SAMSUNG

USER MANUAL

Please read this manual carefully before operating your unit and retain for future reference.

804106852

Before Reading This User Manual

This TV comes with this also interrupt and an embedded e Manuel (🍅 > 😑 Menu > 🕸 Settings > Support > Open

Warning! Important Safety Instructions

Please read the Safety Instructions before using your TV Refer to the cable below frown explanation of symbols which may be an your Samsung or aduct.

CHITICIN

ALKO THE RESTRICK DONOR GAIN.

CAUTION TO REDUCE THE RISK OF ELECTRIC SHOCK. DOLLOT REMOVE COVER YOR BACKS THERE ARE NOUSET SERVICEABLE PARTS MISIDE REFER 4... SERVICING TO QUALIFIED PERSONNEL.



This symbol indicates that high voltage is: meent me de it is dangerous to make are and of contact with any internal part of



his workel indicates that this promotas included important (terature concerning operation and maintenance. Dassilligraduct, This symbol indicates



that a safety connection to electrical sorth. (ground) is not required. If this symbol. a not present on a product with a power para, the product MUST have a reduble connection to protective earth (ground).



AC voltage: Rated voltage marked with this symbol is AC valtage.



bit college Rater voltage marked with this symbol is OC voltage.



Caution Consult retructions for use: This symbol instructs the inerito core; if the per menna for further safety related. information.

Power

- De not everined exclusionars, actura on or de, or adaptora. beyond their voltage and capacity. It may cause live or electric shock. Perento the power specifications section of remains, and/or inepowers apply lacel on the product for voltage and amount perinformation.
- Power supply conds should be placed so that they are not likely to be welked no or promed by flents placed upon or against them. Foy cartiou prottention to cords at the plugend, at wall ouldets, and at the point where they exit from requience
- Nover insert anything metallic into the open parts of this. anneratus. This may be use electric shorts.
- Townsiebs (his body never such the inected bits.) apparatus. Only a qualified technic on should open this acceratus
- Besure to plug in the power conduction is firmly seeded. When unplugging the sower cord from a wait outlor, always pull on the power cords plug. Never unplug, titycultury on the power part. Do not to, or the rower and with were break.
- fifthis apparatus does not operate normality- in particular. fithe elementary a usual scarakor smollscoming from its unplugit immediately and contact a service person
- To protect this apparatus from a lightning storm, or to esvelt unartended and unused for a long time tespecially. where kid the elderly or the disabled is left alone, be sure to unally it from the wall outlet and disconnect the antenna pricable system.
 - Abunimiated dust carronice an electric electrical electric loakage, and fire by causing the power core to generate sperior and heat or to causing the insulation. in rebettrale
- Use only a property grounded pluggant wall puriet. An improper ground may cause electric shock or
- equipment damage. Class Equipment only,
- Torum off this apporatus completely disconnect: the wall out et. lic eneure you can unplug this appendits. quoidy if perevady, make smell rat the wall dutlet and power play are leadly accessible

- Do not place this apparatus near proven a raciator or heat register, or where it is exposed to other workight.
- Do not also sessels because to found a may work on this. apparatus, visitles carriesoft in a Tre cradectric shock.
- De not expose tris acceptance rainor moisture
- Bersully to contact an authorized Samsung service center. for information if you intend to install your TV in a location. with heavy dust, high onlow temperatures, high numidity. chemical substance, or where it will operate 24 hours will konstudi ve iden emport, e transfar on, etc., albine to dir. an may lead turse; possibility age (bypour TV)
- Du not apprese this apparatus to dispuring pospilar inc.

Mounting the TV on a wall.



Dycome neiths (Vintewell, follow) the instructions exactly as set out by the menufacture. Citia rotion actlymoursal, the Tymes side or fall and cause soricus. injuly to a child or adult and serious demage. to reTail

 Samsung Electronics is not responsible for any demage to: the product or injury to yourself anothers if you choose to retall the wall mount phyour pwn.

NOTE: The image shown here is for illustrative purposes only and may be subject to change.

- Semigrica no fabre for product damage or personal. nonywhere nor-Wisku con-aperiadwal, court is: elector when the consumer fails to follow the product ustablem introductions.
- You can it stall your wall menot on a solid wall. perpendicular to the floor. Before attaching the wallmount to surfaces other than plaster board, contact your nearest dealer for additional information, if you install the TV and certing or democratically, it may historic reach in severe personal injury.
- When installing a wall mount is tower accommand you. Instan all four VESA screws.
- Egos ward turneally walling an 38 that a bigne to the wall using two top scrows only, be sure to use a Samsun, wall mount alteratisupports this type of installation. (You may not be able to curchase this type of wall mount bit. depending on the geographical region.)
- + Doingt mount the TV at more than a 15 degree till.
- Standard dimerelons forwall mount kits are shown in the faller of the Duck Setup Guide.



Do not install your wall mount kit while your TV is furned on. This may result in personal injury rom electric shock.

- Confoliase screws that are longer than the standard dimension or donot comply with the VLSA standard server specifications. Screwell full are bollons may cause damage to the inside of the TV set.
- For wall mounts that do not comply with the VESA. standard scrowspechications, the langth of the scrowsmay differ depending on the wall mount specifications.
- Conciliasion the screws too Birmly. This may camage the postuct or cause the product to fall, leading to personal many femision, is not published for these kinds of excidents. Always have two goople mount the Tylento a wall.
- For 82 inch or larger models, have four people mount. the IV onto awall.

Providing properventilation for your TV

When you in each your TV maintain a distance of at least A inches (10 cm) between the Tyland other objects twelfacobinet sides, etc.) to ensure proper ventilation. Failing to maintain proper ventilation may result in eitire or a problem. with the conduct raised by an increase in its internal

 When you ustall your 19 with a standar a wall mutof, we scong you omment you use cents provided by Samsong Electronics only thangper a provided by another manufacturer may cause difficulties with the production result in injury caused by the product failing.

Safety Precaution



Out in Falling disting a conting or the TV may cause the TV to fell. In perfiguiar, ensure y purchi direcido noti-Pengonordes actives re the link action may cause the "Victor over classing serious inturies or death, Followal). safety precautions provided in the Safety. Riger Incurrence thryour IV. Accorded stability and soliday you can concress and install the anti-tip device, referring ig Preventing the "Vinor Hung.



wARMING: Neverplace a television set in an unstable location. The television set mexically causing secons personal highly in methr Nany in unes, particularly to different can be excided. by to Mina simple proceditions such as

- Assays user shirety or standard misuring methods. wordmender, by Sanson G.
- A ways use full floure that can sofely support the television.
- 4 says ensure the releason set is not internanting by the Lige of the supporting furniture.
- A ways educate children about the dangers of cumbing. continuate to see the television set of scortings.
- Always must purels and causes configurable to you. toler/sign so they cannot so thioped over, pulled or
- grabbet. Reverplace a television set man unsvarie location.
- Neverplace the tadevision set metal if umitary (for example, supbeares or beditables (without anchoring) both the further and the taley's on set to a suitable
- Novemblace the to evision so transport programmaterials that maybe lebated between the relevision set and greport no bern bute.
- Recomplete thems that much the most children for inclisuch as toyour dire note controls, on the topic' the television or f, in bite in which the relevision top aced.

Ultressing teleparated working of environment and refocation, the same considerations as a poce should be

 When you have to relocate or lift the TV for replacement or dearing became not to pull out the stand.

Preventing the Ty from falling:

Williams us (not supplied).

1. Using the epitrophieles never, finish lasten exet in nerkely is the well-fire from the the spreasure fining. attached to the wide

You may must additional material such as wall anchors. depending on the type of wall.

2. Using the appropriately sloed screws, firmly freteria set of net kele li the 19. For the solewispecifications, rofe, to the storidard.

- strewpart in the lable on the Guick Satup Guide. 5. Connect the markets fixed to the "Variotite fractets." sed to the well with a double beavy-only string and there he the sharp and gholy.
- Install the TV near the wall so that it does not fail.
- Connect the string so that the brackets fixed to the wallere at the same beight as or howe than the brackers fixed to the Ta-

Operation

- This apparatus uses better as anyour community, there mech, be a ryele memal repulations that require you to discossi of these batteries of openy. Please contact your local authorities for disposal or recycling information.
- Store the accessories (remote control lorency in a location) entabled that the reach or children.
- Donot drop pristure the product if the conduct is: damaged, disconfract the power cord and contact a Samsung service center.
- Do not dispose of remote control or patter as in a fire.
- Do not short-circuit, disassemble, or gravinest the furtheries.
- CAUTION: There is danger of an explosion if you replace. the batteries used in the remote with the arrong type of battery. Replace only with the same prequivelent type.
- WARNING-TOPREVENT THE SPREAD OF FRE ASSPCANDLES AND OTHER ITEMSW/TEOPEN - LAWES AWAY FROM BUSEROOLK LALAUT IMES.

Caring for the TV

- + To clean this apparatus, unplugithe dowercord from the wall outlet and wipe the product with a soft, dry ciath. Do not use any chemicals such as way, hargane, aboutof, thinners, insectioide, ethinesheners, funnitarity, or description. These thermals rendering the appearance of the Pepreside Lie printing on the product.
- The exterior and screen of the TV can get scratched during: cleaning. Be sure to wipe the exterior and screen carefully. teling a sort cloth to brevent scratches.
- Donot spray water or any doubt directly onto the TV Any. liquid that goes into the product may take a failure, fire, or electric shape

Internet security

Sameling takes a number of steps to protect its internetcompetible Smart TVs against unput/horized incursions and hacking. For example, certain sensitive communications. between the TV and the Internet servers are encrypted Inadolftion, the TV's operating system has adopted controls to prevent the installation of linal thorized applications. Although we take steps to protect your Smart. Mandpersonal information, rolinte messagnes techniques or or Caremission is completely secure. We therefore encourage vel, to take additional stees to safeguard your TV secure your internet connection, and minimise the risk of uncut torized. access. These steps are listed below:

- When Samsling releases software updates to improve. the security of your TV, you should promptly install these opcabe. To a itematically receive these updates, turn on Auto Update in the "Visiment (政) · 囯 Ment. > (例) Settings > Support > Software Update > Auto Update L When an update is evaluable, a popup message appears on the TV screen. Accept the software download and appliete by execting fee when counciled, take steps to secure your wireless agoes a point and instwork. Your access points manual should provide additional details. about how to implement the following measures:
- Secure your wireless access point's management. settings with a unique password to prevent unauthorized changes to sepurity related settings.
- Implement standard encryption (e.g. WP42) encryptions on your wheless access point to secure your wireless network signal,
- Secure accepts to your wireless network with a hard-forquees pressonni.
- Confirmyour access point's firewell secting is enabled of ecoquiped).
- Make sure that all your internet-corrected devices are bahindyour notivor kis finewall.
- flyour access point or modern has a standby mode. hutton, use this disconnection in home network from the internet when it is not in use.

Use strong passwords for all your internet accounts.

- Mettic Facebook, etc.) Farryunespertectmeseaces appear on your Paymeen. requesting permission to link a device or a rable a remote session, do NOT accept.
- Its not visit suscintors web sites and do not metall, any suspidious programs. We recommend that users install. only those authorized agos provided by Samsung through ServingSmet his

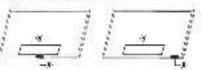
01 Initial Setup

When you turn on your Ty for the first time, Limited stray starts the initial Setup. Pallow the instructions displayed on the serious and configure the TV's basic settings to suit your viewing environment.

Using the TV Controller

You can turn on the TV with the TV Commoller button at the bottom of the TV and then use the Control manu. The Control menu appears when the TV Controller outpon is precediation on TV NO:

The screen may blin if the protective film on the SAMSUNG logo or the bottom of the TV is not removed. Messe remove the protective film



(A) Control men. (B) IV Coronal er numant/ Remobe control serejor

Setting the sound sensor

 This function is supported only 1-07/E/08-B/ 1948/18-13-WH Se 15.



You can turn on proff the sound sensor by asing its button at the bottom of the TV

With the TV on, push the button to the left tor back to burn. the sound sensor en or to the right for forward) to turn it. off Septime oping window on the Tyte check whather the sound sensoris for led on unoff.

- The position and shape of the equipher springs differ. depending on the model
- Ouring analysis using data from the sound sensor, the data is not saved.

02 Troubleshooting and Maintenance

Troubleshooting

For more information, refer to "Trouble shooting" or "FACC" in the e-Menua.

S = Meno (Settings) Support > Open a-Manual >. routeshooting or FAC

If none of the troubleshooding ties apply, please visit, lwww. samsung.com, and click Support or contact the Samsung. service center.

- This TFT LEO panel is made up of sub-pixels which require. sophisticated behablogy to and use. There may be travezer, a few origital or dails pice board the screen. These pivels will have reimpact on the performance of the
- To keep your TV in getimum conclution, upgrade to the latest software. Use the Update Now or Auto Update functions on the TV's menu @> ☰ Menu + 像 Settings > Support > Software Jodane > Update Now or Auto-

The TV won't turn on.

- Make sure that the power cord is sequirely old gged in his he IV and the wall putlet.
- Make sure that the well outlet a working and the remote. control sensor at the bottom of the 1V is lit and glowing.
- Inverses on the IV Controller button at the basion of the Twite make sure that the problem is not with the remote. control. If the Tyrums on, refer to "The remote control. does not work?"

The remote control does not work.

- Check if the remote control sensor at the coltum of the Yutuks wirenyorpess the (Chatter and weemste-
- When the remote's battery is discharged, charge the battery using the USE changing port K. Aype), or turn aventhe remote to excise the sourcel in light.
- hypointing the remote directly at the Cyfronn 5 ft. to 4 ft. 1.5 (8 m) sway.
- PyourTV came with a Samburg Smart Remote IB Judgeth Remote), make sure to pain the remote to the 19, to pain a Semanog Schoot Permitte, press ther⊜land (€) customs. together for 3 seconds.

Eco Sensor and screen brightness

Box Sansonadjusts the brightness of the TV autonotically. This feature measures the light in your room and optimizes. the brightness of the TV autometically to reduce power. consumption. If you went to turn this off; go to @ > ≡ Menu . Streetings 2 At Settings : General & Privacy : Power and

Energy Saving > Brightness Optimization. The eco sensor is located at the bottom of the TV. Do. not place the sensor with any object. This can decrease picture brightness.

03 Specifications and Other Information

Specifications

Display Resolution

3840 x 2150 Sound (Duteut)

Q6*B/Q7*B Series, 20 W Q818 Series 60 W(501, 40 W) CONSIDE Series 60W

ONESSED Service 2010 QN908A Series: 50 W (43": 20 W; 50": 40 W) QN9080 Series: 70 W (43% 20 W, 50% 40 W)

Operating Temperature 50°F to 104°F (10°C to 40°C) Operating Humidity 10 % to 50 %, non-condensing Storage Temperature 4 *9 to 113 °F (20 °C to 45 °C)

Storage Humidity

5% to 95% non-condensing

- This device is a Class Biological apparatus.
- For information about the power supply, and more. Information about power consumption, refer to the Information and he label attached to the product.
- On most models, the label is attached to the back of the TV ICh some models, the label is inside the cover terminal)

To connect a LANcobie, use a CAT7 (*STP type) cable for

the connection, IICB/10 Mbss) * Shielded Twisted Pair The images and specifications of the Ouick Setup Guide.

may differ from the actual product.

Decreasing power consumption When you shut the TV off, it enters Standby mode, in Standby mode, it continues to draw a small amount of power. Todecrease power consumption, unplug the power cord when you don't intend to use the TV for a long time.

The terms HDMI and HDMI High-Definition Multimedia. Interface, and the HDML ago are trademarks or registered. trackmerks of HOMI Deersing Administrator, Inc. in the United States and other countries.

About the Samsung SolarCell Remote (Samsung Smart Remote)

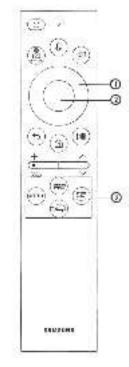
The Accessibility Shortcuts but to non-your remote provides easy access to the access binty functions on your TV.

For hattery rounding on to call@recycle.org. or call? 900-822-8857











Fire or explosion may occur, resulting in damage to the remote control or personal injury.

- Do not apply shock to the remote control.
- Decareful not to be foreign substances such as metal, liquid, or must come in contact with the charging er minal of the remote control
- When the remote control is damaged pryou smell smoke or burning furnes, immediately stop operation. and then repair that the Samsung service tenter.
- Coinct arbitrarity disassemble the remote control.
- Becareful not to be infants or pets suck orbite the remote coronal. Fire or explosion may occur resulting in. damage to the remote continuor personal injury.

NOTE: The remote control vary depend of model: The buttons on remote control may have a different name or

location than the remote control shows in this manual.							
Button	Description						
(Poetr)	Press to turn the TV on profit for The frame model, When watching TV press to switch to Art mode in Art mode, press switch to the Media Home, Press and hold to turn off the TV completely.						
(C) (Volco Assistant)	Runs voice Assistant, Press and hold the button, say a command, and then release the button to run Voice Assistant. • The supported Voice Assistant's longuages and heatures may differ by geographical agion. A. Roep the remote more than 0.6 inches (*5.24 mm) from your face when using and speaking to voice Assistant through the micron the remote.						
(\$):Sentings Number - Color Incitor()	Bach time you press this button, Settings menuity riust numeric pad / Option pad with Color outdons are displayed alternately. Use this buttoo to access additional options that are specific to the feature in use. Press to bring up the virtual numeric pad on the screen, Use the numeric keypad to enternumeric values. Select numbers and then select Done or Enter Number to enter a numeric value, Use to change the channer, enter a EPS, enter a ZPC code, etc.						
(Mold View)	Press the button to directly onto: the Multi-View function						
① Directional button tup, down, laft, right)	Use to nexigete the menu or move the focus to highlight items on the Home Scrott.						
® Seatt	Selects or runs a focused item. When pits sed while you are watching a broadcast program, detailed program informet on appears.						
(S)(Ret.,mi)	A excitor exum to the previous monu. When pressed for I second or more, the running fun- sitor minated. When pressed will beyou are watching a program, the previous channel app						
@Snat Hubi	A was no switch to the Media Home. From the Ambient Mode screen, cross to switch to the Ambient Mode Home. For The Frame model, in Art mode, press to switch to the Art Home.						
⊚ (Play/pause)	When presset, the playback controls appear, i. Sing these controls, you can control the media content that is playing. To use Same Bar, press and hold the button in Game Mode. • Game Bar may not be supported depending on the model or geographical area.						
+/-tVotume)	Move the bottom up or down to adjust the volume. To more the sound, press the button.						
∧/∨(Channel)	Nove the button up or down to change the channel. To see the Guide streen, press the builties and hold the button up or down to quickly change the channel.						
(3) (Launch app Eutton)	e. Available agos may differ depending on the geographical area or contents provided.						
⊕+@(Paring)	if the Samsung Smart Remote does not painto the IV automatically, point it at the from of the IV, and then press and hold the Coancil Politicus simultaneously for 3 seconds or more.						

Use the Samsling Smart Remote less than 20 feet (6 m) from the LV. The usable distance may vary with the wireless

- The Images, buttons, and functions of the Samsung Smart Remote may differ with the model or geographical size.
- The Universel Remote function operates normally only when you use the Samsung Smart Remote that comes with the
- It is recommended to use an original Samsung charge: Otherwise, it may cause performance degree ation or failure of the product, in this case, the warranty service is not applicable.

When the remote commol does not work due to low pattery, charge it by using this USB. If type port.

Using Accessibility Functions (may differ with model) Accessing your TV's accessibility functions

The Accessibility Shortcuts button on your remote provides easy access to the accessibility functions unyour 19.

- Press and haid the Volume button to display the Access billty Shortcuts menu.
- Some functions may not appear depending on the access method.

Voice Guide Settings

You can activate yours guides that dosor be the manulaptions aloud to ald the visually impaired. To activate this function, set Valce Guide to On. With Voice Guide on, the TV provides voice guides for channel change, volume adjust, information on current and upcoming programs, schedule viewing, other TV functions, various content in the Web Browser, and in Search

- You can configure the volume, speed, pitch, and level of the Voice Guide
- The Mode Guide is provided in the language that is specified on the Language scream. English is always supported. However, some languages are not supported by Voice Guide even though they are listed in the Language screen.

TV Background Volume

Audio (Video) Description

By default, the values of the broadcast content is set to be low so that you can near the voice guide clearly. When the content volume is too low while the voice guide is coming out, you can adjust the content volume.

or ly available with hose leasts that provide this service. NOTE: The image shown here is for illustrative purposes only and

You can activate an audio guide that provides an audio description of video scenes for the visually impaired. This function is

may be subject to change.

Caption Settings

Set Caption to On to watch programs with the captions displayed.

- Captions are not displayed by programs that do not support captions:
- This function has no relationship with the features for controlling subtities of DVD or Blu-ray players. To control DVD or Bluingy subtities, use the subtitle feature of the DVD or Bluingy player and the player's remote control.

Separate Closed Caption

You can display the caption in the area separated from the broadcast screen.

Caption Mode

- Default / CCI CC4 / Text1 Toxt4
- Operates in either analog TV channel, mode or when a signal is supplied from an external device to the TV (Depending on the broadcast signal, the analog caption function may or may not work with digital channels.)
- Default / Service1 = Service6 / CC1 = CC4 / Text1 = Text4
 - Works with digital channels. These functions may not be evaluable in cigital caption mode depending on the broadcest.

Digital Caption Options

You can change the font color; background color; size softings, and position, etc.

- The foreground and background colors and opecity settings cannot be the same.
- The Position function is activated only for programs that support broadcast captions.

Sign Language Zoom Settings

You can adom in the sign language screen when the program you are webthing provides it First, set Sign Language Zoom to On, and then select Edit Sign Language Znom to change the position and magnification of the sign language screen.

Sign Language Guide Settings

Provides a description of menuitems with sign language

Learn TV Remote

this function notice inclyiduals with a visual impairment to lear in the positions of the buttons on the remote control. When this function is activated, you can press a button on the remote control and tille TV will tell you its name. Press the 🕥 (Return) button twice to exit Learn TV Remote.

Learn Menu Screen

Lasen the manus on the TV street. Once enabled, your "V will tell you the structure and features of the ments you select."

Turn of the TV screen and provide only sound to be use overall power consumption. When you priss any outton on the remote control with the screen off, the TV screen is inclumed to an.

Multi-output Audio

You can turn on the TV speaker and a Blue tooth device at the same time. When this function is active, you can set the volume of the Bluebooth device higher than the volume of the TV speaker.

This function may not be supported depending on the model or goographical area.

High Contrast

You can change major service acreers to white text on a back background or change the transperent. "Vimenus to braque so that text can be more easily read. To activate this function, set High Contrast to On

You can enlarge the size of the font on the screen. To activete, set Enlarge to On.

Grayscale

You can change the color of the TV screen to a black and white tone to sharper plumed edges caused by colors.

- If Grayscate is on, some Accessibility menusiare not available.
- This function may not be supported depending on the model or geographical area.

Color Inversion

You can invert the cotors of the text and background for the setting menus depleyed on the TV screen to make it easier to

- f Cotor Inversion is on, some Accessibility menus are not available.
- This function may not be supported depending on the model or geographical area.

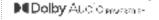
Remote Button Repeat Settings

You can configure the appraisan speed of the remote control buttons so that they slow cown when you continuelly press and hold them. First, set Slow Button Repeat to On, and then adjust the operation speed in Repeat Interval.







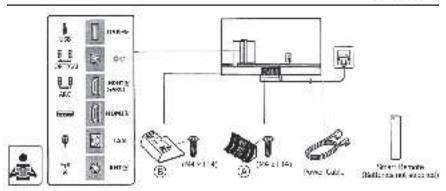


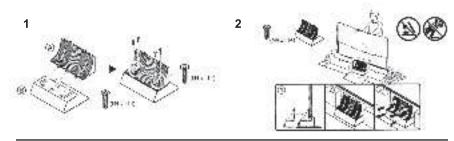


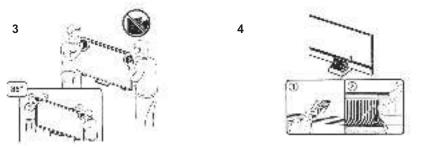
SAMSUNG QUICK SETUP GUIDE

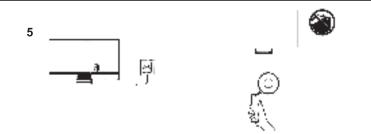


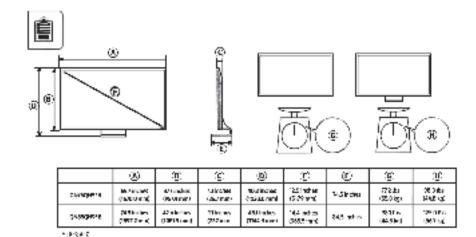
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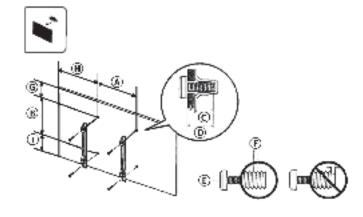












	VESA(A) a (Branco	(Chinant)	@	(E)x4	(E)root	@Sades	(fi) track	(j) (ir mes)
Q475 Q45*0	400 : 400	11-13	ı (<u>€</u>)+∗	NS	125	9.6	25.0	12.3
QN89QW*8	600 x 400	11-12				8.7	25.4	75.2

The cables mentioned in this guide is not supplied with your unit.

Note: The remote control vary depend of model: The buttons on the remote control may have a different name or location than the remote control shows in this manual.

Note: The image shown here is for illustrative purposes only and may be subject to change. The actual number of ports and their locations may vary depending on the model.

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♦ :Wall-Hount Bracket.