

Program Rating Lock

The Program Rating Lock feature lets you block programs you've determined are inappropriate for your children based on the program's ratings. To access the **Program Rating Lock** feature and make any changes, you must enter a PIN (personal identification number). To watch a blocked program, you must also enter the same PIN.

Program Rating Lock is not available in HDMI or Component mode.

The default PIN number of a new TV set is "0-0-0-0". You can set your own PIN using the **Change PIN** function.

How It Works

When you access the **Program Rating Lock Menu** functions for the first time, the PIN input screen appears. Every 0-0-0-0. The PIN screen closes and the **Program Rating Lock Menu** appears. Every time you access the **Program Rating Lock** functions, the PIN screen will appear and you must enter a PIN.

When the Rating Lock screen appears, select **Program Rating Lock**, and then press **ENTER**. Select **On**, and then press the **ENTER** key again. Depending on what type of programs or movies you want to block, select one of the options on the screen, and then press the **ENTER** key. The options are listed below.

Parental Guidelines: You can block TV programs based on their ratings. This function allows you to control what your children are watching.

MPAA Rating: You can block movies based on their MPAA ratings. 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 based on their Anglophone Canadian ratings.

Canadian French: You can block TV programs based on their French Canadian ratings.

Downloadable US Rating: You can use parental restriction information while watching DVD channels.

Locking/Blocking Programs or Movies

You lock or block programs and/or movies in essentially the same way for each option. Each option displays a grid of or table. All the tables have ratings listed on the left. The **Parental Guidelines** option also has kinds of content listed across the top: All Lock all TV ratings. / FV: Fantasy Violence / V: Violence / S: Sexual situation / L: Adult Language / D: Sexually Suggestive Dialog.

To lock/block movies or ratings with certain ratings and/or kinds of content, click the square next to the showing and/or under the kind of content. A lock appears. To unlock/unblock, click the square again. When you click a low rating, all the ratings above it will also display locks. You can also Allow All or Lock All. When done, press the **RETURN** button on your remote.

Change PIN: Select **Change PIN** and the **Change PIN** screen appears. Choose any 4 digits for your PIN, and then enter them in the Enter New PIN fields. Re-enter the same 4 digits in the Confirm New PIN fields. When the Change PIN screen disappears, press the **OK** button. The TV has memorized your new PIN.

Repeat, Select Once, Everyday, Mon-Fri, Sat-Sat, or Manual: If you select **Manual**, you can select the days you want to activate the timer by using the **◀▶** buttons to highlight the day, and then pressing the **ENTER** button. To unselect a day, highlight it, and then press the **ENTER** button.

When you finished making all your selections on the Timer screen, press either the **ENTER** or **RETURN** button.

Other Features Voice Guide (On/Off)

You can activate voice guides that describe the menu options aloud to aid the visually impaired.

Voice Guide: Enable or disable the Voice Guide feature. Voice Guide is provided in the current language.

Volume: Set the volume of the voice guide.

Pitch: Set the pitch of the voice guide.

Speed: Set the speed of the voice guide.

Game Mode (On/Off)

When you connect a game console such as a PlayStation™ or Xbox™ to your TV, you can enjoy a more realistic gaming experience by turning on the **Game Mode** function.

Precautions and limitations for game mode:

- Before you 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 shades slightly.

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

After connecting the game console, set **Game Mode to On**. You may notice slightly reduced picture quality.

Boot Logo

Enable or disable the display of the Samsung logo when you turn on the TV.

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Troubleshooting

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

Problem	Possible Solution
Flickering and Dimming	- If your Samsung Television is flickering or dimming sporadically, you may need to disable some of its energy efficiency features such as the Energy Saving feature. Follow the steps below with your remote to turn these features off or on. Energy saving : MENU → Setup → Eco Solution → Energy Saving → Select Settings
Component Connections / Screen Color	- If you find that the color on your Samsung television's screen is not correct or black and white, first run a Self Diagnosis Test on the TV to make sure there are no device issues. Self Diagnosis : User 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 AV Out jack on your video source. - Try making sure you have connected to the correct jacks. For example, if you use the Component jacks, labeled Pb, Pr, and Y, to connect your TV and video source, make sure you have connected the blue Pb jack on the video source to the blue Pb jack on the TV, the red Pr jack on the source to the red Pr jack on the TV, etc.
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 and so on. Go to "Picture" in the Menu, and then try adjusting these options.
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 the Sleep Timer is not accidentally set. The Sleep Timer lets you fall asleep with the TV still on knowing that it will turn off after a certain period of time and not waste energy. Sleep Timer : User 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 : User Menu → Setup → Eco Solution → No Signal Power Auto Power Off : User Menu → Setup → Eco Solution → Auto Power Off

Trouble Powering On	- Before you turn the TV on, find the red light on the right or left bottom of your TV. Press the power on button on the TV or remote and the light should blink about 5 times before the TV turns 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 assembling the stand, refer to "Install the Stand" in the Start Up or Stand Installation Guide.
Cannot find a channel	Re-run Plug & Play or run Auto Program. (go to MENU - Channel - Auto Program)
Poor Picture	- First, perform the Picture Test and to see if your TV is displaying the test image properly. 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. - If you have an analog cable/satellite box, upgrade to a digital set top box. Use HDMI or Component cables that deliver HD (high definition) picture quality. - Cable/Satellite subscribers: Try HD channels from the channel line up. - Air/Cable Antenna connection: Try HD channels after running Auto Program. - Many HD channels broadcast up scaled SD (Standard Definition) content. The picture quality of up scaled SD content is low. - Adjust the Cable/Set top box video output resolution to 1080i or 720p.
The picture is distorted has macroblock error, small block, dots, pixelization.	- Compression of video contents may cause picture distortion, especially on fast moving pictures such as those in 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.
The 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 the default picture settings. (go to MENU - Picture - Picture Reset)

Auto Power Off (Off / Low / Medium / High): Lets you adjust the brightness of the TV to reduce power consumption.

No Signal Power Off (Off / 15 min. / 30 min. / 60 min.): Sets how quickly the TV switches to standby mode, if no picture is being received.

Disabled when an attached PC is in power saving mode.

The default PIN number of a new TV set is "0-0-0-0". You can set your own PIN using the **Change PIN** function.

Application Menu

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



Connecting a USB Device

- Turn on your TV.
- Connect a USB device containing photo, music, and/or movie files to the USB jack on the back of the TV. A pop up window appears.
- Press the MEDIA.P button on your remote. The Media Play menu appears.

Using the Media Play Menu

- To open Media Play in the Menu, follow these steps:
 - Press the MENU button. Then, press the **▶** or **◀** button to select **Applications** on the left, and then press the **ENTER** button.
 - Press the **▶** or **◀** button to select **Media Play (USB)**, and then press the **ENTER** button.
 - Press the **▶** or **◀** button to select an icon (Videos, Music, Photos, Settings), and then press the **ENTER** button.
- Media Play** might not work properly with unlicensed multimedia files. Read the list below before using Media Play, FAT32, and NTFS.
 - The file system supports FAT16, FAT32, and USB.
 - 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 Built-Up 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 file damage or loss of data.
 - 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 billing and settlements.
 - PTP (Pier to Pier) devices are not supported.
 - If an over-power warning message is displayed while you are connecting or using a USB device, the device may not be recognized or may malfunction.

Supported Video Formats						
File Extension	Container	Video Codec	Resolution	Frame rate(fps)	Bit rate (Mbps)	Audio Codec
*.avi		Motion JPEG	640x480		8	
*.h264	Yuvb	H.264 BP/ MP/HP				Dolby Digital LPCM
*.asf						AAC
*.wmv	AVI					ADPCM (IMA, AAC)
*.mp4	MKV	H.264 BP / MP / HP				WMA
*.mov	ASF					Dolby Digital Plus MPEG2(MS)
*.3gp	MP4					DTS (LBR, LBR)
*.3gpp	3GP	Divx 3.11 / 4 / 5 / 6	MAX 30			7.1(L+Lw)
*.m1v	M1V		1920x1080		30	
*.m2p	FLV					
*.m2ps	VOB	MPEG4 SP/ ASP				
*.ts	VOB					
*.tp	VOB					
*.trp	PS	Windows Media Video 9(MSVC)				
*.mov	TS					
*.flv		MPEG2				
*.dat		MPEG1				
*.webm	WebM	VP8	1920x1080	6-30	20	Vorbis

Auto Protection Time

- Auto Protection Time (Off / 2 hours / 4 hours / 8 hours / 10 hours):** If the screen remains idle with a still image for a certain period of time you define, the screen saver is activated to prevent the formation of ghost images on the screen.
 - If the TV has no input during the time period set in **Auto Protection Time**, the Screen saver will run.
 - The power-saving mode of some external hard disk drives may be released automatically when your connect them to the TV.
 - If you use a USB extension cable, the TV may not recognize the USB device or may not be able to read the files on the device.
 - If a USB device connected to the TV is not recognized, the list of files on the device is corrupted, or a file in the list is not played, connect the USB device to a PC, format the device, and check the connection.

There is a dotted line on the edge of the screen.	- If the picture size is set to Screen Fit, change it to 16:9. - Change the cable/satellite box resolution.
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 the TV is connected to a cable box, reset the cable box. (Disconnect and then reconnect the box's AC cord, and then 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 Problems	- 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 be caused by the source or signal. - Check the volume of the device (Cable/Sat Box, DVD, Blu-ray, etc.) connected to your TV.
There is no sound or the sound is too low at maximum volume.	- 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 if the box is connected to your TV using an HDMI cable. - Reboot the connected device by reconnecting the device's power cable.
The picture is good, but there is no sound.	- 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.
The speakers are making an inappropriate noise.	
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 securely into 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 (Cable/Sat Box, DVD, Blu-ray etc.) video outputs to match the connections to the TV input. For example, if an external device's input 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 correct input source by pressing the SOURCE button on the remote control. - Reboot the connected device by unplugging and then reconnecting the device's power cable.
RF (Cable/Antenna) Connection	
The TV is not receiving all channels.	- Make sure the coaxial cable is connected securely. - Run 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 CCL1. - 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 those in 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 and bottom appear when movies that have aspect ratios different from your TV play on the 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's batteries. Make sure you insert them with the polarity (+/-) correct. - 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.
A "Mode Not Supported" message appears.	Check the supported resolution of the TV and adjust the external device's output resolution accordingly. Refer to resolution settings in this manual.

Other Restrictions

- Codes may not play a program properly if there is a problem with the content.
- Video content that may play or will not play correctly if there is an error in the content or container.
- Sound or video may not work if they have bit rates/frame rates above the TV's compatibility ratings.
- If the Index Table contains an error, the Seek (Jump) function will not work.
- When the TV is playing video over a network connection, the video may not play smoothly because of data transmission speeds.
- Some USB/digital camera devices may not be compatible with the TV.
- When the TV is playing a video at a bit rate of 10 Mbps or higher, the menu screens may be displayed slowly.

Supports up to H.264, Level 4.1 H.264 FMO / ASO / RS / VCI / AP L4 are not supported. 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. OCCLP 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.			
Audio Language		You can change the audio language if the video has more than one language.	✓
Stop Slide Show / Start Slide Show		You can start or stop a Slide Show.	✓
Slide Show Speed		You can select the slide show speed during the slide show.	✓
Background Music		You can set and select background music when watching a Slide Show.	✓
Zoom		You can zoom into images in full screen mode.	✓
Rotate		You can rotate images in full screen mode.	✓
Information		You can see detailed information about the played file.	✓

Music

- In the Media Play menu, press the **◀** or **▶** button to select **Music**, and then press the **ENTER** button.
- Press the **◀▶/▶/▶** buttons to select the desired Music in the file list.
- Press the **ENTER** button or **▶** (Play) button.
 - The file name is displayed on the top of the screen with the playing time.
 - If video time information is unknown, playing time and the progress bar are not displayed.
 - During video playback, you can search using the **◀** and **▶** buttons.
- In this mode, you can play movie clips contained in a game, but you cannot play the game itself.
- Supported Subtitle Formats
 - External
 - Name
 - File extension
 - MPEG-4 timed text .txt
 - SAMI .smi
 - Subrip .ass
 - Subviewer .sub
 - Micro DVD .sub or .txt
 - SubStation Alpha .ssa
 - Advanced SubStation Alpha .ass
 - Internal
 - Name
 - Container
 - Format
 - SubStation Alpha MKV Text Format
 - Advanced SubStation Alpha MKV Text Format
 - Subrip MKV Text Format
 - MPEG-4 Timed text MP4 Text Format
- Supported Video Formats

Image	Photo	Resolution
JPEG	Basic Line	15360 x 8640
	Progressive	1024 x 768

Other Restrictions

- CMYK, YCKC Color space JPEG are not supported.

Playing Multiple Files

- Playing selected video/music/photo files**
 - On the File list screen, highlight a file, and then press the Yellow button on your remote.
 - Repeat Step 1 to select multiple files.
- NOTE**
 - A ✓ 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, select **Deselect All**, and then the **ENTER** button.
- Press the TOOLS button, select **Picture Selections**, and then press the **ENTER** button.
- Playing a video/music/photo folder**
 - With the folders on your USB device displayed, use the **◀▶/▶/▶** buttons to highlight a folder.
- Press the TOOLS button, select **Play Folder**, and then press the **ENTER** button.

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.

There is a plastic smell from the TV.	This smell is normal and will dissipate in a few days.
TV Signal Strength is unavailable in the Self Diagnosis Test menu.	This function is only available for digital channels received through an Antenna / RF/Coax connection.
TV is tilted to the right or left side.	Remove the stand base from the TV and reassemble it.
The Channel menu is grey out (unavailable).	The Channel menu is only available when you select the TV source.
Your settings are lost after 30 minutes or every time the TV is turned off.	If TV is in the Store Demo mode, it will reset audio and picture settings every 30 minutes. Please change from Store Demo mode to Home Use mode using the Plug & Play procedure. Press the SOURCE button to select TV mode, go to MENU → 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.
You see small particles when you look closely at the edge of the frame of the screen.	This is part of the product's design and is not a defect.
POP (TV's internal banner ad) appears on the screen.	Select Home Use under Plug & Play mode. For details, refer to Plug & Play (Initial Setup).

The 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.

You can watch detailed troubleshooting videos at [www.samsung.com/spns](#).

Some functions and pictures shown in this manual are available on specific models only.

You can keep your TV in optimum condition by upgrading it with the latest firmware from the Samsung web site ([samsung.com](#) → Support → Downloads). To upgrade, download the firmware to your computer, copy the firmware file to a USB memory stick, insert the USB memory stick into the TV's USB slot, and then select Support / Software Upgrade in the TV's menu.

Storage and Maintenance

- If a sticker was attached to the TV screen, some debris can remain after you remove the sticker. Please clean it before watching the 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.

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License

DIVX HD	This DivX Certified® device has passed rigorous testing to ensure it plays DivX® video. To play purchased DivX® movies, first register your device at vod.divx.com. Find your registration code in the DivX VOD section of your device setup menu. DivX® Certified® to play DivX® video up to HD 1080p, including premium content. DivX®, DivX Certified® and associated logos are trademarks of DivX, LLC and are used under license. Covered by one or more of the following U.S. patents: 7,295,673; 7,460,668; 7,515,710; 8,656,183; 8,731,369; RE45,052.
dts 2.0 Channel	For DTS patents, see http://patents.dts.com. Manufactured under license from DTS Licensing Limited. DTS, the Symbol, & DTS and the Symbol together are registered trademarks, and DTS 2.0 Channel is a trademark of DTS, Inc. © DTS, Inc. All Rights Reserved.
dts Studio Sound	For DTS patents, see http://patents.dts.com. Manufactured under license from DTS Licensing Limited. DTS, the Symbol, DTS in combination with the Symbol, and DTS Studio Sound are registered trademarks or trademarks of DTS, Inc. in the United States and/or other countries. © DTS, Inc. All Rights Reserved.
DOLBY AUDIO	Manufactured under license from Dolby Laboratories. Dolby, Dolby Audio and the double-D symbol are trademarks of Dolby Laboratories.
HDMI	The terms HDMI and HDMI High-Definition Multimedia Interface, and the HDMI Logo are trademarks or registered trademarks of HDMI Licensing LLC in the United States and other countries.

Open Source License Notice

Open Source used in this product can be found on the following webpage.

([http://opensource.samsung.com](#)) Open Source License Notice is written only English.

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.

Other Information

Installing the Wall Mount Kit

The wall mount kit (sold separately) allows you to mount the TV on the wall.

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

Wall Mount Kit Specifications (VESA)

The wall mount kit is not supplied, but sold separately.

Install your wall mount on a solid wall perpendicular or the floor. When attaching to other building materials, please contact your nearest dealer. If you install the TV on a ceiling or slanted wall, it may fall and result in severe personal injury.

NOTE

- Standard dimensions for wall mount kits are shown in the table below.
- When purchasing our wall mount kit, a detailed installation manual and all parts necessary for assembly are provided.
- Do not use screws that do not comply with the VESA standard screw specifications.
- Do not use screws that are longer than the standard dimension or do not comply with the VESA standard screw specifications. Screws that are too long may cause damage to the inside of the TV set.
- For wall mounts that do not comply with the VESA standard screw specifications, the length of the screws may differ depending on the wall mount specifications.
- Do not fasten the screws too firmly. This may damage the product or cause the product to fall, leading to personal injury. Samsung is not liable for these kinds of accidents.
- Samsung is not liable for product damage or personal injury when a non-VESA or non-specified wall mount is used or the consumer fails to follow the product installation instructions.
- Do not mount the TV at more than a 15 degree tilt.
- Always have two people mount the TV on a wall.

Product Family	TV size in inches	VESA screw hole specs (A* B) in millimeters	Standard Screw	Quantity
LED-TV	40	200 X 200	M8	4

Do not install your Wall Mount Kit while your TV is turned on. It may result in personal injury due to electric shock.

Securing the TV to 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.

To prevent the TV from falling

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Specifications

Environmental Considerations	
Operating Temperature	50°F to 104°F (10°C to 40°C)
Operating Humidity	10% to 80%, non-condensing
Storage Temperature	-4°F to 113°F (-20°C to 45°C)
Storage Humidity	5% to 95%, non-condensing
Model Name	UN40H5003
Display Resolution	1920 x 1080
Screen Size (Diagonal)	40" Class (16.3 : 9) (39.5" measured diagonally)
Sound Output	10W x 2
Dimensions (W x H x D) (body)	36.1 x 20.9 x 3.7 inches (918.0 x 533.2 x 94.0 (mm))
With stand	36.1 x 23.3 x 8.9 inches (918.0 x 592.6 x 227.6 (mm))
Weight	
Without Stand	16.7 lbs (7.6 Kg)
With Stand	21.1 lbs (9.6 Kg)