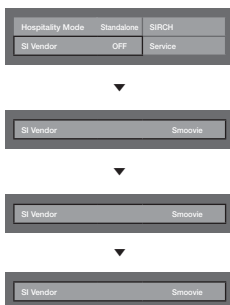


Channel Bank Editor (Smoovie TV Only)

The Channel Bank Editor in conjunction with the SMOOVIE remote lets you control the channels guests have access to. The Channel Bank Editor provides three Banks of channels and lets you select which channels will be available from each bank. SMOOVIE remotes have instalable Bank Cards which correspond to the channel banks in the Channel Bank Editor. The remotes only allow access to channels in the channel bank that correspond to the installed card. Consequently, the channels a guest can access depend on the Bank Card installed in their SMOOVIE remote.

Setting the Channel Bank Editor under Stand-alone Mode

1. Press **MUTE+1+1+9+Enter**  on the remote to enter the Hotel Standalone menu.
2. Go to SI vendor, and then select : **"Smoovie"**
3. Find the new menu option, **"Channel Bank Editor"**.
4. Enter the **"Channel Bank Editor"**.



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

5. Edit the Channel Bank. An example is below.
 - a. Bank1 (Free channel): Select the channels that will be accessible when a remote doesn't have a card.
 - b. Bank2 (Family Card - Green): Select the channels that will be accessible when a remote has a GREEN CARD.
 - c. Bank3 (Adult Card - Red): Select the channels that will be accessible when a remote has a RED CARD.

Channel Bank Editor			
	Bank1 (4)	Bank2 (6)	Bank3 (36)
All	☐	☐	☒
1 ABC	☒	☒	☒
2 CBS	☒	☒	☒
3 FOX	☐	☒	☒
4 NBC	☐	☒	☒
5 CNN	☐	☒	☒
6 CW	☐	☒	☒
7 HBO	☐	☐	☒
8 TNT	☐	☐	☒
			
 Move  Select/Deselect  Return			

Information About SMOOVIE Remote Controls

- If you select SMOOVIE as the SI vendor, you should also use SMOOVIE remotes in your facility.
- Guests with remotes that do not have a card can only view channels from Bank 1.
- Guests using the Numeric keys on the remote to change channels can only view channels from Bank 1.
- Guests with remotes that have Green or Red cards must use the channel up/down keys to change channels.
- Guests can only see channels from the Bank1 channel list In the Channel Guide or the Channel List.

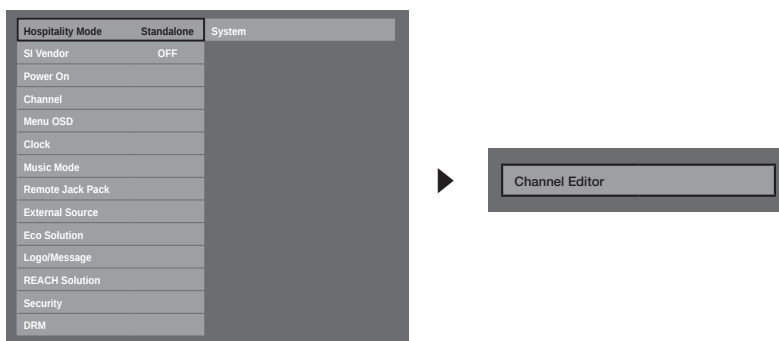
Smoovie Set Up Sequence

Step	Smoovie TV Setup (Air/ Cable)	
	Only Air or Cable used	Only Air or Cable used
	If the TV starts with Hotel Plug&Play	If Hotel Plug&Play already done
1	Do a complete P&P (including Air or Cable auto tune)	Enter the Hotel menu
2	After P&P, the TV displays the Hotel menu	Select the channel type - ATV or ADTV for Air - CATV or CDTV for cable
3	Select the channel type - ATV or ADTV for Air - CATV or CDTV for cable	Select Smoovie TV in the Hotel menu
4	Select Smoovie TV in the Hotel menu	Select Channel Setup
5	Select Channel Setup (Can be skipped)	Select "Air" or "Cable" to auto tune
6	Select "Air" or "Cable" to auto tune. (Can be skipped,)	Set up channels in the CH Bank Editor
7	Set up channels in the CH Bank Editor	After power off & on, guests can use the TV
8	After power off & on, guests can use the TV	
9		
10		

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.



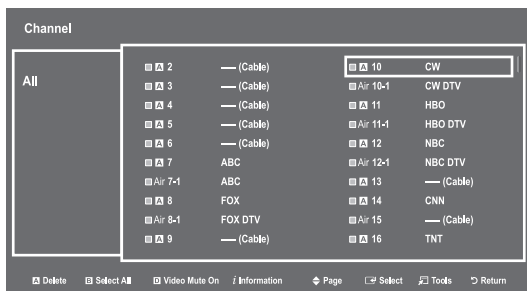
- <Depending on model and region, some menu items may not exist.>

General Steps for Using the Channel Editor in Stand-alone Mode

Step	Broad Outline
1	Run 'Channel Auto Store' in the Hotel Option Menu.
2	Enter 'Channel Editor' in the Hotel Option Menu.
3	On a piece of paper, compile a list of channels you want to have, arranged in the order you want.
4	Rearrange channels and edit channel names with the TOOLS Button based on the list you compiled.
5	Press the EXIT or RETURN Button to exit.

<For a detailed explanation of how Channel Editor works, see pages 34 through 36.>

The picture below shows a sample Channel Editor screen.

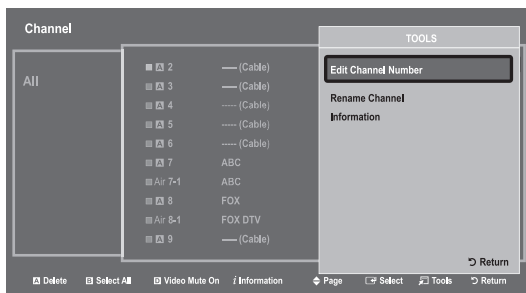


- **A** Indicates an analog channel.
- Channels without an **A** are digital channels.
 - ✎ If Dynamic SI in the Hospitality Option Menu is On, Channel Editor will display no digital channels. You must set Dynamic SI to Off before you can edit digital channels in Channel Editor.
- The guide at the bottom of the Channel Editor menu displays the remote buttons you need to press to apply Channel Editor functions.
 - 1 Using the remote's up or down arrow key, highlight the channel that you want to edit.
 - To edit more than one channel, move the highlight to a channel, and then press the **ENTER** key. A check will appear in the check box next to the channel. Repeat for each channel you want to edit.
 - 2 To delete the channel or channels you selected from the channel list, press the red button on the remote.
 - To delete two or more channels simultaneously, select multiple channels in Step 1, and then press the red button on the remote.
 - 3 Press the green button on the remote to select all channels.
 - 4 To apply the video mute, press the yellow button on the remote.
 - To apply the video mute to two or more channels simultaneously, select multiple channels in Step 1, and then press the yellow button on the remote.
 - 5 To view information about a channel, including video mute set up, press the **INFO** button on the remote.
 - 6 Press the **TOOLS** button on the remote to rename a channel or change the channel number. See page 36.

Channel Editor Functions and Remote Button

- A** Red (**Delete**): Deletes a channel from the channel list.
- B** Green (**Select All**): Selects all channels at once.
- C** Yellow (**Deselect All**): Deselects all channels at once.
- D** Blue (**Video Mute On/Off**): You can set the **Video Mute On/Off**.
- ◀▶** (**Page**): Moves to next or previous page.
- i** (**Information**): Display details of the selected channel.
- ☰** (**Tools**): Displays the option menu.
- ↩** (**Return**): Returns to the previous step or exits.

When you press the **TOOLS** button, the following menu is available.



• Edit Channel Number

Use **Edit Channel Number** to change the channel number of a channel you select. To change a channel number, follow these steps:

1. Select a channel on the **Channel Edit** screen.
2. Press the **TOOLS** button on your remote.
3. Select **Edit Channel Number** in the Tools menu.
4. Use the up or down arrow keys to change the channel number.
5. Select **OK** when done, and then press the **ENTER** button.



When you change the channel number, the channel information is not updated automatically.

• Rename Channel

Use **Rename Channel** to change the name of a channel you select.

To change the name of a channel, follow these steps:

1. Select a channel on the Channel Edit screen.
2. Press the **TOOLS** button on your remote.
3. Select **Rename Channel** in the Tools menu.
4. Use the on-screen keyboard that appears to enter the new name for the channel. Use the arrow buttons on your remote to select a letter or number, and then press Enter. Repeat for each letter or number you want to select.
5. When finished, select Done on the bottom of the screen, and then press the **ENTER** button.

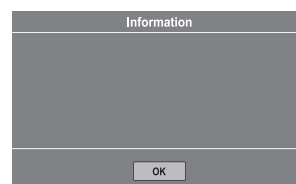


• Information

Use **Information** to view information about a channel you select.

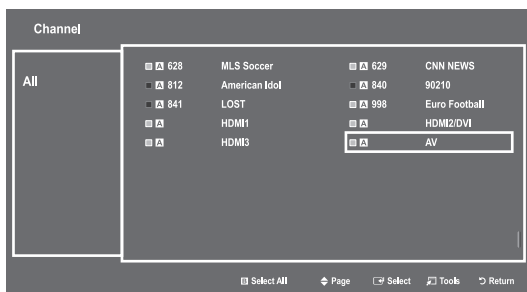
To view information about a channel, follow these steps:

1. Select a channel on the Channel Edit screen.
2. Press the **TOOLS** button on your remote.
3. Select **Information** in the Tools menu.
4. Select **OK**, and then press the **ENTER** button to close the Information screen.

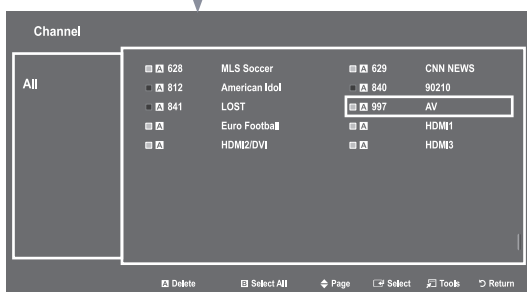


The external sources of this TV are displayed in the last page of the Channel Editor menu as shown in the example below. In the example, there are two external sources connected to the TV, **HDMI2 (DVI)** and **AV**.

- You can assign a new analog channel to an external source by selecting the source on the last page, pressing the **TOOLS** button, selecting **Edit Channel Number**, and then using the up or down arrow button on the remote to select the channel number of the analog channel.
- If you tune to a channel after assigning the channel to an external source, you can enter the external source without opening the TV source menu.



HDMI3AllAfter assigning channel number 997 to the AV source.



Installing the Wall Mount



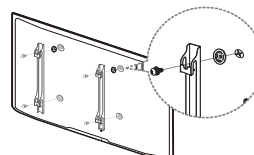
Wall or Ceiling Mounting

If you mount this product on a wall, it should be mounted only as recommended by the manufacturer. Unless it is correctly mounted, the product may slide or fall, causing serious injury to a child or adult, and serious damage to the product.

Preparing before installing Wall-Mount (48" only)

To install a wall-mount from another manufacturer, use the Holder-Ring.

The product shape may differ depending on the model.



Installing the Wall Mount Kit

The wall mount kit (sold separately) lets you mount the TV on the wall. For detailed information about installing the wall mount, see the instructions provided with the wall mount. 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.

To order the wall mount, contact Samsung Customer Care at 1-800-SAMSUNG (1-800-726-7864).

Wall Mount Kit Specifications (VESA)

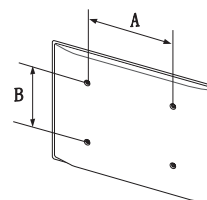
The wall mount kit is not supplied, but sold separately.

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

NOTE

- Standard dimensions for wall mount kits are shown in the table below.
- Samsung wall mount kits contain a detailed installation manual. 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.
- Our 57" and 63" models do not comply with VESA Specifications. Use Samsung's dedicated wall mount kit for these models.
- Do not mount the TV at more than a 15 degree tilt.
- Always have two people mount the TV onto a wall.

Product Family	TV size in inches	VESA screw hole specs (A * B) in millimeters	Standard Screw (Length* Pitch in mm)	Quantity
LED-TV	28	100 X 100	M4	4
	40	200 X 200	M8	
	48	400 X 400		



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 Avoid the TV from Falling

1. Put the screws into the clamps and firmly fasten them onto the wall. Confirm that the screws have been firmly installed onto the wall.

 You may need additional material such as an anchor depending on the type of wall.

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

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.

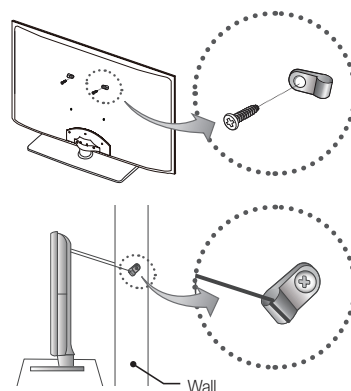
 Screws may not be supplied with the product. In this case, please purchase the screws.

3. Connect the clamps fixed onto the TV and the clamps fixed onto the wall with a strong string and then tie the string tightly.

 NOTE

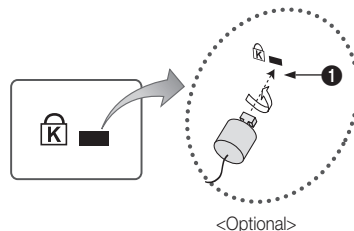
- Install the TV near to the wall so that it does not fall backwards.
- It is safe to connect the string so that the clamps fixed on the wall are equal to or lower than the clamps fixed on the TV.
- Untie the string before moving the TV.

4. Verify all connections are properly secured. Periodically check connections for any sign of fatigue for failure. If you have any doubt about the security of your connections, contact a professional installer.



Anti-theft Kensington Lock

The Kensington Lock is a device you can use to physically fix a TV to a location when you use it in a public place. The appearance and locking method may differ from the illustration at right, depending on the manufacturer. Refer to the manual provided with the Kensington Lock for additional information on proper use.



The Kensington Lock is not supplied by Samsung.

 Please find a “” icon on the rear of the TV. A Kensington slot is beside the “” icon.

To lock the product, follow these steps:

1. Wrap the Kensington lock cable around a large, stationary object such as desk or chair.
2. Slide the end of the cable with the lock attached through the looped end of the Kensington lock cable.
3. Insert the locking device into the Kensington slot on the product **1**.
4. Lock the lock.

 These are general instructions. For exact instructions, see the User manual supplied with the locking device.

 The locking device has to be purchased separately.

 The location of the Kensington slot may be different depending on the TV model.

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	HG28NC670 HG28NC677	
Display Resolution	1366 x 768	
Screen Size (Diagonal)	28" Class (28.0" measured diagonally)	
Sound (Output)	5W x 2	
Dimensions (WxHxD)		
Body	25.3 x 15.6 x 2.5 (inches) 643.4 x 396.5 x 62.9 (mm)	
With stand	25.3 x 17.1 x 6.4 (inches) 643.4 x 435.0 x 163.4 (mm)	
Weight		
Without Stand	9.2 lbs (4.2 kg)	
With Stand	10.8 lbs (4.9 kg)	
Stand Swivel (Left / Right)	0°	
Model Name	HG40NC670 HG40NC677 HG40NC678	HG48NC670 HG48NC677 HG48NC678
Display Resolution	1920 x 1080	
Screen Size (Diagonal)	40" Class (40.0" measured diagonally)	48" Class (47.6" measured diagonally)
Sound (Output)	10W x 2	
Dimensions (WxHxD)		
Body	35.8 x 21.0 x 2.6 inches (908.2 x 532.9 x 64.8 (mm))	42.3 x 24.7 x 2.6 inches 1075.1 x 627.5 x 65.5 (mm)
With stand	35.8 x 22.7 x 8.9 inches (908.2 x 577.6 x 226.5 (mm))	42.3 x 26.5 x 8.9 inches 1075.1 x 673.5 x 226.5 (mm)
Weight		
Without Stand	16.8lbs (7.6kg)	24.0lbs (10.9kg)
With Stand	24.0lbs (10.5kg)	30.4lbs (13.8kg)
Stand Swivel (Left / Right)	20° / 60° / 90°	

 Design and specifications are subject to change without prior notice.

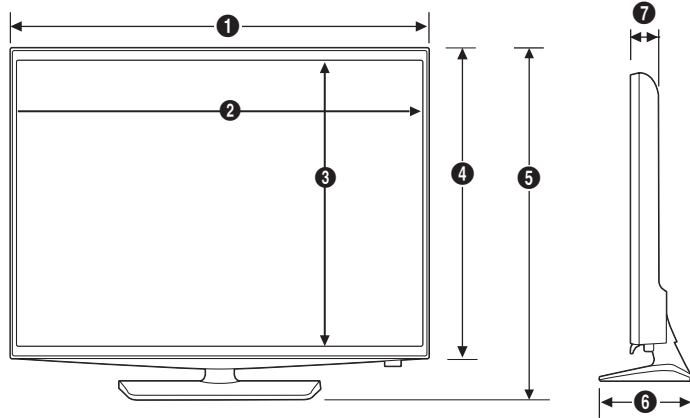
 This device is a Class B digital apparatus.

 For information about the power supply and more information about power consumption, refer to the label attached to the product.

Dimensions

HG28NC670 / HG28NC677

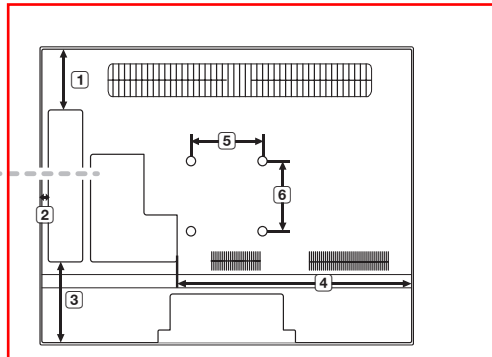
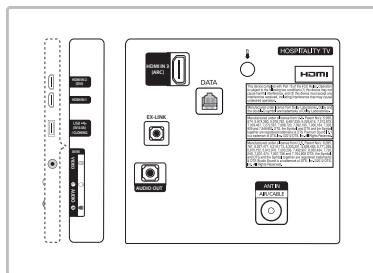
▪ Front view / Side view



(Unit: inches)

1	2	3	4	5	6	7
25.3	24	13.7	15.6	17.1	6.4	2.5

▪ Jack panel detail / Rear view

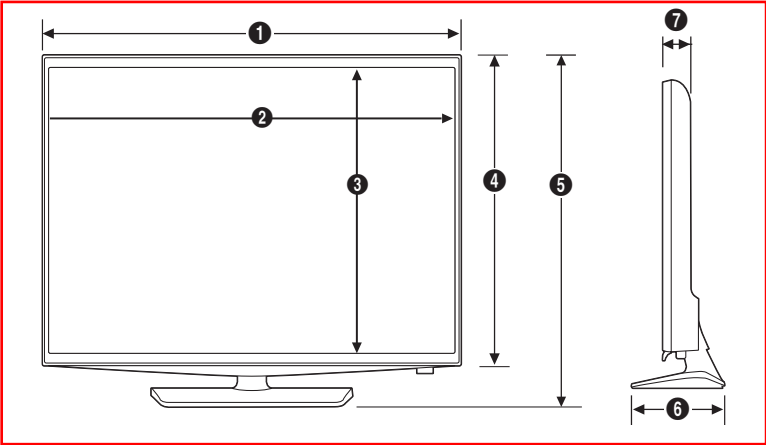


(Unit: inches)

1	2	3	4	5	6
5.9	3.2	4.0	15.5	3.9	3.9

HG40NC670/HG40NC677/HG40NC678

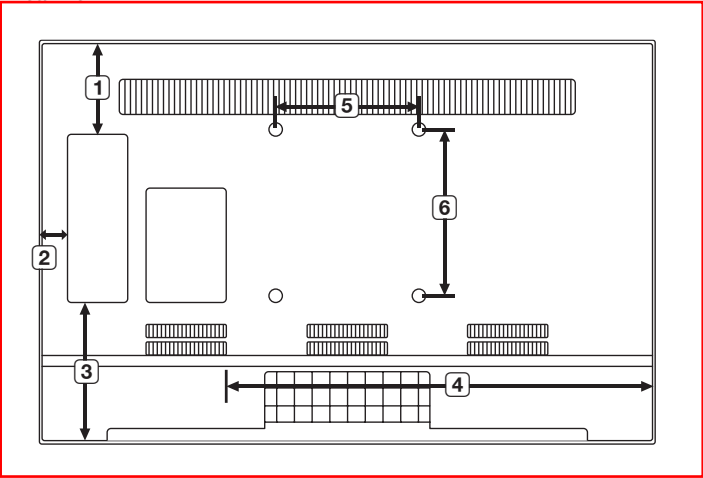
▪ Front view / Side view



(Unit: inches)

1	2	3	4	5	6	7
25.3	24	13.7	15.6	17.1	6.4	2.5

▪ Jack panel detail / Rear view

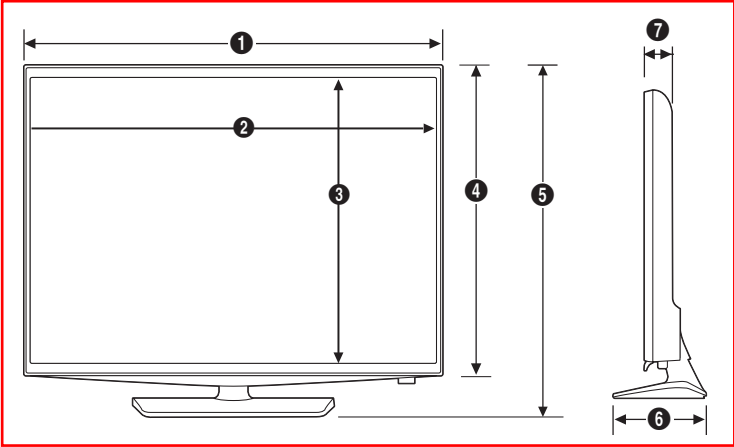


(Unit: inches)

1	2	3	4	5	6
9.9	6.3	7.1	26.8	7.8	7.8

HG48NC670/HG48NC677/HG48NC678

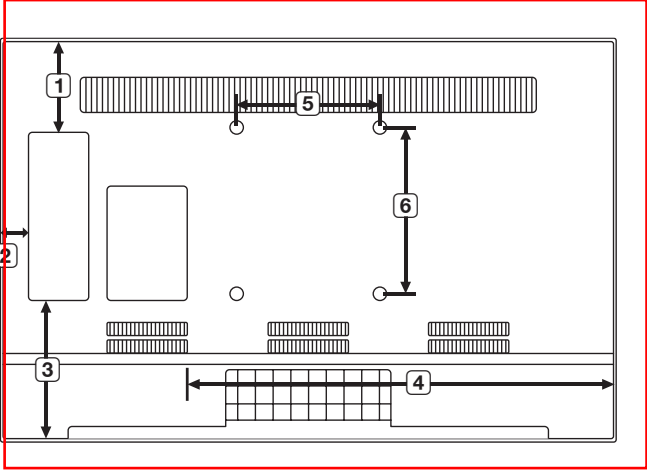
▪ Front view / Side view



(Unit: inches)

1	2	3	4	5	6	7
42.3	41.6	23.4	24.7	26.5	8.9	2.6

▪ Jack panel detail / Rear view



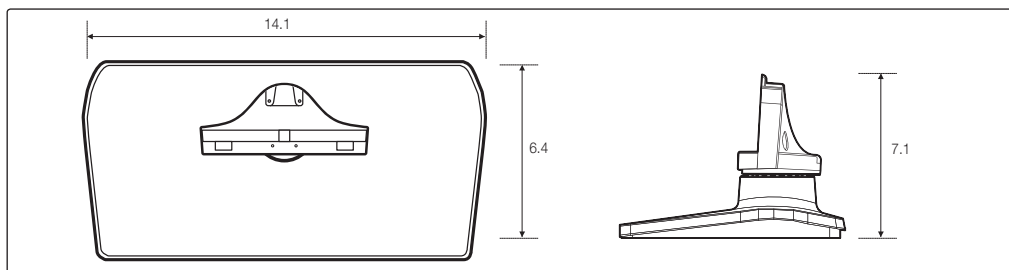
(Unit: inches)

1	2	3	4	5	6
7.3	1.6	8.7	30.2	15.7	15.7

- Base Stand detail

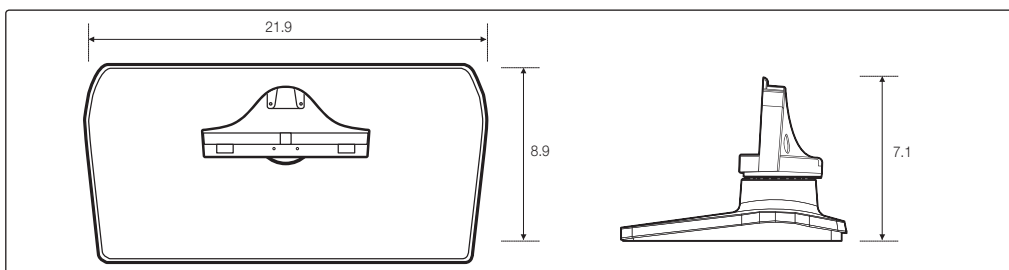
HG28NC670 / HG28NC677

(Unit: inches)



HG40NC670/HG40NV677/HG40NC678/HG48NC670/HG48NV677/HG48NC678

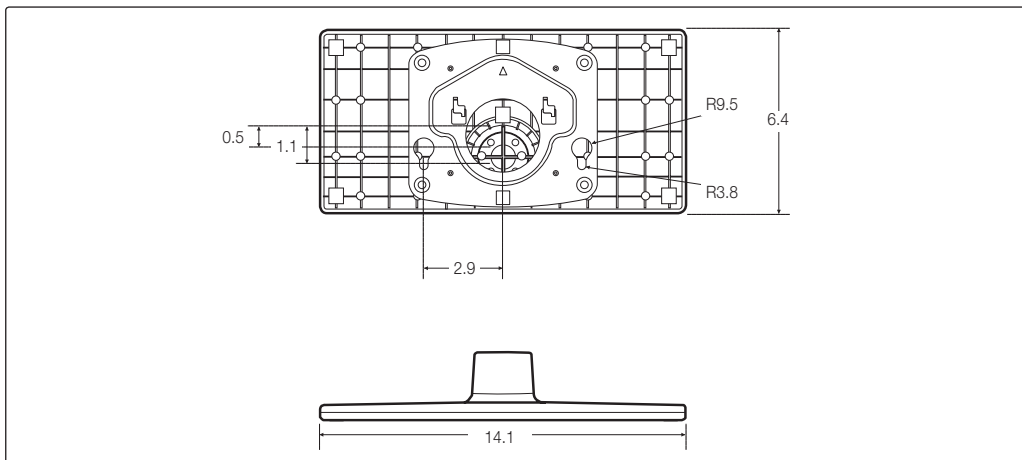
(Unit: inches)



- Base Stand detail

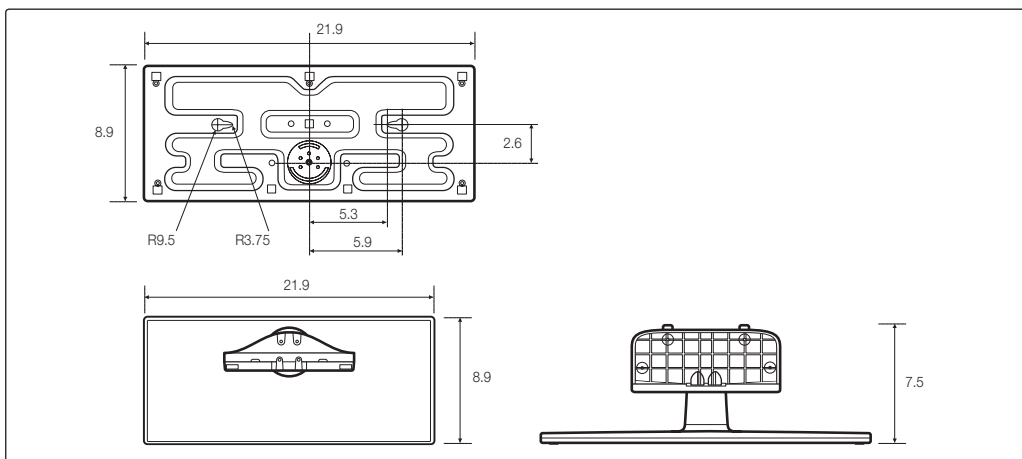
HG28NC670/HG28NC677

(Unit: inches)



HG40NC670/HG40NV677/HG40NC678/HG48NC670/HG48NV677/HG48NC678

(Unit: inches)



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

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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.

Important Warranty Information Regarding Television Format Viewing

See the warranty card for more information on warranty terms.

Wide screen format LED Displays (with aspect ratios of 16:9, the ratio of the screen width to height) are primarily designed to display wide screen format full-motion video. The images displayed on them should primarily be in the wide screen, 16:9 ratio format, or expanded to fill the screen if your model offers this feature, and the images are constantly moving. Displaying stationary graphics and images on screen, such as the dark sidebars on nonexpanded standard format television video and programming, should be limited to no more than 5% of the total television viewing per week.

Additionally, viewing other stationary images and text such as stock market crawls, video game displays, station logos, web sites or computer graphics and patterns, should be limited as described above for all televisions. Displaying stationary images that exceed the above guidelines can cause uneven aging of LED displays that leave subtle, but permanent burned-in ghost images in the LED picture. To avoid this, vary the programming and images, and primarily display full screen moving images, not stationary patterns or dark bars. On LED models that offer picture sizing features, use these controls to view different formats as a full screen picture.

Be careful in the selection and duration of television formats used for viewing. Uneven LED aging as a result of format selection and use, as well as burned-in images, are not covered by your Samsung limited warranty.

- **SAMSUNG ELECTRONICS NORTH AMERICAN LIMITED WARRANTY STATEMENT**

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

The above described warranty repairs must be performed by a SAMSUNG Authorized Service Center. Along with this Statement, the Original Limited Warranty Statement and a dated Bill of Sale as Proof of Purchase must be presented to the Service Center. Transportation to and from the Service Center is the responsibility of the purchaser. Conditions covered are limited only to manufacturing defects in material or workmanship, and only those encountered in normal use of the product.

Excluded, but not limited to, are any originally specified provisions for, in-home or on-site services, minimum or maximum repair times, exchanges or replacements, accessories, options, upgrades, or consumables.

For the location of a SAMSUNG Authorized Service Center, please call toll-free:

– In the United States : 1-866-894-0524

– In Canada : 1-800-213-8513

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