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

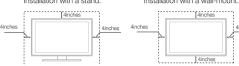
Still image warning

Avoid displaying still images (such as jpeg 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.
- Reduce brightness and contrast values to minimum required to achieve desired
- picture quality, exceeded values may speed up the burnout process.

Securing the Installation Space

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



Contact SAMSUNG WORLD WIDE

If you have any guestions or comments relating to Samsung products, please contact the SAMSUNG customer care center.

Country	Customer Care Center 2	Web Site
MEXICO	01-800-SAMSUNG (726-7864)	www.samsung.com/mx/support
	Dirección: General Mariano Esco Anzures Delegación Miguel Hidal	
ARGENTINE	0800-555-SAMS(7267)	www.samsung.com.ar
URUGUAY	0800-SAMS(7267)	www.samsung.com.ar
PARAGUAY	0800-11-SAMS(7267)	www.samsung.com.ar
BRAZIL	0800-124-421 (Demais cidades e regiões) 4004-0000 (Capitais e grandes centros)	www.samsung.com/br/support
CHILE	800-SAMSUNG(726-7864)	www.samsung.com/cl/support
BOLIVIA	800-10-7260	www.samsung.com/cl/support
COLOMBIA	Bogotá en el 600 12 72 Sin costo en todo el pais 01 8000 112 112 Y desde tu celular #726	www.samsung.com/co
COSTA RICA	00-800-1-SAMSUNG (726-7864)	www.samsung.com/latin/support (Spanish) www.samsung.com/latin_en/support (English
DOMINICAN REPUBLIC	1-800-751-2676	www.samsung.com/latin/support (Spanish) www.samsung.com/latin_en/support (English
ECUADOR	1-800-SAMSUNG (72-6786)	www.samsung.com/latin/support (Spanish) www.samsung.com/latin_en/support (English
EL SALVADOR	8000-SAMSUNG (726-7864)	www.samsung.com/latin/support (Spanish) www.samsung.com/latin_en/support (English
GUATEMALA	1-800-299-0033	www.samsung.com/latin/support (Spanish) www.samsung.com/latin_en/support (English
HONDURAS	800-2791-9111	www.samsung.com/latin/support (Spanish) www.samsung.com/latin_en/support (English
JAMAICA	1-800-SAMSUNG (726-7864)	www.samsung.com/latin_en/support (English
NICARAGUA	001-800-5077267	www.samsung.com/latin/support (Spanish) www.samsung.com/latin_en/support (English
PANAMA	800-0101	www.samsung.com/latin/support (Spanish) www.samsung.com/latin_en/support (English
PERU	0800-777-08	www.samsung.com/pe/support
PUERTO RICO	1-800-682-3180	www.samsung.com/latin/support (Spanish) www.samsung.com/latin_en/support (English
TRINIDAD & TOBAGO	1-800-SAMSUNG (726-7864)	www.samsung.com/latin/support (Spanish) www.samsung.com/latin_en/support (English
VENEZUELA	0-800-SAMSUNG (726-7864)	www.samsung.com/ve/support

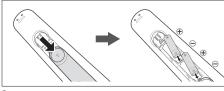
- (Sólo Mexico) IMPORTADO POR : SAMSUNG ELECTRONICS MÉXICO S.A. DE C.V.
- GENERAL MARIANO ESCOBEDO 476 PISO 8
 COL. ANZURES, DELEGACIÓN MIGUEL HIDALGO MÉXICO, DISTRITO
- TEL: 01 (55) 5747-5100 / 01 800 726 7864

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Remote Control Displays and selects the available video 1 2 3 4 .5 6 Press to directly access to channels. -7 8 9 Press to select additional channels (digital) being O PRE-CH Returns to the previous channel. Cuts off the sound temporarily Adjusts the volume. -Displays the channel list on the screen. Displays the main on-screen menu. Displays information on the TV screen Selects the on-screen menu items and changes the . RETURN EXIT Exit the menu. A B C D Use these buttons according to the direction. E-MANUAL: Not available. _ (: Turns the Sports Mode on or off. SAMSUNG

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

Mode	Resolution	Horizontal Frequency (KHz)	Vertical Frequency (Hz)	Pixel Clock Frequency (MHz)	Sync Polarity (H / V)	1366 x 76
IBM	720 x 400	31,469	70,087	28,322	-/+	~
	640 x 480	35,000	66,667	30,240	-/-	~
MAC	832 x 624	49,726	74,551	57,284	-/-	~
	1152 x 870	68,681	75,062	100,000	-/-	
	640 x 480	31,469	59,940	25,175	-/-	~
	640 x 480	37,861	72,809	31,500	-/-	~
	640 x 480	37,500	75,000	31,500	-/-	~
	800 x 600	37,879	60,317	40,000	+/+	~
	800 x 600	48,077	72,188	50,000	+/+	~
	800 x 600	46,875	75,000	49,500	+/+	~
	1024 x 768	48,363	60,004	65,000	-/-	✓
	1024 x 768	56,476	70,069	75,000	-/-	✓
	1024 x 768	60,023	75,029	78,750	+/+	✓
VESA DMT	1152 x 864	67,500	75,000	108,000	+/+	
	1280 x 720	45,000	60,000	74,250	+/+	✓
	1280 x 800	49,702	59,810	83,500	-/+	
	1280 x 1024	63,981	60,020	108,000	+/+	
	1280 x 1024	79,976	75,025	135,000	+/+	
	1366 x 768	47,712	59,790	85,500	+/+	✓
	1440 x 900	55,935	59,887	106,500	-/+	
	1600 x 900RB	60,000	60,000	108,000	+/+	
	1680 x 1050	65,290	59,954	146,250	-/+	



NOTE

Bright light may affect the performance of the remote control. Avoid use when nearby fluorescent lights or neon signs. . The Color and shape may vary depending on the model

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 indicates 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 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
- 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
- Accumulated dust can cause an electric shock, an electric leakage, or a fire by causing the power cord to generate sparks and heat,
- Be sure to contact an authorized service center, 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 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. Make sure to rest the AC/DC Adapter flat on a table or the floor. If you place the AC/DC Adapter so that it is hanging with the AC cord input facing upwards, water or other foreign substances could enter the Adapter and cause the Adapter to malfunction.
- WARNING TO PREVENT THE SPREAD OF FIRE, KEEP CANDLES OR OTHER OPEN FLAMES AWAY FROM THIS PRODUCT AT ALL

Clear Scrambled Channel

Channel List Option Menu

® Channel List → TOOLS 5

Viewing directly.

channel name.

Programmed

Channel List

This function filters out scrambled channels after Auto Program is

■ Add / Delete: Delete or add a channel to display the channels you

All deleted channels will be shown on the All Channels menu

■ Add to Favorite / Delete from Favorite TOOLS : Set channels you

■ Timer Viewing: You can set a desired channel to be displayed automatically at the set time; even when you are watching another

nannel Name Edit: (analog channels only) Assign your or

Nou can only select **Deselect All** when one or more channels

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

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

Delete a channel from the Added Channels or Favorite menu in

Reserved programs will be displayed in the Programmed menu.

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

button to view the digital program. If you select the ENTER (Schedule) button on the next program, you can set Timer

Press the ENTER button to stop the Clear Scrambled

completed. This process may take up to 20~30 minutes

This function is only available in Cable mode

ns may differ depending on the channel status.

The Add menu only appears for deleted channels.

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.

☐ Other Features

☐ Seeing Channels

Channel Menu

Channel List

Add, delete or set Favorite channels and use the program guide for digital broadcasts. Select a channel in the All Channels, Added Channels, Favorite or Programmed screen by pressing the ▲/▼ buttons, and pressing the ENTER → button. Then you can watch the

- M. 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 🗸 mark appears to the left of • 🛱 (Tools): Displays the Channel List option menu. (The Options menus may differ depending on the situation.)

Channel Status Display icons

- ✓: A channel selected • • : A channel set as a Favorite.
- C : A reserved program. : A program currently being broadcast.

■ Memorizing channels Antenna (Switch to Cable / Switch to Air TOOLS 71)

must specify the type of signal source that is connected to the TV (i.e.

Auto Program

- 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. After all the available channels are stored, it starts to remove scrambled channels. The Auto Program menu then reappears.
- Press the ENTER button to stop the channel store during Auto

How to Stop Auto Programming

- 1. Press the ENTER → button
- 2. A message will ask Stop Auto Program?. Select Yes by pressing
- 3. Press the ENTER button.

Channel List → Programmed → TOOLS

- You can view, modify or delete a show you have reserved to watch. ■ 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
- also change the reservation Information.) ■ Select All / Deselect All: You can select or deselect all channels in

Channel Mode Change the channel mode directly between Added Channels and

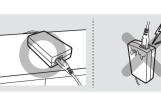
Favorite Channels. The Favorite Channels is enabled only when you set Add to

Getting Started

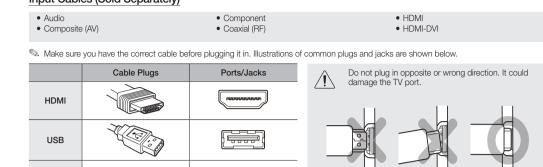
Owner's Instructions

Accessories

- Remote Control & Batteries (AAA x 2)
- Warranty Card / Regulatory Guide
- Wall Mount Adapter (4EA)



Input Cables (Sold Separately)

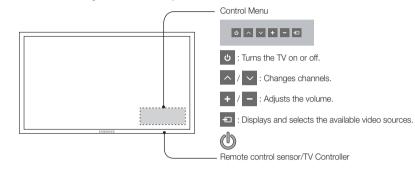


TV Controller

Optical

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

Do not plug cables in upside down. Be sure to check the orientation of the plug before plugging it in.



- 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 he 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')

Fine Tune

(analog channels only)

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 signa 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.
- To reset the fine-tuning, select Reset.

Picture Menu

- Mode Tools, ☐ Set each channel using the **Channel List** menu options. Option menu
 - Select vour preferred picture type. When connecting a PC, you can only select Entertain and
 - Standard. ■ 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.

Backlight / Contrast / Brightness / Sharpness /

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

Picture Options

- When connecting a PC, you can only make changes to the Color
- Size: Your cable box/satellite receiver may have its own set of screen
 Reset: Resets the equalizer to its default settings.
- most of the time. The menu is deactivated, when the H. 264 (1080p) DTV is being
- Zoom2: Use for a stronger magnification. Wide Fit: Enlarges the aspect ratio of the picture to fit the entire
- Do not watch in 4:3 format for a long time. Traces of borders
- are inputted. HD (High Definition): 16:9 - 1080i/1080p (1920x1080), 720p

ATV, AV, Component (480i, 480p) 16:9, Zoom1, Zoom2, 4:3

DTV (1080i), Component (1080i, 1080p), HDMI (720p, 1080i, 1080p) | 16:9, Wide Fit, 4:3, Screen Fit

have connected to an input on the TV.

Picture Sizes available by Input Source:

Input Source

- static and ghosting that may appear on the screen. When the signal is weak, try other options until the best picture
- Available only in **HDMI** mode (RGB signals). ■ Film Mode: Sets the TV to automatically sense and process film
- and HDMI (480i / 1080i). ■ Motion Lighting (Off / On): Reduce power consumption by

Resets your current picture mode to its default settings.

selected mode to the default settings.

Only available when connecting a PC.

Color / Tint (G/R)

- Tone, Size, and HDMI Black Level. ■ Color Tone: Cool makes the picture bluer (cooler). Warm make the
- sizes as well. However, we highly recommend you use 16:9 mode
- 16:9: Sets the picture to 16:9 wide mode. **Zoom1**: Use for moderate magnification.
- 4:3: Sets the picture to basic (4:3) mode.
- 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
- Settings can be adjusted and stored for each external device you

- Digital Clean View: If the broadcast signal received by your TV is weak, you can activate the Digital Clean View feature to reduce any
- HDMI Black Level: Selects the black level on the screen to adjust the
- signals from all sources and adjusts the picture for optimum quality. Available in ATV, DTV(interlace), AV, COMPONENT (480i / 1080i)

Available in Standard mode only.

- Picture Reset
- Reset Picture Mode: Returns all picture values in the currently

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 frequencies

DTS TruSurround (standard sound mode only) DTS TruSurround is a patented DTS technology that solves the problem of playing 5.1 multichannel content over two speakers. TruSurround 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.

broadcasted.

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). You can only select a language from among the ones being

an HDMI cable.

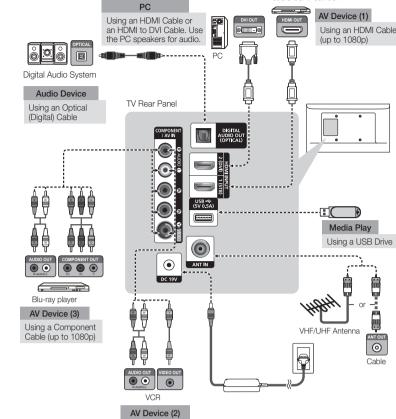
For the best picture and audio quality, connect digital devices using

may not display or a connection error may occur.

• PC/DVI AUDIO IN input is not supported.

- For an HDMI to DVI cable connection, you must use the HDMI IN 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
 - (DVI) port.
 Connecting through the HDMI cable may not be supported.
 - depending on the PC
- 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
 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 Blu-ray player / DVD / cable box / sat box



Changing the Input Source

Source List

ray player / cable box / STB satellite receiver.

are having difficulty receiving a stereo signal.

sound output when the modulation signal is low.

usually a foreign-language translation.

■ Stereo: Choose for channels that are broadcasting in stereo.

■ SAP: Choose to listen to the Separate Audio Program, which is

Depending on the program being broadcast, you can listen to Mono, Stereo or SAP.

The SPDIF (Sony Philips Digital InterFace) outputs an uncompres

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)

digital audio signal when you connect the digital audio jack on the back

format. The available Digital Audio output (SPDIF) format may differ depending on the input source.

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 🖃

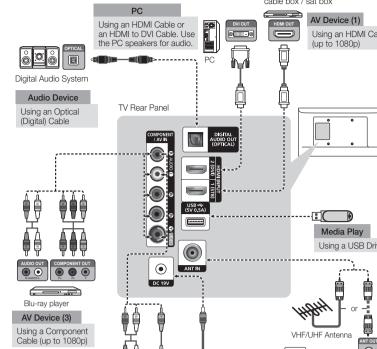
and MUTE buttons will not operate and the sound settings will

Adds verbal description to the main audio to help the visually impaired.

■ Reset All: Resets all sound settings to the factory defaults.

2. Select a desired external input source ■ TV / AV / Component / HDMI1 / HDMI2/DVI 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 You can only choose external devices that are connected to the TV.

AV Device (1)
Using an HDMI Using an HDMI Cable



How to use Edit 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

Using Audio/Video Cables

Multi-Track Sound

(analog channels only)

Auto Volume

SPDIF Output

when done (0ms ~ 250ms).

Speaker Select

be limited.

Visual Impaired

(digital channels only)

Sound Reset

Dolby Digital Comp

speakers will be mute.

Set Dolby Digital compression mode.

Use to select TV or an external input source such as a DVD player / Blu-1. Press the SOURCE button.

In the Source List, connected inputs will be highlighted.

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

device connected to the input jacks to make your input source selection

When connecting a PC to the HDMLIN 2(DVI) port with HDML cable

You can see detailed information about the connected external device

you should set the TV to PC mode under Edit Name.

Name. Information

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

Language Set the menu language

Choose between English, Español, and Français.

Setting the Time The current time will appear every time you press the INFO button.

Because each broadcasting station has its own signal conditions, the ■ Clock: Setting the clock is for using various timer features of the TV. volume may fluctuate each time channel is changed. This feature lets you automatically adjust the volume of the desired channel by lowering If you disconnect the power cord, you have to set the clock again.
Clock Mode: Set the current time manually or automatically. the sound output when the modulation signal is high or by raising the Clock Set: Set the Month, Day, Year, Hour, Minute and am/pm.

Available only when Clock Mode is set to Manual. Time Zone: Select your time zone. DST: (Daylight Saving Time) Switches the DST (Daylight Saving Time) function on or off.

ST and Time Zone function is only available when the Clock

Mode is set to Auto. ■ Sleep Timer TOOLS, Automatically shuts off the TV after a preset period of time. (30, 60,

90, 120, 150 and 180 minutes)

connected to your TV.)

■ Audio Delay: Lets you correct timing mismatches between the audio track and the video when you are watching the TV and listening to To cancel the Sleep Timer, select Off. Timer 1 / Timer 2 / Timer 3 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 / If you are listening to the sound track of a broadcast or movie through an external receiver, you may hear a sound echo caused by the difference in decoding speed between the TV's speakers and the speakers attached

In this case the floor, finitials, anythin and Activate?

In activate. (To activate the timer with the setting you have chosen, set to Activate.)

Volume: Set the desired volume level.

your audio receiver. If this occurs, set the TV to External Speaker ■ Contents: When the On Time is activated, you can turn on a specific channel or play back contents such as photo or audio files. When you set Speaker Select to External Speaker, the TV's speakers are turned off. You will hear sound through the extern speakers only. When you set **Speaker Select** to **TV Speaker** - TV/USB: Select TV or USB. (Make sure that an USB device is

both the TV's speakers and the external speakers are on. You will Antenna: Displays the current antenna source. Channel: Select the desired channel. When Speaker Select is set to External Speaker, the VOLUME Music/Photo: Select the folder containing MP3/JPEG files on the

The maximum displayed number of files, including sub folders, in If there is no video signal, both the TV's speakers and the external one folder of USB storage device is 2000. The media may not be playing smoothly when using the device

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

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

USB device.

Game Mode When connecting to a game console such as PlayStation™ or Xbox™,

you can enjoy a more realistic gaming experience by selecting the game Precautions and limitations for game mode • 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.

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If you use parts provided by another manufacturer, it may result in a problem

Always try to display any image on full screen, use TV set picture format menu for best possible match.

Frequently use all TV features designed to reduce image retention and screen burnout, refer to proper user manual section for details.

- Failing to do so may result in fire or a problem with the product due to an increase in the internal temperature of the product. When using a stand or wall-mount, use parts provided by Samsung Electronics
- The appearance may differ depending on the product.

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

with the product or an injury due to the product falling.









4 series:1366 x 768@60Hz

1920 x 1080 67,500 60,000 148,500 +/+

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Display Modes (HDMI/DVI Input) Installing batteries (Battery size: AAA)

. Use the remote control within 23 feet from TV.

Program Rating Lock

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

Program Rating Lock is not available in HDMI or Component

The default PIN number of a new TV set is "0-0-0-0". ■ Program Rating Lock: You can block rated TV Programs.

- TV Parental Guidelines: You can block TV programs depending on their rating. This function allows you to control what your children are ■ 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
- Canadian French: You can block TV programs depending on their
- Downloadable U.S. Rating: Parental restriction information can be
- 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 in Confirm New PIN. When the Change PIN screen disappears, press time defined by the user, the screen saver is activated to prevent the same 4 digits. 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 "0-0-0-0": POWER (off) \rightarrow MUTE \rightarrow 8 \rightarrow 2 \rightarrow 4 \rightarrow POWER (on)

Caption

- (On-Screen Text Messages)
- Caption: You can switch the caption function on or off. If captions are not available, they will not be displayed on the screen. The Caption feature does not work in Component or HDMI
- Caption Mode: You can select the desired caption mode Default / CC1~CC4 / Text1~Text4: (analog channels only) The Analog Caption function operates in either analog TV channel mode or when a signal is supplied from an external device to the TV. (Depending on the broadcasting signal, the Analog Caption function may or may not work with digital channels.) Default / Service1~Service6 / CC1~CC4 / Text1~Text4: (digital
- channels only) The Digital Captions function works with digital Service1~6 may not be available in digital caption mode
- Digital Caption Options: (digital channels only)
- Size: Options include Default, Small, Standard and Large. The default
- 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. You can change the color of the letter. The default is White.

Troubleshooting

- Background Color: Options include Default, White, Black, Red, Green, Blue, Yellow, Magenta and Cyan. You can change the background color of the caption. The default is Black. Foreground Opacity: This adjusts the opacity of text. Options include
- Background Opacity: This adjusts the opacity of the caption background. Options include Default, Transparent, Translucent, Solid and Flashing.

Default, Transparent, Translucent, Solid and Flashing.

Return to Default: This option sets each Size. Font Style. Foreground Color, Background Color, Foreground Opacity and Background Opacity to its default.

Digital Caption Options are available only when Default and Service1~Service6 can be selected in Caption Mode. The Foreground and Background cannot be set to have the same

Boot Logo

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

- Energy Saving: This adjust the brightness of the TV in order to reduce power consumption. If you select **Picture Off**, the screen is turned off, but the sound remains on. Press any button except volume button to turn on the screen.
- No Signal Power Off: Sets how quickly the TV switches to standby ode, if no picture is being received Disabled when the PC is in power saving mode.
- Auto Power Off: The TV will be automatically turned off when no user

Auto Protection Time

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

Support Menu

Self Diagnosis

- Picture Test: Use to check for picture problems. If the problem continues to occur, check the color pattern ■ 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.
- The PIN input screen appears before the setup screen Enter your 4-digit PIN. Change the PIN using the Change PIN

Software Upgrade

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

Use Mode

- You can turn the TV into a display model for retail environments by 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**

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

Contact Samsung

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

Application 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

 1. Press the ◀/▶ buttons to select Videos, then press the ENTER ☑

Using the Media Play Menu

1. 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
- 3. Press the ◀ or ▶ button to select an icon (Videos, Music, Photos,
- Settings), then press the ENTER 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 responsible 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 "Not 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.

A "Mode Not Supported" message

There is a plastic smell from the TV.

- 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
- If the 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

• If a file you deleted from the PC is still found when you run Media

- Play, use the "Empty the Recycle Bin" function on the PC to permanently delete the file.
- Photos only supports sequential jpeg format. The scene search and thumbnail functions are not supported in
- the Videos • If the number of files and folders saved on a USB storage device is approximately over 4000, the files and folders may not appear and some folders may not be opened.
- The maximum displayed number of files, including sub folders, in one folder of USB storage device is 2000. • The media may not be playing smoothly when using the device

- 3. When USB is connected to the TV, you can select Media Play (USB) 2. Press the ◄/►/▲/▼ buttons to select the desired video in the file

- button in the Media Play menu.
- 3. Press the ENTER → button or ► (Play) button. The selected file is displayed on the top with its playing time

- If video time information is unknown, playing time and the progress

- oar are not displayed. During video playback, you can search using the ◄/▶ buttons. In this mode, you can play movie clips contained in a game, but you
- cannot play the game itself. Supported Subtitle Formats

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

Name	Container	Format
Xsub	AVI	Picture Format
SubStation Alpha	MKV	Text Format
Advanced SubStation Alpha	MKV	Text Format
SubRip	MKV	Text Format
MPEG-4 Timed text	MP4	Text Format
oported Video Formats		

Supported video Formats						
File Extension	Container	Video Codec	Resolution	Frame rate(fps)	Bit rate (Mbps)	Audio Codec
		Motion JPEG	640x480		8	
*.avi *.mkv		H.264 BP/ MP/HP				
*.asf *.wmv	AVI MKV ASF MP4 3GP MOV FLV VRO VOB PS TS	H. 264 BP / MP / HP	7/4 //4 sp// v v deo)	MAX 30	30	AC3 LPCM
*.mp4 *.mov		Divx 3.11 / 4 / 5 / 6				ADPCM (IMA, MS) AAC HE-AAC WMA DD+ MPEG(MP3) DTS (Core , LBR) G.711(A- Law, µ-Law)
*.3gp *.vro *.mpg		MPEG4 SP/ ASP				
*.mpeg *.ts		FLV Media Video				
*.tp *.trp *.mov *.flv *.vob		MPEG2				
*.svi *.divx		MPEG1				
*.webm	WebM	VP8	1920x1080	6~30	20	Vorbis

- 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 rror in the content or containe
- Sound or video may not work if they have standard bit rates/frame
- When playing video over a network connection, the video may not play NOTE
- 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

- H.264 FMO / ASO / RS, VC1 / AP L4 are not supported.

- Supports up to H.264, Level 4.1
- GMC 2 or above is not supported.

Audio Decoder

- WMA 10 Pro supports up to 5.1 channels. Supports up to the M2 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 containers.

- 1. 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 ◄/► buttons.
 록 (REW) and ► (FF) buttons do not function during play.
- Only displays the files with MP3 file extensions. Other file extensions are not displayed, even if they are saved on the same USB device. If the sound is abnormal when playing MP3 files, adjust the Equalizer in the Sound menu. (An over-modulated MP3 file may
- cause a sound problem.)

Photos 1. Press the ◀/▶ buttons to select Photos, then press the ENTER ☐

- 2. Press the ◀/▶/▲/▼ buttons to select the desired photo in the file
- 3. Press the ENTER → button or ► (Play) button.
- NOTF - While a photo list is displayed, press the ▶ (Play) / ENTER ♣
- button on the remote control to start the slide show - All files in the file list section will be displayed in the slide show.
- During the slide show, files are displayed in order. - During the slide show, you can adjust the slide show speed using
- You can move to other file using the
- Supported Photo Formats

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

Other Restrictions

Playing Multiple Files ■ Playing selected video/music/photo files

- rates above the TV's compatibility ratings.

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

 Repeat the above operation to select multiple files. When the Sports Mode is On, the picture and sound modes are set Press the Yellow button in the file list to select the desired file.
 - The \checkmark mark appears to the left of the selected files.

 - To cancel a selection, press the Yellow button again To deselect all selected files, press the TOOLS button and select

 - Deselect All
 - Press the TOOLS button, and then select Play Selected Contents.
 - Playing 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 file, press the TOOLS button.

Category	Category Operation		Music	Photos
Title	You can move the other file directly.	~		
Repeat Mode	You can play movie and music files repeatedly.	~	~	
Picture Size	You can adjust the picture size to your preference.	~		
Picture Mode	You can adjust the picture setting.	✓		✓
Sound Mode	You can adjust the sound setting.	✓	✓	✓
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.			✓
	You can rotate images in full			

☐ Using the Sports Mode

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

responsible for any damage to the product or injury to yourself or others

provided with the wall mount items. Contact a technician for assistance when installing the wall mount bracket. Samsung Electronics is not

Sports Mode This mode provides optimised condition for watching sports games.

Other Information

Installing the Wall Mount Kit

Wall Mount Kit Specifications (VESA)

not liable for these kinds of accidents.

ails to follow the product installation instructions

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

Product TV size in VESA screw hole specs Family inches (A * B) in millimeters C (mm) Standard Screw Que

200 X 200

Always have two people mount the TV on a wall

re personal injury.

screw specifications.

NOTE

LED-TV

The wall mount kit is not supplied, but sold separately

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

attaching to other building materials, please contact your nearest deale

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

and all parts necessary for assembly are provided.

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

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

For wall mounts that do not comply with the VESA standard screw specifications, the length of the screws may differ depending on the wall mount specifications.

Do not fasten the screws too firmly. This may damage the product or cause the product to fall, leading to personal injury. Samsung is

Samsung is not liable for product damage or personal injury when

a non-VESA or non-specified wall mount is used or the consume

When purchasing our wall mount kit, a detailed installation manual

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

as follows. prevent the TV from falling

Since the necessary clamps, screws, and string are not supplied, please purchase these additionally.

Securing the TV to the Wall

Drive the screws into the clamps and firmly fasten them onto the wall.

Make sure the screws are firmly fixed into the wall.

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

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 professional Install the TV close to the wall so that it does not fall.

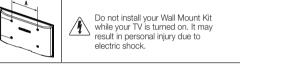
It is safe to connect the string so that the clamps fixed on the wall

are equal to or lower than the clamps fixed on the TV. Until the string before moving the TV.

Kensington Lock The Kensington Lock is not supplied by Samsung. It is a device used

- to physically fix the system when using it in a public place. Refer to the manual provided with the Kensington Lock for additional information on
- Please find a "a" icon on the rear of the TV. The Kensington slot is beside the "鼠" icon.

The position and color may differ depending on the model.



31,3 ~ 32,3

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 /	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
Screen Color	the TV to make sure there are no device issues.
	Self Diagnosis : MENU → Support → Self Diagnosis → 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 A' 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, an Y, to connect your TV and video source, make sure you have connected the blue Pb jack on the video source to the blue P 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 → Setup → Time → 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 (hig definition) picture quality.
	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)
	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.

Change the cable/satellite box resolution.

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	.•
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 freezes or is distorted or delayed.	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 up to 20 minutes) 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 noise.	Check the cable connections. Make sure a video cable is not connected to an audio input. 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). 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	y see a see
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, 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.
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 has 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. 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 (+/-). 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.

Check the supported resolution of the TV and adjust the external device's output resolution accordingly. Refer to resolution

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.

This smell is normal and will dissipate over time.

TV Signal Strength is unavailable in the Self | This function is only available for digital channels from an Antenna / RF / Coax connection Remove the stand base from the TV and reassemble it. TV is tilted to the right or left side. The Channel menu is greyed out The Channel menu is only available when you select the TV source 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 — Your settings are lost after 30 minutes or Setup → Plug & Play → ENTER . 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. This is part of the product's design and is not a defect 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 product Some functions and pictures shown in this manual are available on specific models only. Solution Support S Storage and Maintenance 🖎 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 prevent scratches. Clean the product with a soft cloth Do not spray water directly onto the dampened with in a small amount of water.
Do not use a flammable liquid (e.g. benzene, product. Any liquid that goes into the product may cause a failure, fire, or electric thinners) or a cleaning agent. License This DivX Certified® device has passed rigorous testing to ensure it plays DivX® video. To play purchased DivX movies, first register your device at vod.divx.com. Find your registration code in the DivX VOD DIVX. DivX Certified® to play DivX® video up to HD 1080p, including premium content.

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language subtitles, multiple audio tracks, chapters, smooth FF/RW, etc.) streamed to your device.



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Specifications Environmental Consideration: 50°F to 104°F (10°C to 40°C) Operating Temperature 10% to 80%, non-condensing Operating Humidity Storage Temperature -4°F to 113°F (-20°C to 45°C) Storage Humidity 5% to 95%, non-condensing Model Name UN32J4000 / UN32J4050 Display Resolution 1366 x 768 Screen Size 32" Class (Diagonal) (31,5" measured diagonally Sound Output Dimensions (W x H x D) 29.3 x 17.4 x 2.7 inches (745,4 x 442,2 x 69,0 mm) With stand 29,3 x 18,2 x 5,9 inches (745,4 x 463,1 x 150,5 mm Weiaht Without Stand 8,1 lbs (3,7 kg) With Stand 8,3 lbs (3,8 kg) Power Requirements (Mexico Only) DC 19V Power Consumption (Mexico Only)

Sor information about your TV's power requirements and more about power consumption, refer to the label attached to the product.

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Design and specifications are subject to change without prior notice. 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.