may be changed without notice.

user manua

4inches

Important Warranty Information Regarding

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

Television Format Viewing

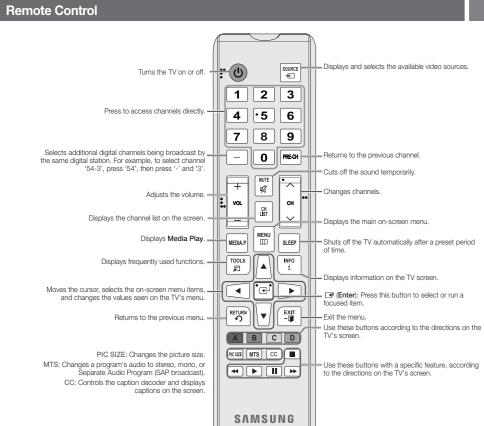
 Wide screen format LED Displays with aspect ratios of 16:9 (the ratio of the screen width to screen height) are primarily designed to display wide screen format full-motion video. The images displayed on them should primarly be to best possible match.
 Always try to display any image on full screen, use TV set picture format menu for best possible match.
 Beduce brightness and contrast values to minimum required to achieve desired prior to display station logo, web sites or constantly moving. Displaying stationary images and text such as stock market crawls, video game displays, station logo, web sites or computer graphics and primarily display full be limited as described above for all television. Displaying stationary images and treat such as stock market crawls, video game displays, station logo, web sites or cause uneven aging of LED Displays that exceed the above gridelines can cause uneven aging of LED Displays that eave subtle, but permanent burned-in ghost images, in the LED Display full screen moving images, not stationary patterns or dark bars. On LED models that offer picture sizing features, use these controls to view different the selection and duration of television formats you use for viewing. Uneven LED aging as a result of format selectoric format selectoric functions as a full screen picture. Be careful in the selection and duration of television formats you use to viewing. Uneven LED aging as a result of format selectoric format selectoric for viewing. Uneven LED aging as a result of format selectoric format selectoric for viewing. Uneven LED aging as a result of format selectoric and user and would for the percent picture sizing features, use these controls to view different features and the selectoric and duration of television formats you use for viewing. Uneven LED aging as a result of format selectoric only.
 If you use parts provided by anther manufacturer, it may result in a problem with the product falling.
 The appearance m Nide screen format LED Displays with aspect ratios of 16:9 (the ratio of the imited warranty.

SAMSUNG ELECTRONICS NORTH AMERICAN LIMITED WARRANTY STATEMENT

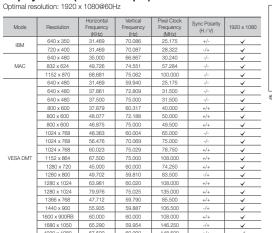
Subject to the requirements, conditions, exclusions and limitations of the original Limited Waranty supplied with Samsung Electronics (SAMSUNG) products, and the requirements, conditions, exclusions and limitations contained herein, SAMSUNG will additionally provide Warranty Repair Service in the United States on SAMSUNG products purchased in Canada, and in Canada on SAMSUNG products purchased in the United States, for the warranty period originally specified, and to the Original Purchaser only.

The above described warranty repairs must be performed by a SAMSUNG Authorized Service Center. Along with this Statement and the Original Limited Warranty Statement, a dated Bill of Sale as Proof of Purchase must be presented to the Service Center. Transportation to and from the Service Center is the responsibility of the purchaser. Conditions covered are limited only to manufacturing defects in material or workmanship, and only those encountered in normal use of the product. Exclusions include, but are not limited to, any originally specified provisions for in-home or on-site services, minimum or maximum repair times, exchanges or replacements, accessories, options, upgrades, or consumables. For the location of a SAMSUNG Authorized Service Center, please call toll-free: In the Inter States: 1400-SAMSUNG (JLR0C, 1780-726-786/U The above described warranty repairs must be performed by a SAMSUNG Authorized

- In the United States : 1-800-SAMSUNG (1-800-726-7864) - In Canada : 1-800-SAMSUNG



Display Modes (HDMI/DVI Input)



Still image warning

Avoid displaying still images (such as ipeg picture files) or still image elements (such as TV channel logos, panorama or 4.3 image format, stock or news bars at screen bottom etc.) on the screen Constant displaying of still pictures can cause ghosting of LED screen, which will affect image quality. To reduce risk of this effect, please follow Avoid displaying the same TV channel for long periods

5000

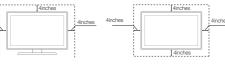
• Always try to display any image on full screen, use TV set picture format menu for

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

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

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

Installation with a stand. Installation with a wall-mount



Contact SAMSUNG WORLD WIDE you have any questions or comments relating to Samsung products e SAMSLING custon

Country	CANADA	U.S.A	
Address	Samsung Electronics Canada Inc. 2050 Derry Road West, Mississauga, Ontario L5N 0B9 Canada	Samsung Electronics America, Inc. 85 Challenger Road Ridgefield Park, NJ 07660	
Customer Care Center2	1-800-SAMSUNG (726-7864)	1-800-SAMSUNG (726-7864)	
Web Site	www.samsung.com/ca/ support (English) www.samsung.com/ca_fr/ support (French)	www.samsung.com/us/ support	

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Shuts off the TV automatically after a preset period Use these buttons according to the directions on the

The button names above may differ from the actual names. Some buttons on the remote control may not be available Not this remote control has Braille points on the Power. Channel, Volume, and Enter buttons and can be used by visually impaired persons

Installing batteries (Battery size: AAA)

🔊 NOTE

 Use the remote control within 23 feet from TV. Avoid use when nearby fluorescent lights or neon signs

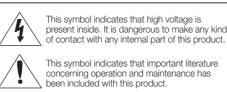
• Bright light may affect the performance of the remote control. . The Color and shape may vary depending on the model.

SAMSUNG 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



- 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 authorized 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 authorized dealer or service center. • Be sure to pull the power plug out of the outlet if the TV is to remain unused or if you are to leave the house for an extended period of time
- (especially when children, elderly or disabled people will be left alone in the house - Accumulated dust can cause an electric shock, an electric leakage, or a fire by causing the power cord to generate sparks and heat or cause the insulation to deteriorate.
- Be sure to contact an authorized service center, when installing your set in a location with heavy dust, high or low temperatures, high humidity remical substances or where it will operate for 24 hours and ay such as in an airport, a train station, etc. Failure to do so may cau 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 center. • To clean the product, unplug the power cord from the power outlet and wipe the product using a soft cloth dipped in a small amount of water 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

- 2 -

Channel List

Channel List Option Menu

All deleted channels will be shown on the All Channels menu.

The Add menu only appears for deleted channels.

Timer Viewing: You can set a desired channel to be displayed

Channel Name Edit: (analog channels only) Assign your own

channel. Set the current time first to use this function.

Only memorized channels can be reserved.

■ Select All: Select all the channels in the channel list.

■ Deselect All: Deselect all the selected channels.

Channel List → Programmed → TOOLSE

also change the reservation Information.)

modify or delete a show you h

Change Info: Change a show you have reserved to watch.

Cancel Schedules: Cancel a show you have reserved to watch.

■ Information: Display a show you have reserved to watch. (You can

Select All / Deselect All: You can select or deselect all channels in

Change the channel mode directly between Added Channels and

The Favorite Channels is enabled only when you set Add to

If the reception is clear, you do not have to fine tune the channel, as

Sine tuned channels that have been saved are marked with an

signal is weak or distorted, fine tune the channel manually.

this is done automatically during the search and store operation. If the

asterisk "*" on the right-hand side of the channel number in the

A grav-colored channel indicates the channel has been deleted.

Delete a channel from the Added Channels or Favorite menu in

Add to Favorite / Delete from Favorite TOOLST: Set channels you

automatically at the set time; even when you are watching another

Reserved programs will be displayed in the Programmed menu

When a digital channel is selected, press the
(Next Program)

Sou can only select Deselect All when one or more channels

■ Auto Program: Scans for a channel automatically and stores in the

(Schedule) button on the next program, jour select the ENTER ((Schedule) button on the next program, you can set Timer

Channel List → TOOLSE

the same manner.

Viewing directly.

annel name

are selected.

Programmed

Channel Mode

Favorite Channels.

(analog channels only)

channel banner.

Solution To reset the fine-tuning, select Reset.

Favorite.

Fine Tune

(in Channel List)

watch frequently as Favorites.

Channel Menu

□ Seeing Channels

Channel List

- Set each channel using the **Channel List** menu options. Option menu items may differ depending on the channel status. Add, delete or set Favorite channels and use the program guide for digital broadcasts. Select a channel in the All Channels, Added Add / Delete: Delete or add a channel to display the channels you Channels, Favorite or Programmed screen by pressing the ▲/▼
- buttons, and pressing the ENTER 🗳 button. Then you can watch the selected channel.
- All Channels: Shows all currently available channels
- Added Channels: Shows all added channels.
- ♥ Favorite: Shows all favorite channels.
- Programmed: Shows all currently reserved programs Using the remote control buttons with the Channel List
- Green (Zoom): Enlarges or shrinks a channel number. Yellow (Select): Selects multiple channel lists. Select desired channels and press the Yellow button to set all the selected channels at the same time. The \checkmark mark appears to the left of he selected channels
- 🖅 (Tools): Displays the Channel List option menu. (The Options nenus may differ depending on the situation.)

Channel Status Display icons ✓: A channel selected.

- ♥ : A channel set as a Favorite.

Memorizing channels

Antenna (Switch to Cable / Switch to Air TOOLST) Before your television can begin memorizing the available channels, you ust specify the type of signal source that is connected to the TV (i.e.

Auto Program

an **Air** or a **Cable** system).

- When selecting the Cable TV system: Selects the cable system. STD, HRC and IRC identify various types of cable TV systems. Contact your local cable company to identify the type of cable system that exists in your particular area. At this point, the signal
- source has been selected.
- $^{\odot}$ After all the available channels are stored, it starts to remove scrambled channels. The Auto Program menu then reappears
- Press the ENTER Houtton to stop the channel store during Auto Program

How to Stop Auto Programming

- Press the ENTER + button. 2. A message will ask Stop Auto Program?. Select Yes by pressing
- the ◀ or ► button. 3. Press the ENTER + button.

Other Features

Clear Scrambled Channel

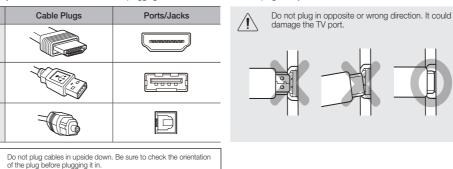
- This function filters out scrambled channels after Auto Program is
- completed. This process may take up to 20~30 minutes Newsymbol Press the ENTER 🕑 button to stop the Clear Scrambled Channel.
- Solution This function is only available in **Cable** mode.

Getting Started Accessories Remote Control & Batteries (AAA x 2) Power Cord Warranty Card / Regulatory Guide Cable Guide Owner's Instructions Input Cables (Sold Separately)

Component
Coaxial (RF) Composite (AV)

 HDMI HDMI-DVI

Make sure you have the correct cable before plugging it in. Illustrations of common plugs and jacks are shown below.



Audio

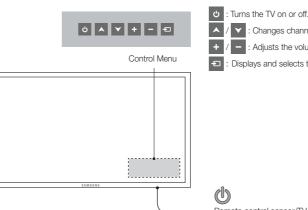
HDMI

USB

Optical

<u>/!</u>\

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



▲ / ¥ : Changes channels. + / - : Adjusts the volume. Displays and selects the available video sources.

Remote control sensor/TV Controller

The product color and shape may vary depending on the model.

You cannot input the numbers by pressing the TV's controller.

🔊 If you press it first, the control menu appears. You can select the function by pressing and holding the TV's controller 📎 With the TV's Controller, you cannot perform other operations except for turning the TV on or off, changing the channel, adjusting the volume, and switching the input source.

Plug & Play (Initial Setup)

When you turn the TV on for the first time, a sequence of screens and on-screen prompts will assist you in configuring the TV's basic settings. Press ne POWER button. Plug & Play is available only when the Input source is set to TV. Set the initial setup following instructions that the TV guides. Connecting the power cord and antenna. (refer to 'Connections')

- 3

Picture Menu Mode TOOLS

Standard.

Color Tone

are inputted

elect your preferred picture type.

- Nhen connecting a PC, you can only select Entertain and
- Dynamic: Suitable for a bright room. Standard: Suitable for a normal environment
- Movie: Suitable for watching movies in a dark room.
- Entertain: Suitable for watching movies and games.
- Only available when connecting a PC.

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

Your television has several setting options for picture quality control Solution When connecting a PC, you can only make changes to Backlight, Contrast, Brightness and Sharpness.

Picture Options Nhen connecting a PC, you can only make changes to the Color Tone, Size, and HDMI Black Level.

Warm will be deactivated when the picture mode is Dvnamic 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. Zoom1: Use for moderate magnification.

Zoom2: Use for a stronger magnification Wide Fit: Enlarges the aspect ratio of the picture to fit the entire

4:3: Sets the picture to basic (4:3) mode. Do not watch in 4:3 format for a long time. Traces of borders

displayed on the left, right and center of the screen may cause image retention (screen burn) which are not covered by the Screen Fit: (DTV) Displays the full image without any cut-off when

HDMI (720p / 1080i / 1080p) or Component (1080i / 1080p) signals

HD (High Definition): 16:9 - 1080i/1080p (1920x1080), 720p

Settings can be adjusted and stored for each external device you bettings can be adjusted and stored for have connected to an input on the TV. Picture Sizes available by Input Source: Input Source Picture Size ATV, AV, Component (480i, 480p) 16:9, Zoom1, Zoom2, 4:3 DTV (1080i), Component (1080i.

DTV (1080i), Component (1080i, 1080p), HDMI (720p, 1080i, 1080p) 16:9, Wide Fit, 4:3, Screen Fit Custom: Magnifies or shrinks 16:9 pictures vertically and/or

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

- Digital Clean View: If the broadcast signal received by your TV is reak. you can activate the Digital Clean View feature to reduce any static and ghosting that may appear on the screen ${}^{\textcircled{}}$ When the signal is weak, try other options until the best picture
- HDMI Black Level: Selects the black level on the screen to adjust the screen depth 🖄 Available only in HDMI mode (RGB signals).
- Film Mode: Sets the TV to automatically sense and process film signals from all sources and adjusts the picture for optimum quality. Available in ATV, DTV(interlace), AV, COMPONENT (480i / 1080i) nd HDMI (480i / 1080i).
- Motion Lighting: When on, the TV automatically adjusts the brightness of the screen in response to the brightness of the room. In bright light, the screen brightens. In dim light, the screen dims.

Picture Reset

Resets your current picture mode to its default settings ■ Reset Picture Mode: Returns all picture values in the currently elected mode to the default settings.

Sound Menu

Mode TOOLS

- Standard: Selects the normal sound mode.
- Music: Emphasizes music over voices. Movie: Provides the best sound for movies
- Clear Voice: Emphasizes voices over other sounds.

Equalizer

- (standard sound mode only) Balance L/R: Adjusts the balance between the right and left speaker
- 100Hz / 300Hz / 1kHz / 3kHz / 10kHz (Bandwidth Adjustment): Adjusts the level of specific bandwidth frequencie
- Reset: Resets the equalizer to its default settings.

DTS TruSurround

(standard sound mode only) DTS TruSurround is a patented DTS technology that solves the problem delivers a compelling, virtual surround sound experience through any two-speaker playback system, including internal television speakers. It is fully compatible with all multichannel formats.

Preferred Language

(digital channels only)

- Digital-TV broadcasts are capable of simultaneous transmission of many audio tracks (for example, simultaneous translations of the program into
- foreign languages). S You can only select a language from among the ones being broadcasted.

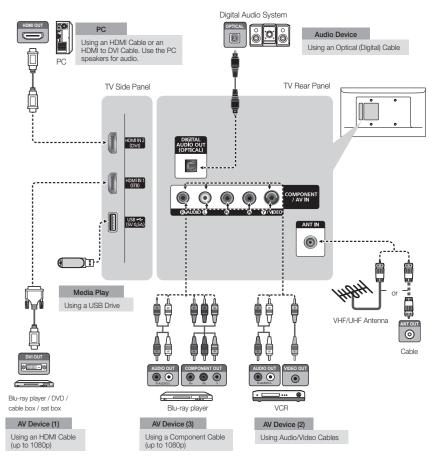
Connections

an HDMI cable.

- If you connect an external device to the TV that uses an older version. of HDMI, the video and audio may not work. If this occurs, ask the manufacturer of the device about the HDMI version and, if it is 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 the best picture and audio quality, connect digital devices using For an HDMI to 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.



How to use Edi t Name

- Edit Name lets you associate a device name to an input source. To access Edit Name, press the TOOLS button in Source List. 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.

Information

Language

Time

Setup Menu

Set the menu language.

function on or off.

Sleep Timer TOOLS

clock first.

to Activate.)

□ Setting the Time

You can see detailed information about the connected external device.

Choose between English, Español, and Français.

The current time will appear every time you press the INFO button

Clock Set: Set the Month, Day, Year, Hour, Minute and am/pm

If you disconnect the power cord, you have to set the clock again

DST: (Daylight Saving Time) Switches the DST (Daylight Saving Time)

ST and Time Zone function is only available when the Clock

Automatically shuts off the TV after a preset period of time. (30, 60, 90, 120, 150 and 180 minutes).

Three different on / off timer settings can be made. You must set the

■ On Time / Off Time: Set the hour, minute, am/pm and Activate

channel or play back contents such as photo or audio files.

Antenna: Displays the current antenna source.

one folder of USB storage device is 2000.

Channel: Select the desired channel.

Precautions and limitations for game mode

Inactivate. (To activate the timer with the setting you have chosen, set

Contents: When the On Time is activated, you can turn on a specific

- Music/Photo: Select the folder containing MP3/JPEG files on the

No. The maximum displayed number of files, including sub folders, in

 $^{\odot}$ The media may not be playing smoothly when using the device

Manual to set at you convenience. If you select Manual, you can set up the day you want to activate the timer.

When connecting to a game console such as PlayStation $^{\rm TM}$ or Xbox $^{\rm TM},$ you can enjoy a more realistic gaming experience by selecting the game

• To disconnect the game console and connect another external device, set **Game Mode** to **Off** in the setup menu.

• If you display the TV menu in Game Mode, the screen shakes

Game Mode is not available when the input source is set to TV

After connecting the game console, set Game Mode to On.

Unfortunately, you may notice reduced picture quality.

■ Repeat: Select Once. Everyday, Mon~Fri, Mon~Sat, Sat~Sun or

TV/USB: Select TV or USB (Make sure that an USB device is

Clock: Setting the clock is for using various timer features of the TV.

Clock Mode: Set the current time manually or automatically.

Available only when Clock Mode is set to Manual.

Time Zone: Select your time zone.

Solution To cancel the Sleep Timer, select Off.

Mode is set to Auto.

Timer 1 / Timer 2 / Timer 3

■ Volume: Set the desired volume level.

connected to your TV.)

lower than USB 2.0

Other Features

Game Mode

- 8 -

ISB device.

Multi-Track Sound

1. Press the SOURCE button.

Changing the Input Source

ay player / cable box / STB satellite receiver

TV / AV / Component / HDMI1 / HDMI2/DVI

2. Select a desired external input source.

(analog channels only)

Mono: Choose for channels that are broadcasting in mono or if you

Use to select TV or an external input source such as a DVD player / Blu-

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

- are having difficulty receiving a stereo signal. Stereo: Choose for channels that are broadcasting in stereo
- SAP: Choose to listen to the Separate Audio Program, which is
- isually a foreign-language translation Depending on the program being broadcast, you can listen to Mono, Stereo or SAP.

Source List

Auto Volume Automatically adjusts the volume level when you change video sources

or content so the level remains the same.

- SPDIF Output
- The SPDIF (Sony Philips Digital InterFace) outputs an uncompressed digital audio signal when you connect the digital audio jack on the back of the TV to a digital audio in jack on a receiver or home theater.
- Audio Format: You can select the Digital Audio output (SPDIF) format. The available Digital Audio output (SPDIF) format may differ depending on the input source.
- Audio Delay: Lets you correct timing mismatches between the audio track and the video when you are watching the TV and listening to digital audio output from the TV through an external device such as an AV receiver. When you select **Audio Delay**, a slider appears. Use the left and right arrow buttons to adjust the slider. Press ENTER when done (0ms ~ 250ms).

Speaker Select

- A sound echo may occur due to a difference in decoding speed between
- he main speaker and the audio receiver. In this case, set the TV to External Speaker
- When Speaker Select is set to External Speaker, the volume
- and MUTE buttons will not operate and the sound settings will be limited.
- When Speaker Select is set to External Speaker
- TV Speaker: Off. External Speaker: On
- TV Speaker: Off, External Speaker: On
- If there is no video signal, both speakers will be mute.

Visual Impaired

(digital channels only) Adds verbal description to the main audio to help the visually impaired.

Dolby Digital Comp

Set Dolby Digital compression mode.

Sound Reset Beset All: Besets all sound settings to the factory defaults

Program Rating Lock

The Program Rating Lock feature automatically locks out programs that are deemed inappropriate for children. The user must enter a PIN (cersonal identification number) before any of the Program Rating Lock restrictions are set up or changed.

- Section 2012 Program Rating Lock is not available in HDMI or Component
- Solution State Program Rating Lock: You can block rated TV Programs.
- TV Parental Guidelines: You can block TV programs depending on
- heir rating. This function allows you to control what your children are watching. ■ MPAA Rating: You can block movies depending on their MPAA
- rating. The Motion Picture Association of America (MPAA) has implemented a rating system that provides parents or guardians with advanced information on which films are appropriate for children.
- Canadian English: You can block TV programs depending on their Anglophone Canadiar
- Canadian French: You can block TV programs depending on their nch Canadian rating
- Downloadable U.S. Rating: Parental restriction information can be

ot available, they will not be displayed on the screen.

Caption Mode: You can select the desired caption mode.

The Caption feature does not work in Component or HDMI

Analog Caption function operates in either analog TV channel mode

channels only) The Digital Captions function works with digita

Service1~6 may not be available in digital caption mode

Font Style: Options include Default and Styles 0 to 7. The default is

Foreground Color: Options include Default, White, Black, Red, Green, Blue, Yellow, Magenta and Cyan.

Background Color: Options include Default, White, Black, Red

background color of the caption. The default is Black.

Background Opacity: This adjusts the opacity of the caption

Color, Background Color, Foreground Opacity and Background Opacity to its default.

background. Options include Default, Transparent, Translucent, Solid

Digital Caption Options are available only when Default and

Service1 ~ Service6 can be selected in Caption Mode. $^{\circledast}$ The Foreground and Background cannot be set to have the same

You can change the color of the letter. The default is White.

 \rightarrow MUTE \rightarrow 8 \rightarrow 2 \rightarrow 4 \rightarrow POWER (on)

may or may not work with digital channels.

epending on the broadcast.

Digital Caption Options: (digital channels only)

Caption

(On-Screen Text Messages)

- ed while watching DTV channels. Change PIN: The Change PIN screen will appear. Choose any 4 digits for your PIN and enter it in Enter New PIN. Re-enter the same 4 digits
 Self Diagnosis
- the OK button. The TV has memorized your new PIN. If you forget the PIN, press the remote-control buttons in the following sequence, which resets the pin to "0-0-0" : POWER (off)

Enable/disable displaying the logo while the TV starts up.

Energy Saving: This adjust the brightness of the TV in order to

Disabled when the PC is in power saving mode.

If the screen remains idle with a still image for a certain period of

time defined by the user, the screen saver is activated to prevent the formation of ghost images on the screen.

reduce power consumption. If you select **Picture Off**, the screen is turned off, but the sound remains on. Press any button except volume

■ No Signal Power Off : Sets how quickly the TV switches to standby

Auto Power Off: The TV will be automatically turned off when no user

- Sound Test: Use the built-in melody sound to check for sound ■ Signal Strength: (digital channels only) An HD channel's reception
- quality is either perfect or the channels are unavailable. Adjust your antenna to increase signal strength. Reset: Reset all settings to the factory defaults. **Caption**: You can switch the caption function on or off. If captions are
 - The PIN input screen appears before the setup screen Senter your 4-digit PIN. Change the PIN using the Change PIN

Software Upgrade Default / CC1~CC4 / Text1~Text4: (analog channels only) The

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

or when a signal is supplied from an external device to the TV. (Depending on the broadcasting signal, the Analog Caption function Use Mode

Boot Logo

Eco Solution

button to turn on the screen.

mode, if no picture is being received.

operation is received for 4 hours.

Auto Protection Time

Support Menu

You can turn the TV into a display model for retail environments by Default / Service1 ~ Service6 / CC1 ~ CC4 / Text1 ~ Text4: (digital setting Use Mode to Store Demo For all other uses, select Home Use.

With Store Demo, some functions are disabled, and the TV automatically resets itself after a preset amount of time. HD Connection Guide

Size: Options include Default, Small, Standard and Large. The default

Contact Samsung

View this information when your TV does not work properly or when you want to upgrade the software. You can find information centers and how to download products and software. regarding our ca

ledia Play

Foreground Opacity: This adjusts the opacity of text. Options include Default, Transparent, Translucent, Solid and Flashing. Enjoy photos, music and/or movie files saved on a USB Mass Storage Class (MSC) device.

Return to Default: This option sets each Size. Font Style. Foreground

Connecting a USB Device

1. Turn on your TV. Connect a USB device containing photo, music and/or movie files to the USB jack on the side of the TV. 3. When USB is connected to the TV, you can select Media Play (USB) in Applications menu.

Troubleshooting

and Flashing

If the TV seems to have a problem, first review this list of possible problems and solutions. If none of these troubleshooting tips apply, visit samsung com, then click on Support, or call Samsung customer service at 1-800-SAMSUNG

Problem	Possible Solution			
Flickering and Dimming	If your Samsung Television is flickering or dimming sporadically, you may need to disable some of its energy efficient features like the Energy Saving feature. If you follow below step with your remote, you can turn these features off or on.			
	Energy Saving : MENU → Setup → Eco Solution → Energy Saving → Select Settings			
Component Connections / Screen Color	If you find that the color on your Samsung television's screen is not correct or black and White, first run a Self Diagnosis on the TV to make sure there are no device issues.			
	• Self Diagnosis : MENU \rightarrow Support \rightarrow Self Diagnosis \rightarrow Picture Test			
	If the test is ok, try making sure:			
	 Your connections are all consistent. For example, if you've used the AV In jack on your TV, make sure you have used the AV Out jack on your video source. 			
	 Try making sure you have connected to the correct jacks. For example, if you use the Component jacks, labeled Pb, Pr, and Y, to connect your TV and video source, make sure you have connected the blue Pb jack on the video source to the blue Pl jack on the TV, the red Pr jack on the source to the red Pr jack on the TV. 			
Screen Brightness	If you find that the colors on your Samsung TV are correct but just a little too dark or bright, there are some settings you should check before calling for a repair.			
	 Backlight, Contrast, Brightness, Sharpness, Color, Tint (G/R) and so on. Go in to "Picture" on user Menu then try adjusting options mentioned above. 			
Unwanted Powering off	If your Samsung TV appears to turn off by itself, there may be an issue with either your Timer settings or your Eco friendly No Signal Power Off feature.			
	First make sure you Sleep Timer is not accidentally set. The sleep timer allows you the comfort of falling asleep with the TV still on but, turns it off after a certain period of time so as not to waste energy.			
	• Sleep Timer : MENU \rightarrow Setup \rightarrow Time \rightarrow Sleep Timer			
	If the Sleep Timer is not activated, you may have engaged the No Signal Power Off or Auto Power Off feature.			
	 No Signal Power Off : MENU → Setup → Eco Solution → No Signal Power Off 			
	 Auto Power Off : MENU → Setup → Eco Solution → Auto Power Off 			
Trouble Powering On	Before Turn on check red light on the right or left bottom of your TV. Press power on button on TV or remote and it will blink about 5 times before turning on.			
	If you find that you are having trouble powering on your Samsung television, there are a number of things to check before making a call to the service department.			
	 If you happen to be using the TV as a monitor and the stand-by light only blinks for a few seconds when you press the power button, your PC is in sleep mode. To take your PC out of sleep mode, press a key on your keyboard or move the mouse. Then try turning your TV on. 			
	If you're sure your power cord, remote control, and PC are functioning properly, you may be having a cable issue. If you have a cable or satellite box, your TV may appear to be off because the cable or satellite box is not outputting a signal. To test the signal output of your cable or satellite box, press the guide or info button on the cable or satellite box remote control. If the screen displays the guide or info data, the problem is caused by the box.			
Stand Assembly	If you have any trouble to assemble the stand though you refer to "Install the Stand" mentioned at separate guide.			
Cannot find channel	Re-run plug and play.			
Poor picture	First, perform the Picture Test and to see if your TV is properly displaying the test image. Go to MENU - Support - Self Diagnosis - Picture Test			
	If the test image is properly displayed, the poor picture may be caused by the source or signal.			
The TV image does not look as good as it did in the store.	If you have an analog cable/satellite box, upgrade to a digital set top box. Use HDMI or Component cables to deliver HD (high definition) picture quality.			
did in the store.	Cable/Satellite subscribers: Try HD channels from the channel line up.			
	Air/Cable Antenna connection: Try HD channels after performing Auto program.			
	Many HD channels are up scaled from SD(Standard Definition) contents.			
	 Adjust the Cable/Set top box video output resolution to 1080i or 720p. 			
The picture is distorted: macroblock error, small block, dots, pixelization.	 Compression of video contents may cause picture distortion, especially on fast moving pictures such as sports and action movies. 			
	 A weak signal can cause picture distortion. This is not a TV problem. 			
	 Mobile phones used close to the TV (within 3.3ft) may cause noise in the picture on analog and digital channels. 			
Color is wrong or missing.	If you're using a component connection, make sure the component cables are connected to the correct jacks. Incorrect or loose connections may cause color problems or a blank screen.			
There is poor color or brightness.	Adjust the Picture options in the TV menu. (Go to Picture Mode / Color / Brightness / Sharpness)			
mara la poor obior or originaridad.	Adjust the Energy Saving option in the TV menu. (Go to Picture Mode / Color / Brightness / Sharphess) Adjust the Energy Saving option in the TV menu. (Go to MENU - Setup - Eco Solution - Energy Saving)			
	Try resetting the picture to view the default picture setting. (Go to MENU - Picture - Picture Reset)			
There is a dotted line on the edge of the	If the picture size is set to Screen Fit, change it to 16:9.			
screen.	Change the cable/satellite box resolution.			
	Change the suble during box resolution.			

Using the Media Play Menu

- Press the MENU button. Press the ▲ or ▼ button to select Applications, then press the ENTER Button. 2. Press the ▲ or ▼ button to select Media Play (USB), then press the 2. Press the ◄/►/▲/▼ buttons to select the desired video in the file
- ENTER 🕑 button. 3. Press the ◄ or ► button to select an icon (Videos, Music, Photos, 3. Press the ENTER 🖼 button or 下 (Play) button. Settings), then press the ENTER I button.
- It might not work properly with unlicensed multimedia files Need-to-Know List before using Media Play (USB)
- Supported file systems are FAT and NTFS.
 Certain types of USB Digital camera and audio devices may not
 - be compatible with this TV. Media Play only supports USB Mass Storage Class (MSC) devices. MSC is a Mass Storage Class Bulk-Only Transport device. Examples of MSC are Thumb drives and Flash Card Readers. Devices should be connected directly to the TV's USB
- port. USB HDD is not supported. Before connecting your device to the TV, please back up your files to prevent them from damage or loss of data. SAMSUNG is not sponsible for any data file damage or data loss. A USB device that requires high power (more than 0.5A) may not
- be supported. 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 ot Supported File Format" message appears. 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 recognized or may malfunction. e TV has no input during the time set in Auto Protection
- Time, the Screensaver will run. • The power-saving mode of some external hard disk drives may be
- released automatically when your connect them to the TV. If you use a USB extension cable, the TV may not recognize the USB device or may not be able to read the files on the device.
- If a USB device connected to the TV is not recognized, the list of files on the device is corrupted, or a file in the list is not played, connect the USB
- device to a PC, format the device, and check the connection • If a file you deleted from the PC is still found when you run Media
- Play, use the "Empty the Recycle Bin" function on the PC to permanently delete the file.
- Photos only supports sequential jpeg format.
- The scene search and thumbnail functions are not supported in 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 2000.
- The media may not be playing smoothly when using the device lower than USB 2.0.

Videos

- Press the ◀/▶ buttons to select Videos, then press the ENTER 🕑 button in the Media Play menu
- The selected file is displayed on the top with its playing time. If video time information is unknown, playing time and the progress bar are not displayed.
- During video playback, you can search using the ◄/► buttons. Not this mode, you can play movie clips contained in a game, but you
- cannot play the game itself. Supported Subtitle Formats

External

Name		File extension		
MPEG-4 timed text		.ttxt		
SAMI		.smi		
SubRip		.srt		
SubViewer		.sub		
Micro DVD		.sub or .txt		
SubStation Alpha		.ssa		
Advanced SubStation Alpha		.ass		
Internal				
		_		

Name				Container	Format			nat	
Xsub		AVI		Picture Format					
SubStation Alpha				MKV		Text Format			
Advanced SubStation Alpha			MKV		Text Format				
	SubRip			MKV			Text Format		
N	IPEG-4 Time	ed text		MP4		Text Format		ormat	
Suppor	ted Video	Formats							
File	Container	Video Codeo	; R	lesolution	Fran rate(f		Bit rate (Mbps)	Audio Codec	
		Motion JPEG	à 6	640x480			8		
*.avi *.mkv		H.264 BP/ MP/HP							
*.asf *.wmv AVI	AVI	H. 264 BP / MP / HP						AC3	
*.mp4 *.mov	MKV ASF	Divx 3.11 / 4 / 5 / 6	ł					ADPCM (IMA, MS)	

*.mov	MKV ASF	Divx 3.11 / 4 / 5 / 6				ADPCM (IMA, MS)
*.3gp *.vro *.mpg	MP4 3GP	MPEG4 SP/ ASP		MAX 30		AAC HE-AAC
*.mpeg *.ts	MOV FLV VRO	Window Media Video v9(VC1)	1920x1080	MAX 30	30	WMA DD+ MPEG(MP3)
*.tp *.trp *.mov *.flv *.vob	VOB PS TS	MPEG2				DTS (Core , LBR) G.711(A- Law, µ-Law)
*.svi *.divx		MPEG1				

*.webm WebM VP8 1920x1080 6~30 20 Vorbis

Image

Music

Photos

🔊 NOTE

JPEG

The picture is black and white.	If you are using an AV composite input, connect the video cable (yellow) to the Green jack of component input 1 on the TV.
When changing channels, the picture	 If connected to a cable box, please try to reset it. (Reconnect the AC cord and wait until the cable box reboots. It may take
freezes or is distorted or delayed.	 Set the output resolution of the cable box to 1080i or 720p.
Sound Problem	First of all, please perform the Sound Test to confirm that your TV audio is properly operating.
	(Go to MENU - Support - Self Diagnosis - Sound Test)
	If the audio is OK, the sound problem may caused by the source or signal.
There is no sound or the sound is too low at maximum volume.	Please check the volume of the device (Cable/Sat Box, DVD, Blu-ray, etc.) connected to your TV.
The picture is good but there is no sound.	• 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).
	Reboot the connected device by reconnecting the device's power cable.
The speakers are making an inappropriate	Check the cable connections. Make sure a video cable is not connected to an audio input.
noise.	• For Antenna or Cable connections, check the signal information. A weak signal may cause sound distortion.
	Perform the Sound Test as explained above.
No Picture, No Video	
The TV will not turn on.	 Make sure the AC power cord is securely plugged into the wall outlet and the TV.
	Make sure the wall outlet is working.
	 Try pressing the POWER button on the TV to make sure the problem is not the remote.
	If the TV turns on, refer to 'Remote control does not work' below.
The TV turns off automatically.	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.
	 Make sure the AC power cord is plugged in securely to the wall outlet and the TV.
	 When you are watching TV connected to an antenna or cable connection, the TV will turn off after 10 - 15 minutes if there is no signal.
There is no picture/video.	Check the cable connections. (Remove and reconnect all cables connected to the TV and external devices).
There is no picture/video.	 Check the cable connections. (Remove and reconnect all cables connected to the TV and external devices). Set your external device's (Cable/Sat 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.
	Be sure to select the TV's correct source by pressing the SOURCE button on the remote control.
	Reboot the connected device by reconnecting the device's power cable.
RF(Cable/Antenna) Connection	
The TV is not receiving all channels.	Make sure the coaxial cable is connected securely.
	Please try Auto Program to add available channels to the channel list.
	go to MENU - Channel - Auto Program then select Auto and make sure the correct Cable TV signal type is set in the
	menu. There are 3 options. (STD, HRC and IRC)
	Verify the antenna is positioned correctly.
No Caption on digital channels.	Check the Caption Setup menu. Try changing Caption Mode Service1 to CC1. Some channels may not have caption data.
The picture is distorted: macroblock, error,	Compression of video contents may cause picture distortion. Especially on fast moving pictures such as sports and action
small block, dots, pixelization.	movies.
	A weak signal can cause picture distortion. This is not a TV problem.
Others	
Purple/green rolling horizontal bars and buzzing noise from the TV speakers with Component cable connection.	Remove the left and right audio connections from the set-top-box. If the buzzing stops, this indicates that the set-top-box ha a grounding issue. Replace the Component video cables with an HDMI connection.
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) contents.
me proture 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) contents. Black bars on the Top & Bottom will be shown on movies that have aspect ratios different from your TV.
	 Adjust the picture size option on your external device or change the TV to full screen.
The remote control does not work.	Replace the remote control batteries with correct polarity (+/-).
THE TETHOLE CONTINUE GUES HOL WOLK.	 Replace the remote control batteries with correct polarity (+/-). Clean the transmission window located on the top of the remote control.
	 Try pointing the remote directly at the TV from 5~6 feet away.
The cable/set top box remote control does not turn the TV on or off, or adjust the volume.	Program the Cable/Set top box remote control to operate the TV. Refer to the Cable/Set top box user manual for the SAMSUNG TV code.
"Mode Not Supported" message	Check the supported resolution of the TV and adjust the external device's output resolution accordingly. Refer to resolution
ippears.	settings in this manual.
Caption on the TV menu is greyed out.	• You cannot select Caption in the TV menu when watching content from a device connected via HDMI or Component.
	Caption must be activated on the external device.
There is a plastic smell from the TV.	This smell is normal and will dissipate over time.



the screen.



License

DIVX



Open Source Announcement

MEDIA.F

Refer to this information when connecting external devices to the TV.

Other Restriction

 Codecs may not function properly if there is a problem with the content.
 CMYK and YCCK Color space JPEGs are not supported. Video content does not play or does not play correctly if there is an error in the content or container.

Sound or video may not work if they have standard bit rates/frame rates above the TV's compatibility ratings.

• If the Index Table is has an error, the Seek (Jump) function will not work. 2. Repeat the above operation to select multiple files. When playing video over a network connection, the video may not play Source smoothly because of data transmission speeds.
Some USB/digital camera devices may not be compatible with the TV. • While the TV is playing a video at the bit rate of 10 Mbps or higher, the

Video Decoder

Supports up to H.264, Level 4.1

H.264 FMO / ASO / RS, VC1 / AP L4 are not supported. GMC 2 or above is not supported.

Audio Decoder

menu screens may be displayed slowly.

WMA 10 Pro supports up to 5.1 channels. Supports up to the I profile. WMA lossless audio is not supported. QCELP and AMR NB/WB are not supported. Vorbis is supported for up to 2 channels.

Dolby Digital Plus is supported for up to 5.1 channels The DTS LBR codec is only available for MKV / MP4 /TS contained

Press the ◄/► buttons 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 3. Press the ENTER button or ▶ (Play) button.

During music playback, you can search using the </>> button Image: REW) and Image: REW and REW Only displays the files with MP3 file extensions. Other file extensions. are not displayed, even if they are saved on the same USB device Not the sound is abnormal when playing MP3 files, adjust the Equalizer in the Sound menu. (An over-modulated MP3 file may ause a sound problem

1. Press the ◄/► buttons 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

3. Press the ENTER 🕞 button or 🕨 (Play) button.

- While a photo list is displayed, press the F (Play) / ENTER button on the remote control to start the slide sho - All files in the file list section will be displayed in the slide show - During the slide show, files are displayed in order

During the slide show, you can adjust the slide show speed using
 ■ (REW) or ▶ (FF) button.

You can move to other file using the ◀/▶ buttons Supported Photo Formats

Photo	Resolution
Base-line	15360 x 8704
Prograssiva	1024 x 768

Other Restrictions

Playing Multiple Files

Playing selected video/music/photo files

1. Press the Yellow button in the file list to select the desired file.

- - To cancel a selection, press the Yellow button again.
- To deselect all selected files, press the TOOLS button and select Deselect All
- Press the TOOLS button, and then select Play Selected Contents. Plaving the video/music/photo file group
- 1. While a file list is displayed, move to any file in desired group. 2. Press the TOOLS button, and then select Play Folder

Media Play - Additional Functions

Videos/Music/Photos Play Option menus

When playing a fi	le, press the TOOLS button.			
Category	Operation	Videos	Music	Photos
Title	You can move the other file directly.	\checkmark		
Repeat Mode	You can play movie and music files repeatedly.	\checkmark	\checkmark	
Picture Size	You can adjust the picture size to your preference.	\checkmark		
Picture Mode	You can adjust the picture setting.	\checkmark		\checkmark
Sound Mode	You can adjust the sound setting.	\checkmark	\checkmark	\checkmark
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 Format	You can select the digital audio output format.	~		
Audio Language	You can change the audio language if the video has more than one language.	~		
Stop Slide Show / Start Slide Show	You can start or stop a Slide Show.			~
Slide Show Speed	You can select the slide show speed during the slide show.			~
Background Music	You can set and select background music when watching a Slide Show.			~
Zoom	You can zoom into images in full screen mode.			~
Rotate	You can rotate images in full screen mode.			~
Information	You can see detailed information about the played file.	\checkmark	\checkmark	~

Settings

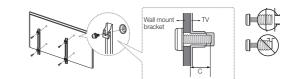
Using the Setup Menu DivX® Video On Demand: Shows the registration code authorized for the TV. If you connect to the DivX web site and register with

- 10-digit registration code, you can download the VOD activation file. Once you play it using Media Play, the registration is completed. For more information on DivX® VOD, visit "http://vod.divx.com"
- Information: Select to view information on the connected device.

Other Information

Installing the Wall Mount Kit The wall mount kit (sold separately) allows you to mount the TV on the

For detailed information on installing the wall mount, see the instructions provided with the wall mount items. Contact a technician for assistance when installing the wall mount bracket. Samsung Electronics is not responsible for any damage to the product or injury to yourself or others if you elect to install the wall mount on your own.

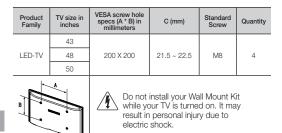


Wall Mount Kit Specifications (VESA)

The wall mount kit is not supplied, but sold separate Install your wall mount on a solid wall perpendicular to the floor. When attaching to other building materials, please contact your nearest deal lf you install the TV on a ceiling or slanted wall, it may fall and result in severe personal injury.

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

- below. • When purchasing our wall mount kit, a detailed installation manual
- and all parts necessary for assembly are provided · Do not use screws that do not comply with the VESA standard screw specifications.
- . Do not use screws that are longer than the standard dimension or do not comply with the VESA standard screw specifications Screws that are too long 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 Kensington Lock 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 wal



Securing the TV to the Wall

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

To prevent the TV from falling

- Since the necessary clamps, screws, and string are not supplied, please purchase these additionally. Drive the screws into the clamps and firmly fasten them onto the wall. Make sure the screws are firmly fixed into the wall.
- 2. Remove the screws from the back center of the TV, put the screws into the clamps, and then fasten the screws onto the TV again.
- 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. Verify all connections are properly secured. Periodically check the
- connections for any sign of fatigue or failure. If you have any doubt about the security of your connections, contact a profession Install the TV close to the wall so that it does not fall.
- 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.

Arranging the cables with the cable guide



The Kensington Lock is not supplied by Samsung. It is a device used to physically fix the system when using it in a public place. Refer to the manual provided with the Kensington Lock for additional information on proper use.

S Please find a "a" icon on the rear of the TV. The Kensington slot is beside the "R" icon The position and color may differ depending on the model.

Unit: inches

TV Signal Strength is unavailable in the Self Diagnosis Test menu.	This function is only available for digital channels from an Antenna / RF / Coax connection.
TV is tilted to the right or left side.	Remove the stand base from the TV and reassemble it.
The Channel menu is greyed out (unavailable).	The Channel menu is only available when you select the TV source.
Your settings are lost after 30 minutes or every time the TV is turned off.	If TV is in the Store Demo mode, it will reset audio and picture settings every 30 minutes. Please change from Store Demo mode to Home Use mode using the Plug & Play procedure. Press the SOURCE button to select TV mode, go to MENU \rightarrow Setup \rightarrow Plug & Play \rightarrow ENTER [\mathcal{G} .
You have intermittent loss of audio or video.	Check the cable connections and reconnect them. 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.
You see small particles when you look	This is part of the product's design and is not a defect.

POP (TV's internal banner ad) appears on Select Home Use under Plug & Play mode. For details, refer to Plug & Play (Initial Setup).

🕲 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. These pixels will have no impact on the performance of the produc

Watch these troubleshooting on video at www.samsung.com/spsn.
 Some functions and pictures shown in this manual are available on specific models only.

Su Sou can keep your TV as optimum condition to upgrade the latest firmware on web site (samsung.com → Support → Downloads) by USB.

🗞 If you attached some stickers on the TV screen, it remains some debris after removing the sticker. Please clean it to watch TV. 🔊 The exterior and screen of the product can get scratched during cleaning. Be sure to wipe the exterior and screen carefully using a soft cloth to

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



This DivX Certified® device has passed rigorous testing to ensure it plays DivX® video le in the DivX VOD section of your device setup menu DivX Certified® to play DivX® video up to HD 1080p, including premium content. DivX®, DivX Certified® and associated logos are trademarks of DivX, LLC and are used under license. Covered by one or more of the following U.S. patents: 7,295,673; 7,460,668; 7,515,710; 7,519,274. This device supports DivX Plus Streaming® for enjoying HD movies and TV shows with advanced features (multi-language subtitles, multiple audio tracks, chapters, smooth FF/RW, etc.) streamed to your device. 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 Reserved.
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To send inquiries and requests for questions regarding open sources, contact Samsung via Email (oss.request@samsung.com).

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Specifications mental Consideration 50°F to 104°F (10°C to 40°C) 10% to 80%, non-condensing -4°F to 113°F (-20°C to 45°C) 5% to 95%, non-condensing d diagonally) 2.8 inches 3 x 72.7 mm) 38 8 x 24 8 x 11 3 inches 43.2 x 27.4 x 12.2 inches 44.9 x 28.3 x 12.2 inches (985.5 x 631.7 x 288.0 mm) (1098.7 x 696.6 x 310.5 mm) 1140.8 x 719.8 x 310.5 mm) 16.5 lbs (7.5 kg) 20.9 lbs (9.5 kg) 23.1 lbs (10.5 kg) 2<u>5.3 lbs (11.5 kg)</u>

Model name UN43J5000 15.4 UN48J5000 17.6 8.3 UN50J5000 8.9

NOTE: All drawings are not necessarily to scale. Some dimensions are subject to change without prior notice. Refer to the dimensions prior to performing installation of your TV. Not responsible for typographical or printed errors. © 2015 Samsung Electronics America, Inc

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Design and specifications are subject to change without prior notice.

Operating Temperature Operating Humidity Storage Temperature Storage Humidity

0 ,					
Model Name	UN43J5000	UN48J5000	UN50J50		
Display Resolution		1920 x 1080			
Screen Size	43" Class	48" Class	50" Cla		
(Diagonal)	(42.5" measured diagonally)	(47.6" measured diagonally)	(49.5" measured		
Sound	20 W				
Output	(10 W x 2)				
Dimensions (W x H x D)					
Body	38.8 x 22.6 x 2.8 inches	43.2 x 25.1 x 2.9 inches	44.9 x 26.0 x 2		
	(985.5 x 574.9 x 72.0 mm)	(1098.7 x 638.7 x 73.9 mm)	(1140.8 x 662.3 ;		

With stand Weight

Without Stand 18.7 lbs (8.5 kg 23.1 lbs (10.5 kg) With Stand

The actual appearance of the TV may differ from the images in this manual, depending on the model.
Typical power consumption is measured according to Energy Star Program requirements for televisions.

■ JACK PANEL DETAIL / REAR VIEW