

460/465

LED TV

Installation manual

imagine the possibilities

Thank you for purchasing this Samsung product.
To receive more complete service, please
register your product at

www.samsung.com/register

Model _____ Serial No. _____



Figures and illustrations in this User Manual are provided for reference only and may differ from actual product appearance. Product design and specifications may be changed without notice.

Instruction

This TV is provided with interactive functionality through a set-back box (SBB/STB) connected to the TV, and with other TVs in a computer controlled system for hotels and other hospitality businesses.

Interactive: When the TV is powered-up initially, it sends a command to identify the SBB/STB. If identified, the TV switches to ONLINE mode and full control is through the SBB/STB.

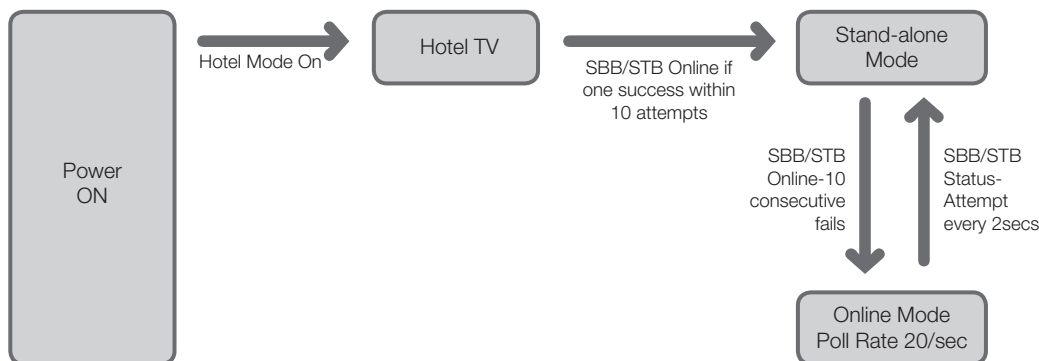
If the TV is in ONLINE mode, it stops receiving IR (Samsung remote) commands and acts according to the interface protocol.

Stand-Alone: If SBB/STB is not identified, the TV should be switched to STAND-ALONE mode with restricted operations.

Operational Modes

When this TV (in Hotel mode) is operated with a SBB/STB, it is in one of two states:

- ONLINE or STAND-ALONE. In the STAND-ALONE state, the TV will act as a Hotel TV, but without active communication. This prevents guests from trying to cheat the system by disconnecting the SBB/STB.



To set the details for Stand-alone or interactive mode, refer to pages 19-24 (Setting the hotel option data : Stand-alone mode and Interactive mode)

- Some operations may be restricted to prevent guests from "cheating" the TV system.
- No main menu (Interactive mode) or Channel Menu, Plug & Play in Main Menu (Stand-Alone mode)
- Limited Volume and Panel key lock or unlock

Still image warning

Avoid displaying still images (like jpeg picture files) or still image elements (like TV Programme such as TV Programme logos, the panorama or 4:3 image format, stock or news bars at the bottom of the screen etc.) on the screen. Constantly displaying still pictures can cause uneven wear of the screen phosphor, which will affect the image quality. To reduce risk of this effect, please follow the recommendations below:

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

Securing the Installation Space

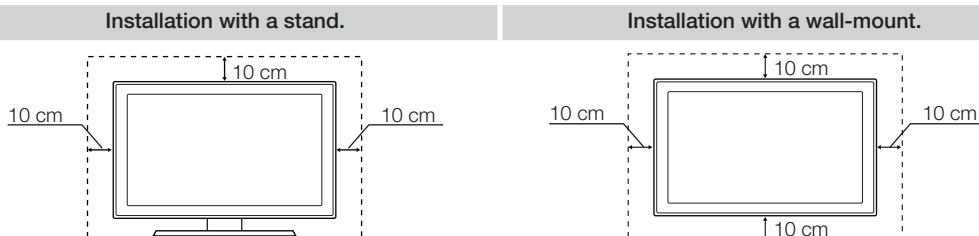
Keep the required distances between the product and other objects (e.g. walls) to ensure proper ventilation.

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

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

- If you use parts provided by other manufacturers, it may result in a problem with the product or an injury due to the product falling.

The appearance may differ depending on the product.



Contents

• Instruction	2
• Operational Modes	2
• Still image warning.....	2
• Securing the Installation Space.....	2
• Accessories.....	4
• Installing the LED TV Stand.....	4
• Using the TV's Controller	10
• Viewing the Remote Control	11
• Connecting the MediaHub HD	13
• Connecting the RJP (Remote Jack Pack)	14
• Setting the Hotel Option Data	16
• Installing the Wall Mount	41
• Securing the TV to the Wall.....	42
• Anti-theft Kensington Lock	42
• Specifications	43

	Correct Disposal of This Product (Waste Electrical & Electronic Equipment) (Applicable in the European Union and other European countries with separate collection systems) This marking on the product, accessories or literature indicates that the product and its electronic accessories (e.g. charger, headset, USB cable) should not be disposed of with other household waste at the end of their working life. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate these items from other types of waste and recycle them responsibly to promote the sustainable reuse of material resources. Household users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take these items for environmentally safe recycling. Business users should contact their supplier and check the terms and conditions of the purchase contract. This product and its electronic accessories should not be mixed with other commercial wastes for disposal.
	Correct disposal of batteries in this product (Applicable in the European Union and other European countries with separate battery return systems.) This marking on the battery, manual or packaging indicates that the batteries in this product should not be disposed of with other household waste at the end of their working life. Where marked, the chemical symbols Hg, Cd or Pb indicate that the battery contains mercury, cadmium or lead above the reference levels in EC Directive 2006/66. If batteries are not properly disposed of, these substances can cause harm to human health or the environment. To protect natural resources and to promote material reuse, please separate batteries from other types of waste and recycle them through your local, free battery return system.

Accessories

- Please make sure the following items are included with your LED TV. If any items are missing, contact your dealer.
- The items' colours and shapes may vary depending on the model.

- Remote Control & Batteries (AAA x 2)
- Power Cord
- Safety Guide (Not available in some locations)
- Quick Setup Guide
- Guide Stand
- Screws
- Stand

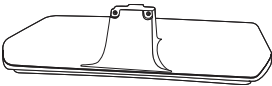
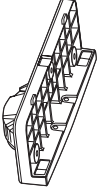
- The stand and stand screws may not be included depending on the model.
- The Data Cable may not be included depending on the SI Vendor.

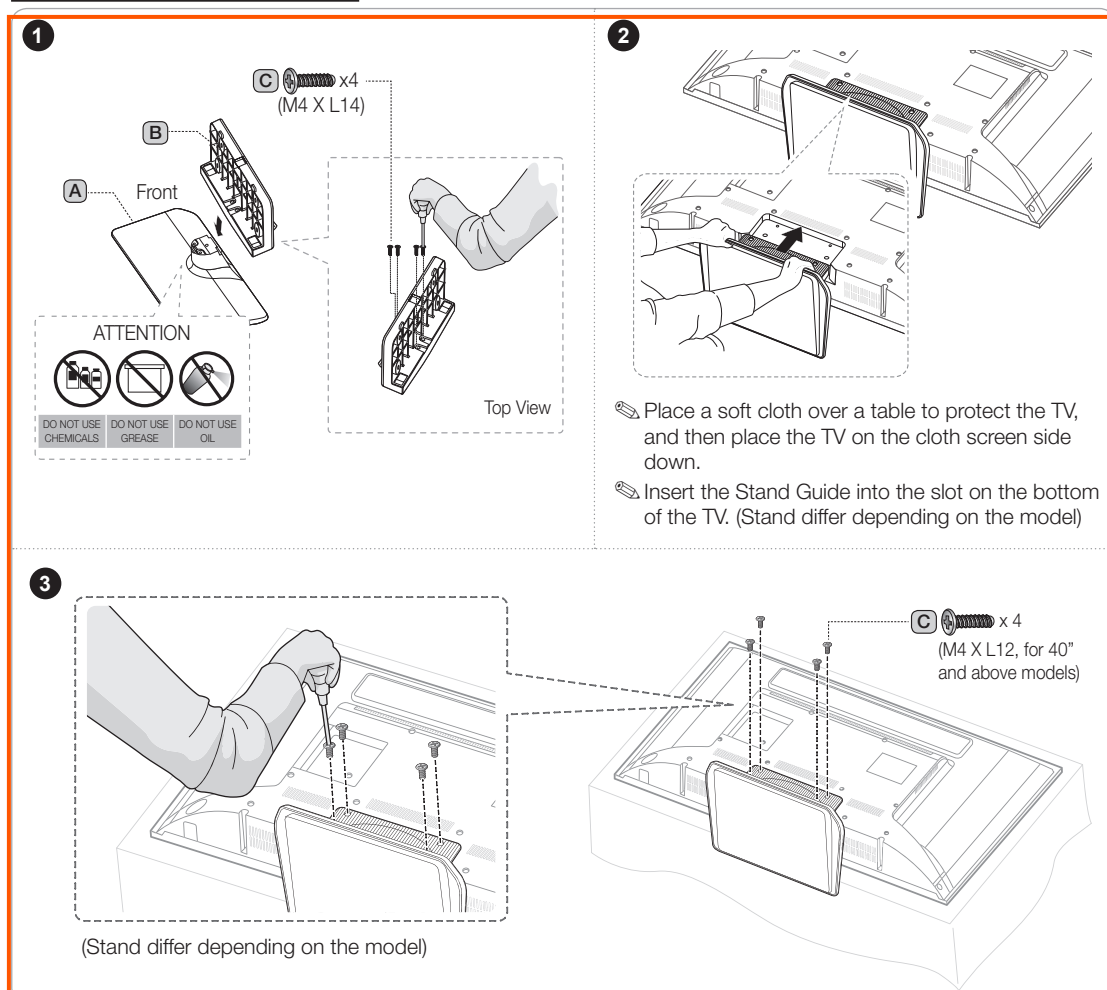
Installing the LED TV Stand

The 32" and larger LED TVs have swivel stands. You can set these stands so that the TVs swivel 20 degrees left and right or 60 degrees and right or 90 degrees left and right.

Stand Components

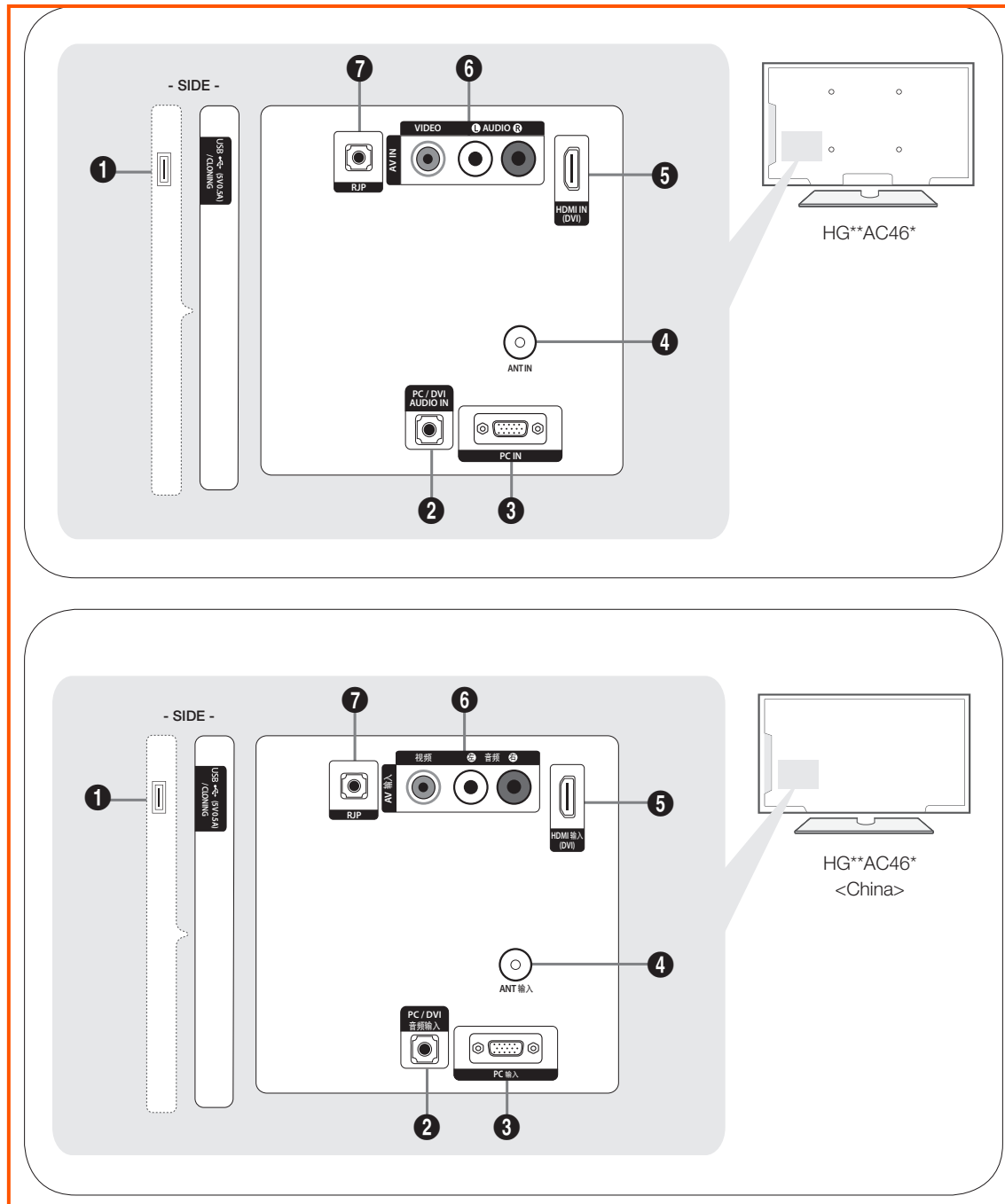
When installing the stand, use the provided components and parts.

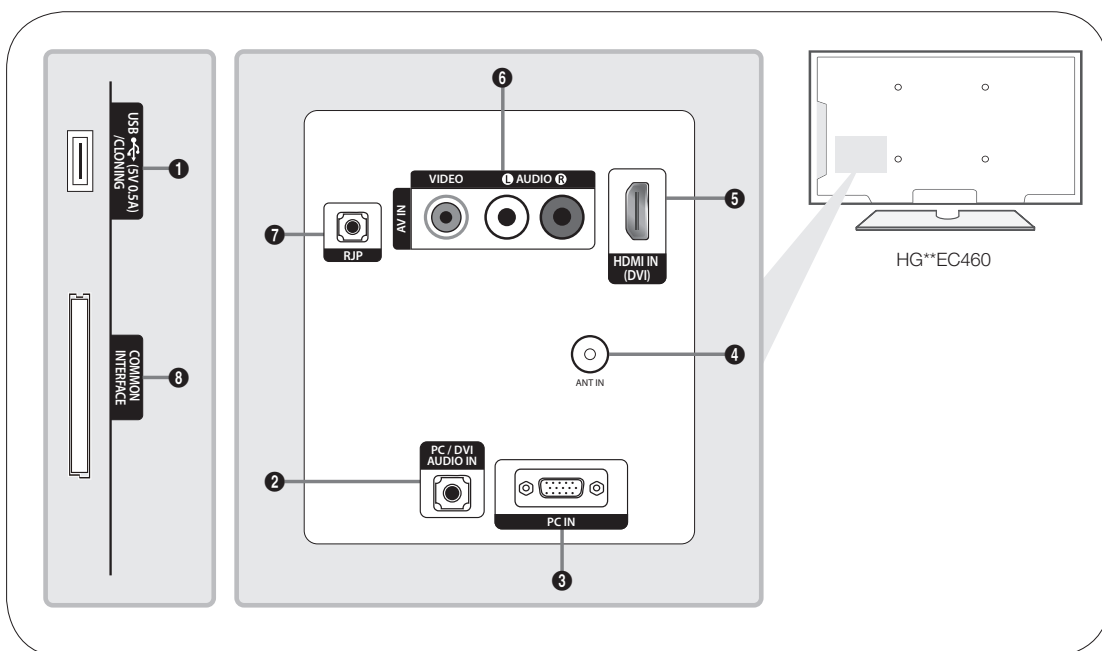
A 1 EA 	B 1 EA 	C  x 4 (M4 X L12) x 4 (M4 X L14)
Stand	Guide Stand	Screws



- Make sure to distinguish between the front and back of the Stand and Stand Guide when assembling them.
- Make sure that at least two people lift and move the TV.

Viewing the Connection Panel





✎ Whenever you connect an external device to your TV, make sure that power on the unit is turned off.

✎ When connecting an external device, match the colour of the connection terminal to the cable.

1 USB (5V 0.5A) / CLONING

- Connector for software upgrades and Media Play, etc.
- Service connection.

2 PC/ DVI AUDIO IN: Connects to the audio input jacks on an Amplifier/Home Theater.

3 PC IN: Connect to the video output jack on your computer.

4 ANT IN (SATELLITE), (AIR/CABLE)

- To view television channels correctly, the TV must receive a signal from one of the following sources:
- An outdoor antenna / A cable television system

5 HDMI IN: Connects to the HDMI jack of a device with an HDMI output.

- ✎ No sound connection is needed for an HDMI-HDMI connection. HDMI connections carry both audio and video.
- ✎ Use the HDMI IN (DVI) jack for a DVI connection to an external device. Use a DVI to HDMI cable or DVI-HDMI adapter (DVI to HDMI) for the video connection and the PC/DVI AUDIO IN jacks for audio.

6 AV IN / COMPONENT IN

- Connects the Component video / audio.
- Connect the component video cables (optional) to the component jacks ("PR", "PB", "Y") at the back of your TV and the other ends to the corresponding component video out jacks on the DVD.
- If you wish to connect both the Set-Top Box and the DVD player, you should connect the Set-Top Box to the DVD Player and connect the DVD Player to the component jacks ("PR", "PB", "Y") on your TV.
- The PR, PB and Y jacks on your component devices (DVD) are sometimes labeled Y, B-Y and R-Y or Y, Cb and Cr.
- Connect the RCA audio cables (optional) to [R - AUDIO - L] at the back of the TV set and the other ends to the corresponding audio out jacks on the DVD Player.

7 RJP: This port is an RJP (Remote Jack Pack) communication port that enables connecting different devices to additional modules to improve device use and convenience.

8 COMMON INTERFACE

Display Modes

You can also select one of the standard resolutions listed in the Resolution column. The TV will automatically adjust to the resolution you choose.

After connecting a computer to the TV, set the screen resolution for the TV on the computer. The optimal resolution is 1920 x 1080 @ 60 Hz. If it is set to any other than in the table below, the TV may display nothing. Set the resolution properly, referring to the user guide of the computer or its graphic card.

The resolutions in the table are recommended.

 Optimal resolution is 1366 X 768 @ 60 Hz.

Mode	Resolution	Horizontal Frequency (KHz)	Vertical Frequency (Hz)	Pixel Clock Frequency (MHz)	Sync Polarity (H / V)
IBM	720 x 400	31.469	70.087	28.322	-/+
MAC	640 x 480	35.000	66.667	30.240	-/-
	832 x 624	49.726	74.551	57.284	-/-
	1152 x 870	68.681	75.062	100,000	-/-
VESA CVT/DMT	640 x 480	31,469	59,940	25,175	-/-
	640 x 480	37,861	72,809	31,500	-/-
	640 x 480	37,500	75,000	31,500	-/-
	800 x 600	37,879	60,317	40,000	+/+
	800 x 600	48,077	72,188	50,000	+/+
	800 x 600	46,875	75,000	49,500	+/+
	1024 x 768	48,363	60,004	65,000	-/-
	1024 x 768	56,476	70,069	75,000	-/-
	1024 x 768	60,023	75,029	78,750	+/+
	1152 x 864	67,500	75,000	108,000	+/+
	1280 x 720	45,000	60,000	74,250	+/+
	1280 x 800	49,702	59,810	83,500	-/+
	1280 x 1024	63,981	60,020	108,000	+/+
	1280 x 1024	79,976	75,025	135,000	+/+
	1366 x 768	47,712	59,790	85,500	+/+

🔗 Optimal resolution is 1920 X 1080 @ 60 Hz.

Mode	Resolution	Horizontal Frequency (KHz)	Vertical Frequency (Hz)	Pixel Clock Frequency (MHz)	Sync Polarity (H / V)
IBM	720 x 400	31,469	70,087	28,322	-/+
MAC	640 x 480	35,000	66,667	30,240	-/-
	832 x 624	49,726	74,551	57,284	-/-
	1152 x 870	68,681	75,062	100,000	-/-
VESA CVT	720 x 576	35,910	59,950	32,750	-/+
	1152 x 864	53,783	59,959	81,750	-/+
	1280 x 720	56,456	74,777	95,750	-/+
	1280 x 960	75,231	74,857	130,000	-/+
VESA DMT	640 x 480	31,469	59,940	25,175	-/-
	640 x 480	37,861	72,809	31,500	-/-
	640 x 480	37,500	75,000	31,500	-/-
	800 x 600	37,879	60,317	40,000	+/+
	800 x 600	48,077	72,188	50,000	+/+
	800 x 600	46,875	75,000	49,500	+/+
	1024 x 768	48,363	60,004	65,000	-/-
	1024 x 768	56,476	70,069	75,000	-/-
	1024 x 768	60,023	75,029	78,750	+/+
	1152 x 864	67,500	75,000	108,000	+/+
	1280 x 1024	63,981	60,020	108,000	+/+
	1280 x 1024	79,976	75,025	135,000	+/+
	1280 x 720	45,000	60,000	74,250	+/+
	1280 x 800	49,702	59,810	83,500	-/+
	1280 x 800	62,795	74,934	106,500	-/+
	1360 x 768	47,712	60,015	85,500	+/+
	1440 x 900	55,935	59,887	106,500	-/+
	1440 x 900	70,635	74,984	136,750	-/+
	1680 x 1050	65,290	59,954	146,250	-/+
VESA GTF	1280 x 720	52,500	70,000	89,040	-/+
	1280 x 1024	74,620	70,000	128,943	-/-
VESA DMT / DTV CEA	1920 x 1080p	67,500	60,000	148,500	+/+

🔗 When using an HDMI/DVI cable connection, you must use the **HDMI IN (DVI)** jack. (The HC470 is not support)

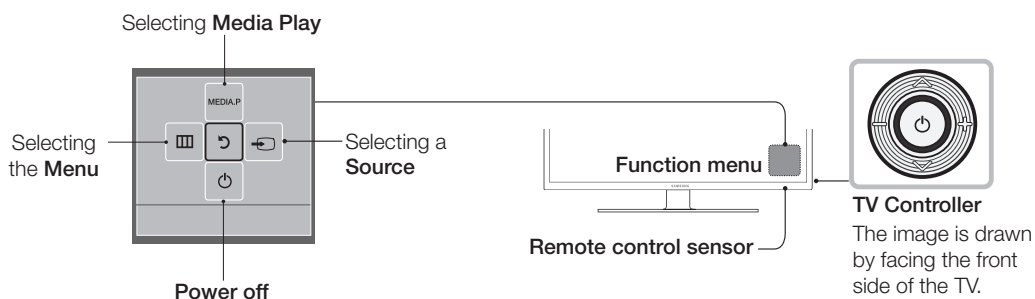
🔗 The interlace mode is not supported.

🔗 The set might operate abnormally if a non-standard video format is selected.

🔗 Separate and Composite modes are supported. SOG is not supported.

Using the TV's Controller

The TV Controller, which is a small joystick like button at the right back of the TV, lets you control the TV without the remote control.



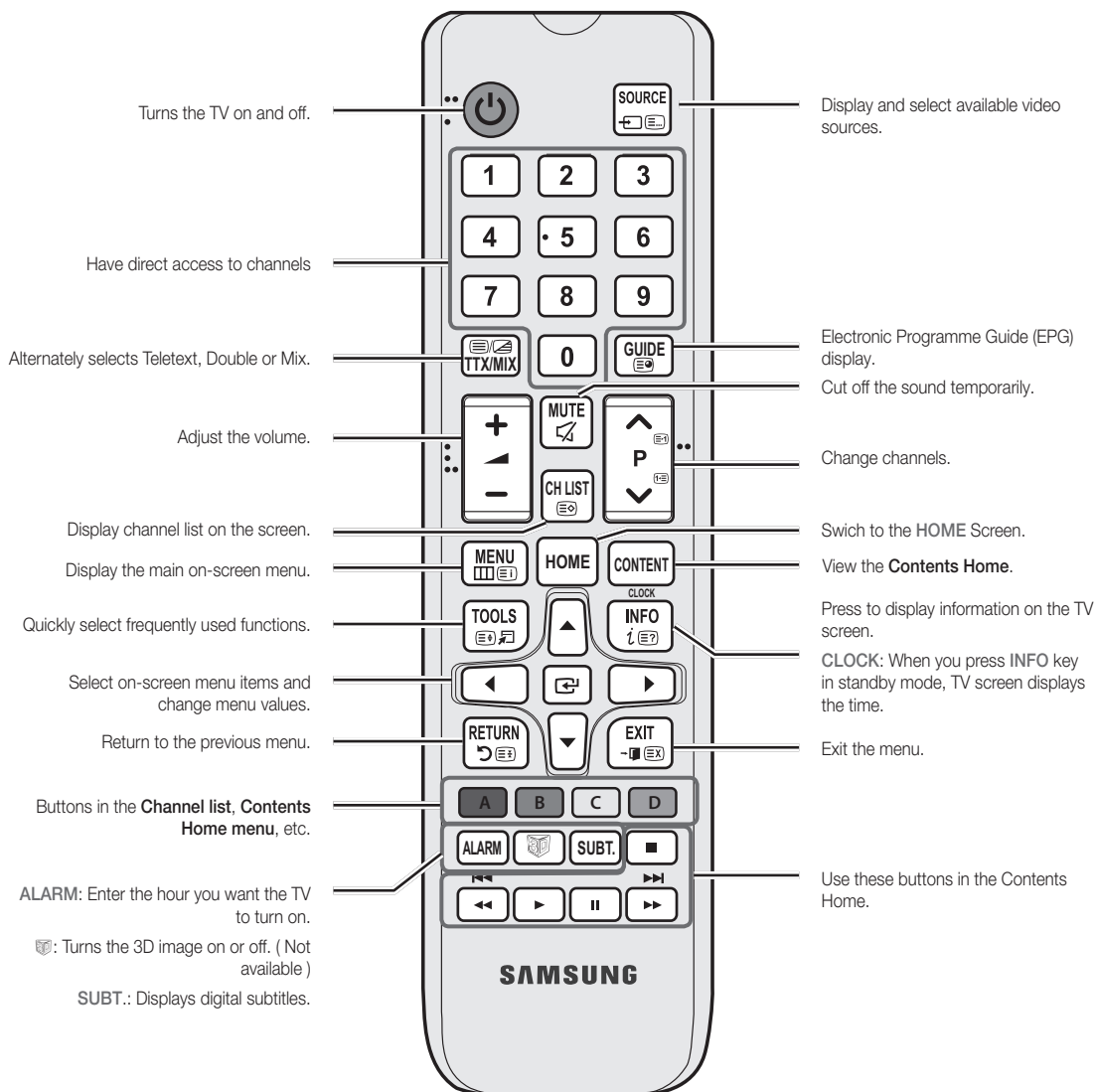
- Some functions which require a PIN code may not be available.
- The product colour and shape may vary depending on the model.
- Exits the menu when pressing the controller for longer than 1 second.
- When selecting the function by moving the controller in the up/down/left/ right directions, be sure not to press the controller. If you press it first, you cannot move it in the up/down/left/right directions.

Standby mode

Your TV enters Standby mode when you turn it off and continues to consume a small amount of electric power. To be safe and to decrease power consumption, do not leave your TV in standby mode for long periods of time (when you are away on vacation, for example). It is best to unplug the power cord.

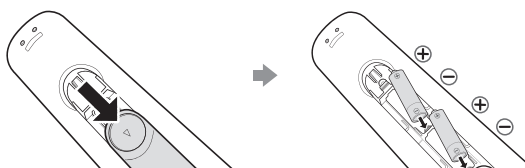
Viewing the Remote Control

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



Installing batteries (Battery size: AAA)

Rear of the Remote



- After you have installed the batteries, use a screwdriver to screw in the screw that holds the battery cover closed.

NOTE

- Use the remote control within 23 feet of the TV.
- Bright light may affect the performance of the remote control. Avoid using nearby special fluorescent light or neon signs.
- The colour and shape may vary depending on the model.
- Remote control button 'HOME' & '3D' are not supported. When pressing these buttons, the TV unit does not respond.

Using the Football Mode

Football Mode

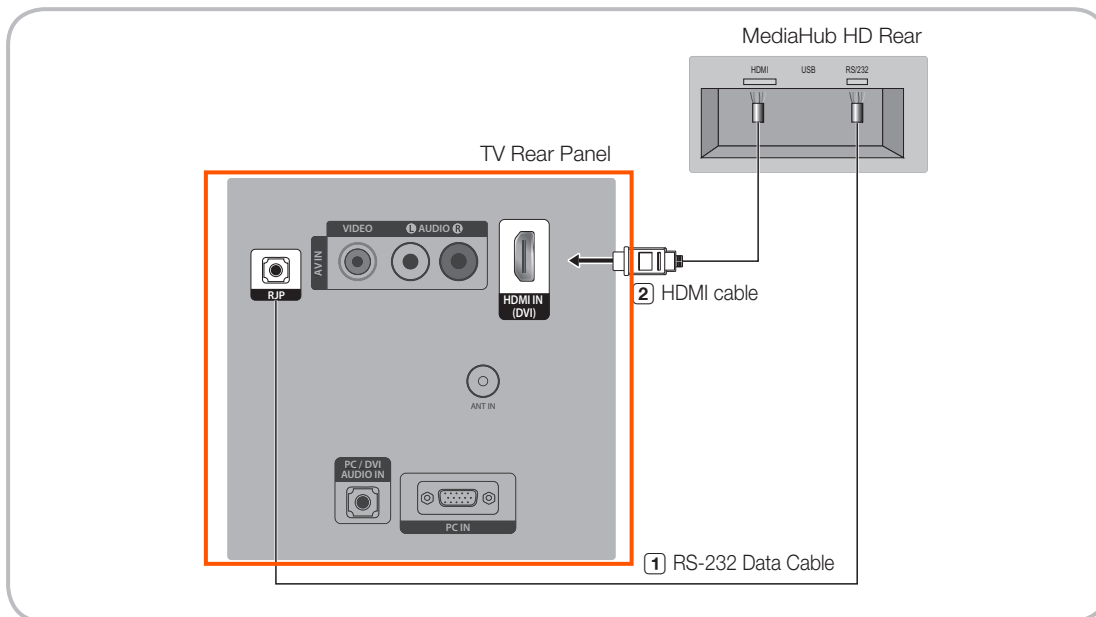
 **MENU**  → **Applications** → **Football Mode** → **ENTER** 

This mode provides optimized condition for watching sports games.

- **A (Zoom)**: Pause playback and divide the picture into 9 parts. Select a part to zoom it in. Press this button again to resume.
 -  When the Football Mode is on, the picture and sound modes are set to **Stadium** automatically.
 -  If you turn the TV off while watching **Football Mode**, the **Football Mode** will be disable.
 -  When the **Data Service** is running, the **Zoom** is not available.

Connecting the MediaHub HD

Output to any external source connected to MediaHub HD on the hotel desk.

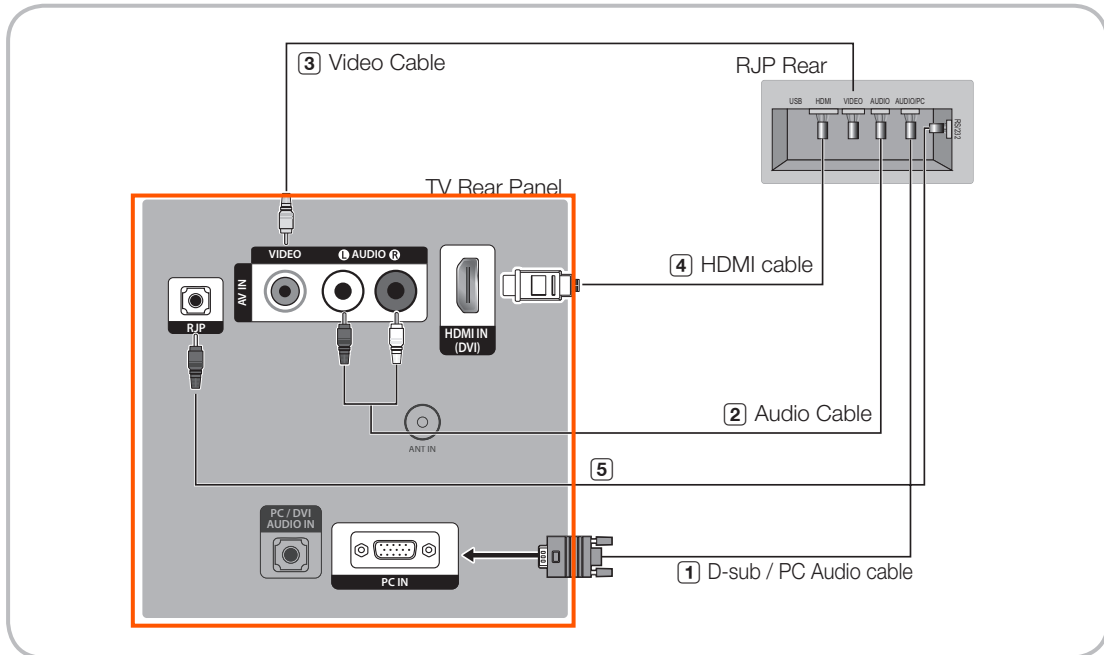


1. Connect the **RJP** port of the TV and the RS/232 port of the MediaHub HD.
2. Connect the **HDMI IN** port of the TV and the HDMI port of the MediaHub HD.

- MediaHub HD
 - The MediaHub HD is a hardware module that has different Audio Video inputs (A/V, Audio, PC, HDMI and USB) and corresponding outputs. The corresponding output sources connect from MediaHub to the TV. MediaHub communicates with the TV via RS232. Hot Plug & Play is a function that allows hotel guests to connect an external source to the MediaHub. MediaHub communicates with the TV by sending messages regarding Active/Inactive sources. The TV switches to the Active external source.
 - You have to connect the HDMI of the MediaHub to the **HDMI IN** port of the TV.
 - When the TV is on, connect the TV and the RJP within 10 seconds.
- Special features
 - PIP
 - Auto Detection

Connecting the RJP (Remote Jack Pack)

Output to any external source connected to RJP on the hotel desk.



1. Connect the **PC IN / PC/DVI AUDIO IN** port of the TV to the PC/AUDIO port of the RJP.
2. Connect the **AV IN [VIDEO]/[L-AUDIO-R]** port of the TV to the VIDEO port of the RJP.
3. Connect the **AV IN [VIDEO]** port of the TV to the VIDEO port of the RJP.
4. Connect the **HDMI IN** port of the TV and the HDMI port of the RJP.
5. Connect the **RJP** port of the TV and the RS/232 port of the RJP.
 - ✎ The RJP (Remote Jack Pack) compatible with this Samsung TV is TeleAdapt TA-7610, TA-7650 (HD) and TA-7660 (HD Plus).

- **RJP (Remote Jack Pack):** RJP stands for Remote Jack Pack. The RJP is a hardware module that has different Audio Video inputs (A/V, Audio, PC and HDMI) and corresponding outputs. The corresponding output sources are connected from the RJP to the TV. The RJP communicates with the TV via RS232. The Hot Plug & Play function allows hotel guests to connect an external source to the RJP. The RJP communicates with the TV by sending messages regarding Active/ Inactive sources. The TV will switch to the Active external source according to the priority set by the User.

- ✎ You can select **HDMI IN** and **AV IN** for connecting the RJP.
- ✎ When the TV is on, connect the TV and the RJP within 10 seconds.

- The RJP can be returned to the factory default settings by pressing the A/V and HDMI buttons simultaneously for 10 seconds. All LEDs blink 5 times to acknowledge that this has been finished.
- The RJP will automatically turn off any LEDs after 5 minutes to avoid unnecessary light pollution in the hotel room. The LEDs that were turned off will turn on again if the guest touches any of the buttons and the 5 minute timer will restart. If the guest then touches another source button, the TV will change to the selected source and the corresponding LED will be lit.
- After an RJP Reset or a TV Power OFF/ON, it takes approx. 10 seconds to establish communications between the TV and the RJP.
- The following table shows the approximate time in seconds to switch from the TV to the input source, based on the priority.

✎ Scenario 1: When no inputs are connected.

Source	To Connect
AV	2 Sec
PC	0.7 Sec
HDMI	3.9 Sec

✎ Scenario 2: When two or more inputs are connected and an Input source is disconnected and then reconnected.

Source	Disconnect	To Connect	Total
AV	4.5 Sec	2 Sec	6.5 Sec
PC	0.7 Sec	0.7 Sec	1.4 Sec
HDMI	3.9 Sec	3.9 Sec	7.8 Sec

✎ E.g. If the RJP has all its live sources AV, PC and HDMI connected, AV is viewed as the highest priority. If the RJP is in HDMI mode, and a guest removes and reconnects the AV, the minimum time required to switch to the AV is 6.5 seconds.

- To connect audio (Ipod or Mp3), Music mode should be ON and Jack Ident detect should be OFF.
- A/V, PC and HDMI input sources are supported.

Setting the Hotel Option Data

To Enter: Press the **MUTE** → 1 → 1 → 9 → **ENTER** buttons in order. (From the Hospitality mode, the Standalone mode is set.)

To Exit from this menu : power off and turn on again.

No	Hotel TV Function			Description
	Category	Item	initial value	
1	Hospitality Mode	Hospitality Mode	Standalone	Select Hospitality mode. - Interactive mode : TV works with an SI STB or SBB. - Stand-alone mode : TV works alone, without an SI STB or SBB.
2	SI Vendor	SI Vendor	OFF	Interactive mode : Samsung /2M/ Locatel / VDA / VDA-S / Acentic /Sutrinere-lone mode : OFF /Movielink/Swisscom/ Smoovie
3	Power On	Power On Channel	Last Saved	Set the default values that will be applied when the TV is turned on. - User Defined : Lets you set Power On Channel and Channel Type manually. See Power On Channel and Channel Type below. - Last Saved : If you select this item, when the TV is turned on, it displays the channel it was displaying when it was turned off.
		Power On Channel Num	...	When the TV is turned on, it switches automatically to this channel.
		Power On Channel Type	...	Select channel band : AIR (analog air band), DTV (digital air band), CATV (analog cable band), CDTV (digital cable band)
		Power On Volume	Last Saved	- User Defined : Lets you set the Power On Volume manually. See Power On Volume below. - Last Saved : When the TV is turned on, it returns to the volume that had been set when the power had been turned off.
		Power On Volume Num	...	The TV turns on with this Volume Level in Stand Alone Hospitality mode.
		Min Volume	0	The minimum Volume Level the user can set in Stand Alone Hospitality mode.
		Max Volume	100	The maximum Volume Level the user can set in Stand Alone Hospitality mode.
		Power On Source	TV	Select the input source the TV displays when turns on.
4	Channel	Power On Option	Last Option	Determines the TV's state when power returns after a power failure or after you have unplugged the TV and then plugged it in again. - LAST OPTION : Returns to its last Power state. If it was in Stand-by, it returns to Stand-by. If it was on, it turns on. - Power On : When the power returns, the TV turns on. - Standby : When the power returns, the TV enters the Standby mode.
		Channel Setup	...	Gives you direct, immediate access to some of the Channel menu functions on the user Channel menu such as Auto Program, Antenna selection, etc.
		Channel Editor	...	The Channel Editor lets you edit the channels stored in the TV's memory. Using Channel Editor you can: - Change the channel numbers and names, and sort the channels in your desired channel number order. - Apply the video mute to channels you select. The video mute blanks out the video from a channel and outputs only the sound while displaying a speaker icon on the screen. The Channel Editor also lets you view information about each channel easily, without your having to display each channel directly.
		Mixed Channel Map	ON	This Feature enables showing/browsing all antenna type (Air/Cable or Satellite) channels at the same time. - On: When ON, guests can access the complete Channel Map irrespective of the selected antenna type. The Channel list will also populate Air as well Cable type channels. - Off: When OFF, guest can access the Channel Map corresponding to the selected antenna type [AIR/CABLE or Satellite] only. The Channel list/Editor will only show the selected antenna type channels.
		Dynamic SI	OFF	- On : Check the DTV Programme channel number. (the DTV channel editor is inaccessible) - Off: Do not check the DTV Programme channel number. (the DTV channel editor is accessible, but additional channel Programme number update is not supported)

No	Hotel TV Function			Description
	Category	Item	initial value	
4	Channel	Channel Rescan Message	ON	When there is a mismatch between the data in the channel map and the transmitted data , the TV autotunes the channels to restore the data/parameters in the channel map. - On: When Channel Rescan Message is ON, The OSD showing that the channels are being rescanned will be displayed to Hotel Guests. - Off: A Hotel Admin can turn the Channel Rescan Message OFF, if the rescan message OSD should not to be displayed to Hotel Guests.
		My Channel	OFF	Enable or disable the Mychannel feature.
		Genre Editor	...	Edit the genre for channels. (Available when Mychannel is On)
		Subtitle Auto On	OFF	This function turns the function On/Off that automatically turns on the subtitles in a specific country. This function is supported for Hotel TVs that are ready to receive DVB broadcasts that is heading to Europe. This function is related to France's subtitle specification. The rest of the countries' subtitles function according to the appropriate country specifications regardless of the Subtitle Auto On function. - On: When the Subtitle Auto On function is ON, it follows France's subtitle specifications. - Off: When the Subtitle Auto On function is OFF, it does not follow France's subtitle specifications.
		TTX Widescreen Mode	OFF	- On : The TTX Widescreen Mode is displayed. - Off :The TTX Widescreen Mode is not displayed.
5	Menu OSD	Picture Menu Lock	OFF	Enable or disable the Picture Menu.
		Menu Display	ON	- On : The Main Menu is displayed. - Off : The Main Menu is not displayed.
		Panel Button Lock	Unlock	Turning the front panel (local key) operations on/off. - Unlock : Unlocks all panel keys. - Lock : Locks all panel keys. - OnlyPower : Locks all panel keys except the Power panel key. - Menu/Source : Locks the Menu and Source panel keys.
		Home Menu Display	ON	- OFF:The Home Menu is not displayed. - ON:The Home Menu is displayed.
		Home Menu Editor		Edit Home Menu .
		Home Menu Auto Start	ON	- ON:The Home Menu is Auto Start. - OFF:The Home Menu is not Auto Start.
6	Clock	Local Time	Manual	Selection of the way to update clock data - Manual: Use clock data from DVB channel or manual clock setting When the TV is in the stand-alone mode. - TTX: manual clock setting (with updating from TTX data).
		Time Channel Type	...	
		Time Channel Num	...	
7	Music Mode	Music Mode AV	OFF	To get music output from an mp3/audio player through an AV Input Source. When on, you can hear sound from the player through the TV even there is no video signal. The TV's backlight, however, remains on. And add a video signal,it works normally.
		Music Mode Backlight	OFF	Backlight On/Off option in Music mode to save energy
8	Remote Jack Pack	Priority AV	1	If the jack priority is set, the corresponding source is automatically set when a jack is inserted according to the jack priority
		Priority PC	2	If the jack priority is set, the corresponding source is automatically set when a jack is inserted according to the jack priority.
		AV Option	AV	Select RJP AV Source (Source selection depends on Model).
		HDMI Option	HDMI	Select which HDMI source of the TV is connected to the RJP jack.

No	Hotel TV Function			Description
	Category	Item	initial value	
9	External Source	USB Pop-up Screen	Default	When a USB device is connected to the TV : - Default : A popup window appears. - Automatic : Opens the USB contents menu automatically. - Disable : Neither the popup window nor the menu appears.
		External Source Banner	ON	If set to On, the TV displays the External Source Banner (information) when you change the TV source to another external input, press the Info key, or turn the TV on. - On : The External Source information is displayed on the TV screen. - Off : The External Source information is not displayed on the TV screen.
		Auto source	OFF	- On : When an external input source is connected to the TV, the TV identifies the input source, and then automatically switches to that input source. - Off : Auto Source function is Off.
		Anynet+Return Source	Power On Src	Select the return TV source after stopping an Anynet+(HDMI-CEC) connection. (This function is especially useful for the Guestlink RJP.)
10	Eco Solution	Energy saving	OFF	Adjusts the brightness of the TV to reduce power consumption. - Off: Turns off the energy saving function. - Low: Sets the TV to low energy saving mode. - Medium: Sets the TV to medium energy saving mode. - High: Sets the TV to high energy saving mode.
11	Logo/ Message	Welcome Message	OFF	Displays a the Welcome Message for 5 seconds when the TV turns On.
		Edit Welcome Message		Edits the Welcome Message.
		Hospitality Logo	OFF	Turns the Hospitality logo feature On or Off, If On, when the TV is turned on, the Logo is displayed, before the signal from the initial source, for the amount of time set in "Logo Display Time".
		Hospitality Logo DL	...	Downloads the Hospitality logo. Hospitality logo file requirements: - BMP or AVI files only. - Max file size : BMP - 960 X 540. AVI - 30MB. - The file can only be named samsung.bmp or samsung.avi.
		Logo Display Time	...	Hospitality Logo Display Time (3/5/7 seconds).
12	Cloning	Welcome Message	OFF	Displays a the Welcome Message for 5 seconds when the TV turns On.
		Edit Welcome Message		Edits the Welcome Message.
		Hospitality Logo	OFF	Turns the Hospitality logo feature On or Off, If On, when the TV is turned on, the Logo is displayed, before the signal from the initial source, for the amount of time set in "Logo Display Time".
13	REACH Solution	REACH 3.0	OFF	- ON: Open the REACH 3.0 - OFF:Closed the REACH 3.0
		REACH 2.0	OFF	- ON: Open the REACH 2.0 - OFF:Closed the REACH 2.0
		REACH Channel	...	Select SIRCH Update Channel
		Group ID	...	Select the SIRCH Group ID
		Ticker	...	- On: The TICKER contents is displayed. - Off: The TICKER contents is not displayed.
		REACH Update Time	...	Select the SIRCH update Time. In the SIRCH update time , you have the option to perform an automatic upgrade at 12:00 AM/PM or at 2:00 AM/PM. You can perform hourly upgrades at an interval of either 1 hr or 2 hrs.
		REACH Update Immediate	...	- On : Whenever the TV enters Standby mode, always performs the SIRCH Update - Off : Only performs the SIRCH Update at the selected SIRCH Update Time
		Room Number	...	Edit the room number
		REACH 2.0 TV Sound	...	- On: The TV sound in the current TV source is output continuously even though the REACH 2.0 TV menu is displayed. - Off: The TV sound in the current TV source is stopped when the REACH 2.0 TV menu is displayed.
		REACH 2.0 Server Version	...	Display the version of the SIRCH Clone file currently updated on the TV.

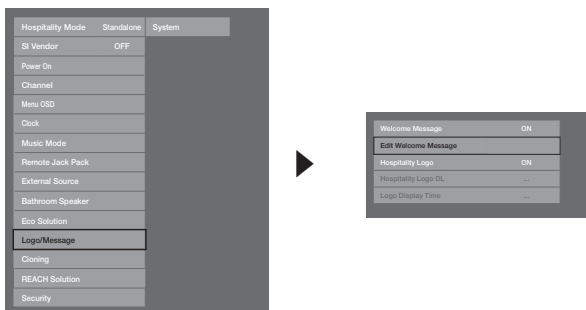
No	Hotel TV Function			Description
	Category	Item	initial value	
15	Security	Password Input	...	Input Password 00000000.
		Password Setting	...	Set new Password.
		Password Reset	...	Reset Password to 00000000.
		Security Mode	...	Security Mode ON or OFF.
		USB	...	USB Disable or Enable.
		HDMI	...	HDMI Disable or Enable.
		TTX Security	...	TTX function Enable or disable
16	System	Self Diagnosis for TV	...	Enter Self Diagnosis Menu. - Picture Test: Use to check for picture problems. If the problem appears in the test picture, select Yes and follow the directions on the screen. - Sound Test: Use the built-in melody sound to check for sound problems. If the problem occurs during the test, select Yes and follow the directions on the screen.
		SW Update	...	SW USB Update function
		Service Pattern	OFF	Same function with SVC Service Pattern
		Contact Samsung		Contact Samsung
		TV reset	...	Factory reset

- ✎ REACH (Remote Enhanced Active Control for Hospitality) is a professional and interactive remote controller that lets you deliver TV firmware updates, cloning data, channel mapping changes, S-LYNK REACH contents, and TICKER contents through RF DTV to several hundred hospitality TVs simultaneously. The REACH functions are only available in standalone mode. The REACH Server is sold separately. Refer to the REACH server manual enclosed in the REACH server product for more information on operating it.

Welcome Message

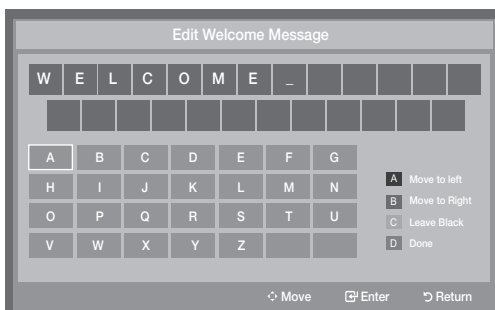
The Welcome message is a feature that allows you to display customized message on the TV every time the TV is turned on by a guest in a hotel room.

- The Welcome message settings are placed in the Hotel Option Menu.
- The Welcome message should be ON in order for the message to be displayed when the power is turned on.



<Depending on model and region, some menu items may not exist>

- The Welcome message can be up to 25 characters and can be edited in the Hotel Service menu.
- The following is the list of characters supported for the Welcome message.
 - ✎ Only the capital letters A to Z are allowed.
- The Welcome message can be edited using the navigation, colour & enter keys of the remote control in the “Edit Welcome Message” OSD.



- The Welcome message and hotel logo cannot be active at the same time.