Mbps.
- Video content can not be played, if there are many contents in one file.

**Video Decoder**
Supports up to H.264, Level 4.1
H.264 FMO / ASO / RS, VC1 SP / MP / AP L4 and AVCHD are not supported.
MPEG4 SP, ASP :
– Below 1280 x 720: 60 frame max
– Above 1280 x 720: 30 frame max
H.263 is not supported.
GMC is not support.

**Audio Decoder**
Supports up to WMA7, 8, 9 STD, 9 PRO, 10 PRO
WMA 9 PRO and WMA 10 PRO support 5.1 channel. (LBR mode of WMA Pro is not supported)
WMA Lossless is not supported.

■ **Music**
1. Press the ◄ or ► button to select **Music**, then press the ENTER ☞ button in the **Media Play** menu.
2. Press the ◄/►/▲/▼ buttons to select the desired Music in the file list.
3. Press the ENTER ☞ button or ► (Play) button.

■ **Photos**
1. Press the ◄ or ► button to select **Photos**, then press the ENTER ☞ button in the **Media Play** menu.
2. Press the ◄/►/▲/▼ buttons to select the desired photo in the file list.
3. Press the ENTER ☞ button or ► (Play) button.

#### Other Restrictions
CMYK, YCCK Colour space JPEG are not supported.

### ❏ Using the Sports Mode
**Sports Mode** [TOOLS ❞]
This mode provides optimised condition for watching sports games.

### ❏ 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.

### ❏ Using the Family TV Mode
**Family TV Mode** ❞
This mode provides a way to capture the images and audio.

#### Screen Capture
After turning on the **Family TV Mode** mode, press ❞ to make a current screen capture.
Items are stored in **Photos** folder in **Media Play**.

### Sound Capture
After turning on the **Family TV Mode** mode, press ❞ to make a recording of the current sound, press ❞ again to stop the recording.
Items are stored in **Music** folder in **Media Play**.

### Story Replay
1. To start Story Replay while watching TV, press ❞. This records audio in real-time, and captures the screen every 5 seconds in the meanwhile.

### View Content

### ❏ Default Recording Device

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

### ❏ Changing the Use Mode

### ❏ DivX® Video On Demand

### ❏ HD Connection Guide
You can read a guide to connect external devices for HD sources.

### ❏ Contact Samsung

## Other Information

### Installing the Wall Mount

### Securing the TV to the Wall

⚠ **Caution:** Pulling, pushing, or climbing onto the TV may cause the TV to fall.

## Troubleshooting

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

## Storage and Maintenance

## Securing the Installation Space

## Licence

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

### Recommendation - Jordan Only

## Specifications

| Environmental Considerations | |
|---|---|
| Operating Temperature | 10°C to 40°C (50°F to 104°F) |
| Operating Humidity | 10% to 80%, non-condensing |
| Storage Temperature | -20°C to 45°C (-4°F to 113°F) |
| Storage Humidity | 5% to 95%, non-condensing |