

# SONY

# Television BRAVIA

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

804109896

### FCC Related Information

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Pursuant to FCC regulations, you are cautioned that any changes or modifications not expressly approved in this manual could void your authority to operate this equipment.

### Safety and Regulatory

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

- (1) This device must not cause interference.
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

To prevent radio interference to the licensed service, this device is intended to be operated indoors and away from windows to provide maximum shielding. Equipment (or its transmit antenna) that is installed outdoors is subject to licensing.

5 GHz bands are restricted to indoor operations only. This equipment complies with FCC/IC radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines and RSS-102 of the IC radio frequency (RF) Exposure rules. This equipment should be installed and operated keeping the radiator at least 20 cm or more away from person's body (excluding extremities: hands, wrists, feet and ankles).

This device and its antenna(s) must not be co-located or operating with any other antenna or transmitter except Grant condition.

High-power radars are allocated as primary users (i.e. priority users) of the bands 5250-5850 MHz and 5650-5850 MHz and that these radars could cause interference and/or damage to LE-LAN devices.

### Compatible Wall-Mounting Bracket (Not Supplied) Information

Use the following Sony Wall-Mount Bracket with your TV model.

Sony TV Model No.	Sony Wall-Mount Bracket Model No.
XBR-75X900H / XBR-75X90CH / XBR-65X900H / XBR-65X90CH / XBR-55X900H / XBR-55X90CH	SU-WL855

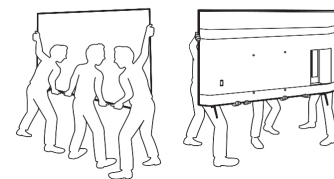
Use with other Wall-Mount Brackets\* may cause instability and could result in property damage or injury.

### Before setting up your TV

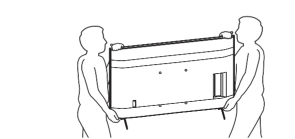
Some TV models are packaged with a detached Table-Top Stand so you can mount your TV to a wall right away. See "Installing the TV to the Wall" if you want to mount the TV to a wall. If you are not mounting the TV to a wall, you will need to attach the Table-Top Stand.

- Be sure to consider the following while setting up your TV:
- Disconnect all cables when carrying the TV.
- Carry the TV with the adequate number of people; larger size TVs require two or more people (three or more people for XBR-85X900H / 85X90CH).
- Correct hand placement while carrying the TV is very important for safety and to avoid damage.

XBR-85X900H / 85X90CH



XBR-75X900H / 75X90CH / 65X900H / 65X90CH / 55X900H / 55X90CH



- Ensure your TV has adequate ventilation, refer to the safety documentation.
- For best picture quality, do not expose the screen to direct illumination or sunlight.
- Avoid installing the TV in a room with reflective wall and floor materials.
- Avoid moving the TV from a cold area to a warm area. Sudden room temperature changes may cause moisture condensation. This may cause the TV to show poor picture and/or poor color. Should this occur, allow moisture to evaporate completely before powering the TV on.

### Securing the TV

Sony strongly recommends taking measures to prevent the TV from toppling over.

Unsecured TVs may topple and result in property damage, serious bodily injury or even death.

### Preventing the TV from Toppling

- Secure the TV to a wall and/or Stand.
- Do not allow children to play or climb on furniture and TV sets.
- Avoid placing or hanging items on the TV.
- Never install the TV on:
  - slippery, unstable and/or uneven surfaces.
  - furniture that can easily be used as steps, such as a chest of drawers.
- Install the TV where it cannot be pulled, pushed, or knocked over.
- Install the TV so that the TV's Table-Top Stand does not protrude out from the Stand (not supplied). If the Table-Top Stand protrudes out from the Stand, it may cause TV set to topple over, fall down, and cause personal injury or damage to the TV.

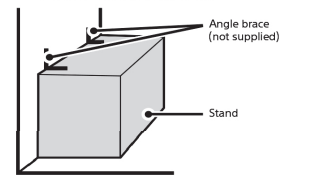


- Route all AC power cords and connecting cables so that they are not accessible to curious children.

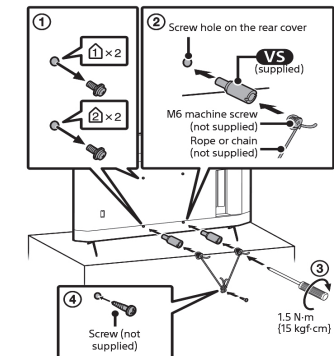
### Recommended Measures to Secure the TV

Consider the following measures when securing your TV to a Stand (not supplied).

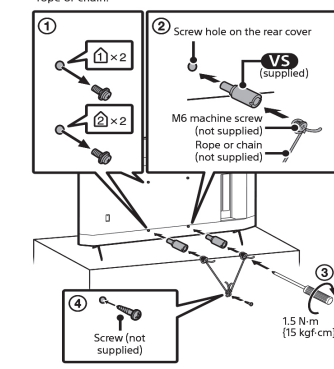
- 1 Secure the Stand for the TV. Make sure the Stand can adequately support the weight of the TV. Use two angle braces (not supplied) to secure the Stand. For each angle brace use the appropriate hardware to:
  - Attach one side of the angle brace to the wall stud.
  - Attach the other side to the Stand.



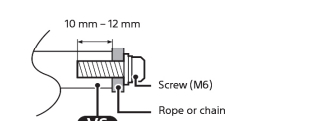
- 2 Secure the TV to the Stand. Use the optional hardware listed as follows (not supplied):
  - M6 machine screws (screwed into the TV's rear cover).
  - A screw or similar (attach it to the Stand).
  - Rope or chain (strong enough to support the weight of the TV. Make sure that there is no excess slack in the rope or chain).



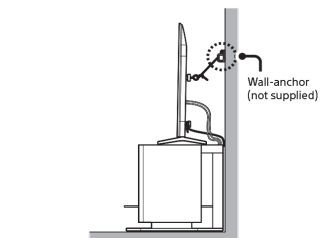
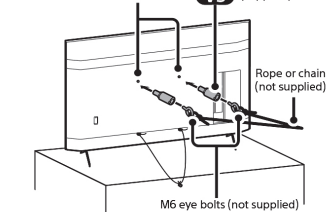
- 2 Secure the TV to the Stand. Use the optional hardware listed as follows (not supplied):
  - M6 machine screws (screwed into the TV's rear cover).
  - A screw or similar (attach it to the Stand).
  - Rope or chain (strong enough to support the weight of the TV. Make sure that there is no excess slack in the rope or chain).



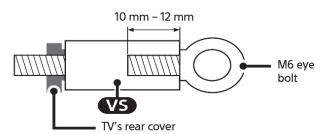
The length of the M6 machine screw differs depending on the rope or chain diameter. Please refer to below illustration.



- 3 Anchor the TV to the wall by using bolts, wall anchor and chain (or rope).



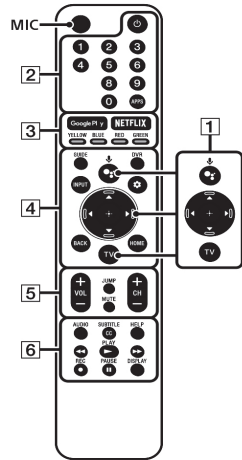
Please refer to below illustration for M6 eye bolt length.



- Note**
- Your TV is shipped with screws attached to the rear of the TV depending on the TV model. (They are fastened in the screw holes for wall mounting.) Be sure to remove the upper two screws prior to anchoring the TV to a wall.
  - Securing the TV to the Stand without securing the TV and the Stand to the wall provides minimum protection against the TV toppling over. For further protection, be sure to follow the three measures recommended.

### Remote Control and TV

The remote control shape, location, availability and function of remote control buttons may vary depending on your region/country/TV model.



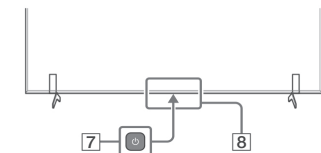
- 1 **Ⓜ**: (The Google Assistant) / **Ⓜ** (Microphone): Use the Google Assistant\*<sup>1,2</sup> or voice search\*<sup>2</sup>. For hints on how to control your TV press **Ⓜ** (the Google Assistant) / **Ⓜ** (Microphone) button and speak the phrase "voice hints"\*<sup>1</sup>.
  - ▲/▼/▶/◀ : On screen menu navigation and selection.
  - TV: Display TV channel list or switch to input.

- 2 **Ⓜ** (TV standby)
- 3 **Google Play / NETFLIX\*<sup>1</sup> / Color buttons**

- 4 **GUIDE**: Display the digital program guide of TV or Cable/Satellite box\*<sup>1,3</sup>.
  - DVR**: Display the Rec list of DVR\*<sup>3</sup>.
  - INPUT**: Display and select the input source, etc.
  - ⚙** (Quick settings): Display Quick Settings.
  - BACK**
  - HOME**

- 5 **VOL +/- (Volume)**
- JUMP MUTE\*<sup>4</sup>**
- CH +/- (Channel)**

- 6 **AUDIO**: Select the sound of multilingual source or dual sound (depend on program source).
- SUBTITLE/CC**
- HELP**: Display the Help menu.
- ◀◀/▶▶/II**
- REC**: Record the currently viewed program on DVR\*<sup>3</sup>.
- DISPLAY**: Display information.



- 7 **Ⓜ** (Power)
- 8 **Remote Control sensor / Light sensor / LED**

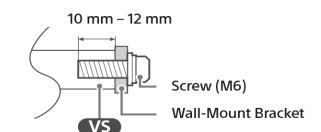
- \*1 Only on limited region/country/TV model/ language.
- \*2 The Google Assistant or voice search requires an Internet connection.
- \*3 [Cable/Satellite box setup] setting is required.
- \*4 Accessibility shortcut is available by pressing and holding MUTE.

### Installing the TV to the Wall

Using the optional Wall-Mount Bracket (SU-WL855 only)\* (not supplied) (Wall mount kit not supplied)

**Preparing for Wall-Mount Installation**  
You can use the Wall-Mount Bracket SU-WL855 (not supplied) to install the TV to the wall. Make sure to attach the Table-Top Stand before installing the TV to the wall.

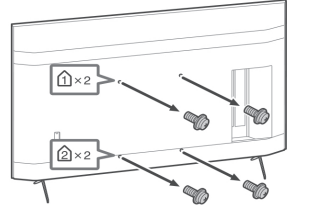
- Prepare the TV for the Wall-Mount Bracket before making cable connections.
- Follow the instruction with the Wall-Mount Bracket for your model. Sufficient expertise is required in installing this TV, especially to determine the strength of the wall for withstanding the TV's weight.
- Be sure to entrust the attachment of this product to the wall to dealers or licensed contractors and pay adequate attention to safety during the installation. is not liable for any damage or injury caused by mishandling or improper installation.
- The screws for Wall-Mount Bracket are not supplied.
- The length of the screw for Wall-Mount Bracket differs depending on the Wall-Mount Bracket thickness. Please refer to below illustration.



- Be sure to store the unused screws and Table-Top Stand in a safe place until you are ready to attach the Table-Top Stand. Keep the screws away from small children.

- \* Only on limited region/country/TV model.
- Note**
- Read the supplied Safety Booklet for additional safety information.

Remove the screws from the rear of the TV.



**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.

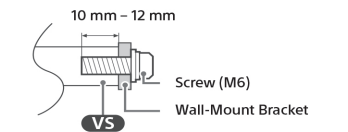
### Using the optional Wall-Mount Bracket (Except SU-WL855) (not supplied)

This TV's instruction manual only provides the steps to prepare the TV for Wall-Mount installation before it is installed on the wall.

Your TV can be mounted to a wall using a suitable Wall-Mount Bracket (not supplied). If the Table-Top Stand is attached to the TV, the TV may require detaching the Table-Top Stand; see "Detaching the Table-Top Stand from the TV". Prepare the TV for the Wall-Mount Bracket before making cable connections.

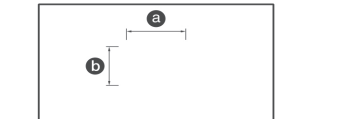
**For product protection and safety reasons, Sony strongly recommends that installation of your TV on the wall be performed by qualified professionals. Do not attempt to install it yourself.**

- Follow the instruction guide provided with the Wall-Mount Bracket for your model. Sufficient expertise is required in installing this TV, especially to determine the strength of the wall for withstanding the TV's weight.
- The screws for Wall-Mount Bracket are not supplied.
- The length of the screw for Wall-Mount Bracket differs depending on the Wall-Mount Bracket thickness. Please refer to below illustration.



- Refer to the following table for wall-mount hole pattern.

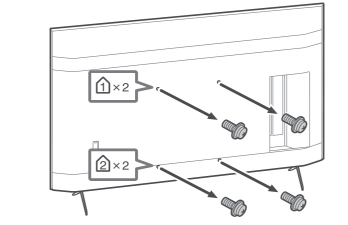
Model Name	Wall-mount hole pattern a × b
XBR-85X900H / 85X90CH	400 × 400 mm
XBR-75X900H / 75X90CH	300 × 300 mm
XBR-65X900H / 65X90CH	300 × 300 mm
XBR-55X900H / 55X90CH	300 × 300 mm



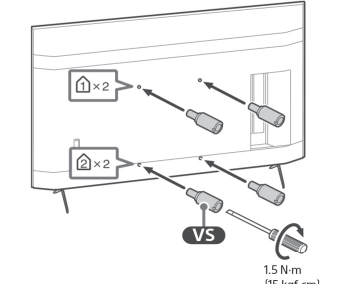
- Be sure to store the unused screws and Table-Top Stand in a safe place until you are ready to attach the Table-Top Stand. Keep the screws away from small children.

- Note**
- Read the supplied Safety Booklet for additional safety information.
- \* Only on limited region/country/TV model.

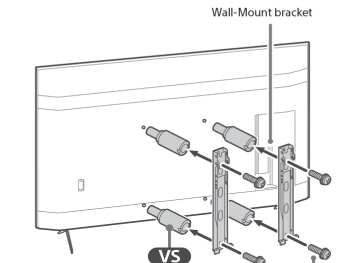
- 1 Remove the screws from the rear of the TV.



- 2 Attach the Wall-Mount Attachment (supplied with the TV) to the rear of the TV (to make it parallel with the wall).



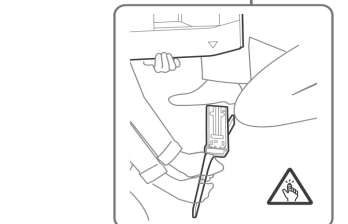
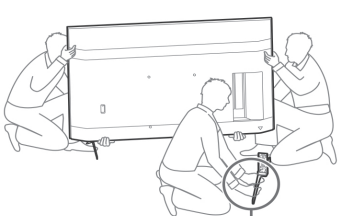
- 3 Attach the Wall-Mount Bracket (not supplied) using the screws (not supplied).



- Note**
- If using an electric screwdriver, set the torque at approximately 1.5 N·m [15 kgf·cm].
  - Be sure to fasten the Wall-Mount Attachment when attaching them to the TV.
  - Use only a flat head screwdriver to install the Wall-Mount Attachment. Use of another tool might result in over torquing the Wall-Mount Attachment and damaging the TV.

### Detaching the Table-Top Stand from the TV

- 1 Remove one side of the Table-Top Stand at a time. Firmly hold the Table-Top Stand securely with both hands while the other people lift up the TV.



- 2 Repeat the previous step and remove the other side of the Table-Top Stand.

- Note**
- Three or more people are required to detach the Table-Top Stand.
  - Be careful not to use excessive force while detaching the Table-Top Stand from the TV as it may cause the TV set to fall resulting in personal injury or physical damage to the TV.
  - Take care when handling the Table-Top Stand to prevent damage to the TV.
  - Be careful when lifting the TV as the Table-Top Stand is detached, the Table-Top Stand may topple over and cause personal injury.
  - Take care when removing the Table-Top Stand from the TV to prevent it from falling over and damaging the surface that the TV is sitting on.

- Do not remove the Table-Top Stand for any reason other than to install corresponding accessories on the TV.
- Be sure the TV is vertical before turning on. To avoid uneven picture uniformity do not power on the TV with the LCD panel facing down.

### Troubleshooting

General troubleshooting for issues like: black screen, no sound, frozen picture, TV does not respond, or network is lost, do the following steps.

- 1 Restart your TV by pressing the power button on the remote control for about five seconds. The TV will restart. If the TV does not recover, try unplugging the AC power cord. Then press the power button on the TV, and release it. Wait for two minutes, and plug in the AC power cord.
- 2 Refer to the Help menu by pressing **HELP** on the remote control.
- 3 Connect your TV to the Internet and perform a software update. Sony recommends you to keep your TV software updated. Software updates provide new features and performance improvements.
- 4 Perform the factory data reset.

**When you plug in the TV, the TV may not be able to turn on for a while even if you press the power button on the remote control or the TV.**  
It takes time to initialize the system. Wait for about one minute, then operate it again.

**How to reset the TV to factory settings**  
**WARNING:** The reset will clear all of your customized settings including the parental lock setting.

- You can reset the TV to factory settings by selecting [Factory data reset]. How to select [Factory data reset].
- To force factory data reset, unplug the AC power cord. Press and hold **Ⓜ** button on the TV, then plug in the AC power cord.
- For security purposes, be sure to remove all personal and account information before discarding, selling or passing your TV to someone else by: unlinking/unregistering, signing out of and deactivating all network services as well as factory reset the TV.

**The remote control does not function.**

- Replace the batteries.
- The parental lock password has been forgotten.**
- Enter 4357 for the PIN and enter the new PIN.

**The restricted profile password has been forgotten.**

- Perform the force factory data reset.

### Specifications

**System**  
Television system  
NTSC: American TV Standard  
ATSC (8VSB Terrestrial): ATSC compliant 8VSB  
QAM on cable: ANSI/SCTE 07 2000 (Does not include CableCARD functionality)  
Channel coverage  
Analog terrestrial: 2 - 69 / Digital terrestrial: 2 - 69  
Analog Cable: 1 - 135 / Digital Cable: 1 - 135  
Panel system: LCD (Liquid Crystal Display) Panel, LED Backlight  
Speaker output: 10 W + 10 W  
Wireless technology  
Protocol IEEE 802.11a/b/g/n/ac  
Bluetooth® Version 4.2



**Input/Output jacks**

**CABLE/ANTENNA**  
75 ohm external terminal for RF inputs  
VIDEO IN  
Video/Audio input (mini jack)  
**HDMI IN 1/2/3/4** (support 4K resolution, HDCP 2.3-compatible)  
Video:  
4096 × 2160p (60 Hz)<sup>\*1+2</sup>, 4096 × 2160p (24 Hz)<sup>\*1</sup>, 3840 × 2160p (60 Hz)<sup>\*2</sup>, 3840 × 2160p (24, 30 Hz), 1080p (30, 60, 120 Hz), 1080/24p, 1080i (60 Hz), 720p (30, 60 Hz), 720/24p, 480p, PC Formats

**Audio:**  
5.1 channel linear PCM: 32/44.1/48/88.2/96/176.4/192 kHz 16/20/24 bits, Dolby Audio, Dolby Atmos, DTS

**ARC** (Audio Return Channel) (HDMI IN 3 only)<sup>\*3</sup>

Two channel linear PCM: 48 kHz 16 bits, Dolby Audio, Dolby Atmos, DTS

**DIGITAL AUDIO OUT (OPTICAL)**  
Digital optical jack (Two channel linear PCM: 48 kHz 16 bits, Dolby Audio, DTS)

(Stereo mini jack)  
Headphone

1, 2  
USB port 1 supports High Speed USB (USB 2.0)

USB port 2 supports Super Speed USB (USB 3.1 Gen 1)

**LAN**  
10BASE-T/100BASE-TX connector (Depending on the operating environment of the network, connection speed may differ. The communication rate and quality are not guaranteed.)

Refer to the Help Guide for supported files and formats in Home Network.

**REMOTE**  
RS-232C mini jack, IR IN mini jack

These jacks are for receiving the external control signal.

**Power and others**  
Power requirements  
110 V – 240 V AC, 50/60 Hz (U.S.A./Canada 120 V AC, 60 Hz)

Power consumption  
In use  
XBR-85X900H / XBR-85X90CH: 318 W  
XBR-75X900H / XBR-75X90CH: 277 W  
XBR-65X900H / XBR-65X90CH: 214 W  
XBR-55X900H / XBR-55X90CH: 173 W

In standby<sup>\*4+5</sup>  
Less than 0.5 W with 120 V AC and less than 0.5 W with 240 V AC

Screen size (measured diagonally) (Approx.)

XBR-85X900H / XBR-85X90CH: 84.6 inches (85" class)  
XBR-75X900H / XBR-75X90CH: 74.5 inches (75" class)  
XBR-65X900H / XBR-65X90CH: 64.5 inches (65" class)  
XBR-55X900H / XBR-55X90CH: 54.6 inches (55" class)

Display resolution  
3,840 dots (horizontal) × 2,160 lines (vertical)

Output Rating  
USB 1  
5 V ---, 500 mA MAX  
USB 2  
5 V ---, 900 mA MAX

**Dimensions (Approx.) (w × h × d) (mm) / (inches)**

with stand (without stand)

XBR-85X900H / XBR-85X90CH: 1,899 × 1,162 × 441 / 74 7/8 × 45 3/4 × 17 3/8 (1,899 × 1,089 × 72 / 74 1/8 × 42 1/8 × 2 7/8)

XBR-75X900H / XBR-75X90CH: 1,674 × 1,034 × 410 / 66 × 40 3/4 × 16 1/4 (1,674 × 961 × 71 / 66 × 37 7/8 × 2 1/8)

XBR-65X900H / XBR-65X90CH: 1,450 × 903 × 338 / 57 1/8 × 35 3/8 × 13 3/8 (1,450 × 833 × 70 / 57 1/8 × 32 1/8 × 2 1/8)

XBR-55X900H / XBR-55X90CH: 1,231 × 780 × 338 / 48 1/2 × 30 3/4 × 13 3/8 (1,231 × 710 × 70 / 48 1/2 × 28 × 2 1/8)

wall-mount hole pattern  
XBR-85X900H / XBR-85X90CH: 400 × 400 mm  
XBR-75X900H / XBR-75X90CH: 300 × 300 mm  
XBR-65X900H / XBR-65X90CH: 300 × 300 mm  
XBR-55X900H / XBR-55X90CH: 300 × 300 mm

wall-mount screw size (mm)  
M6 (length: see "Installing the TV to the Wall".)

**Mass (Approx.) (kg) / (lb.)**

with stand (without stand)  
XBR-85X900H / XBR-85X90CH: 47.7 / 105.1 (45.8 / 100.9)

XBR-75X900H / XBR-75X90CH: 34.4 / 75.8 (32.9 / 72.5)

XBR-65X900H / XBR-65X90CH: 23.2 / 51.2 (22.2 / 48.9)

XBR-55X900H / XBR-55X90CH: 17.5 / 38.6 (16.5 / 36.4)

**Others**  
Optional accessories  
Wall-Mount Bracket: SU-WL855 (XBR-75X900H / 75X90CH / 65X900H / 65X90CH / 55X900H / 55X90CH only)

Operating temperature: 0 °C – 40 °C / 32 °F – 104 °F

**REFURBISHED PRODUCT LIMITED NINETY DAYS WARRANTY**

The **Refurbished Product Service Center** offers the following WARRANTY to the ORIGINAL purchaser of a product which we have refurbished.

This product that has been refurbished is warranted against any electronic or mechanical defects for a period of NINETY DAYS from the date of the original purchase by the consumer. Since this unit was sold as a refurbished item, the warranty does not apply to any cosmetic appearance items such as scratches. Should a defect occur, the **Refurbished Product Service Center** will repair or, at its option, replace defective unit/parts with new or rebuilt materials without charge for either parts or labor. Replacement unit/parts will be warranted for the remaining portion of the original warranty period.

This warranty does not cover installation or damage from accident, misuse, abuse, improper wiring, incorrect voltage, operating the unit against the instructions in the owner's manual or any product which has been opened, altered, or tampered with.

This warranty does not cover costs for removal and or installation of the unit for repair. Under no circumstances shall the service center be liable for any special, incidental or consequential damages or for any other expenses incurred by reason of use or sale of this product. This warranty is in lieu of any other warranties expressed or implied warranty of merchantability of fitness for particular use or otherwise.

This warranty gives the consumer specific legal rights and they may also have other rights which vary from State to State. Some States do not follow the exclusion or limitation of incidental or consequential damages, hence the above exclusion and limitations may not apply.

**Refurbished Product Service Center**  
13225 Marquardt Avenue Santa Fe Springs, CA 90670.

**WARRANTY REPAIR INFORMATION**

If you need service on your unit and this product requires repair during the 90 days warranty period; please go to [www.ConsumerServiceRefurbish.com](http://www.ConsumerServiceRefurbish.com) or call the **Refurbished Product Service Center** at 562-946-3531 to obtain the required return authorization (RA) number. Pack the unit properly (the original carton is ideal for this purpose) along with a copy of your purchase receipt and a letter describing the problem. Send the unit freight prepaid and insured to:

**Refurbished Product Service Center,**  
Att: Customer Service Department 13225 Marquardt Avenue Santa Fe Springs, CA 90670

Your unit will be promptly repaired and returned to you. We will refuse to accept delivery of the returned unit unless the assigned RA number appears on the outside of the shipping carton.

**Owner's Information**  
(Keep for your permanent records)

NAME: \_\_\_\_\_

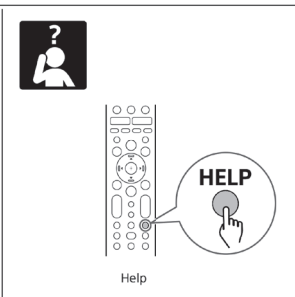
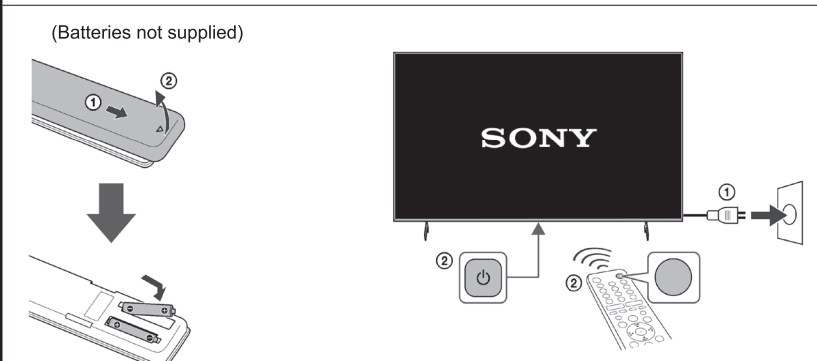
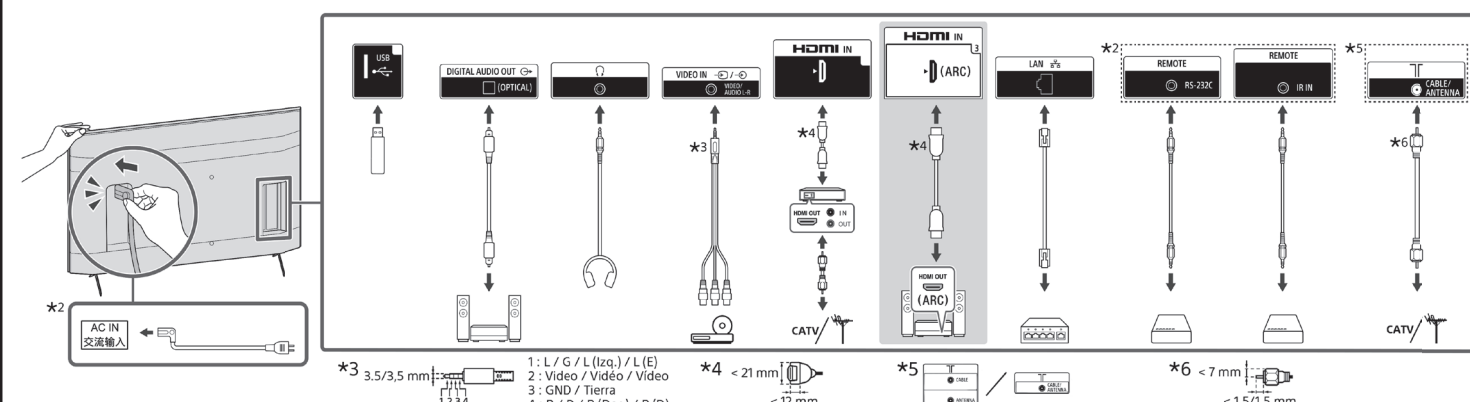
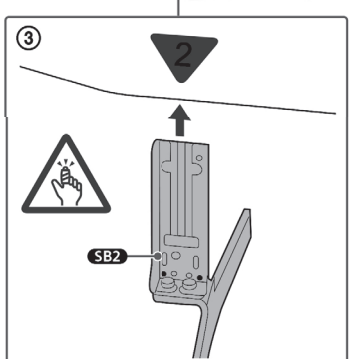
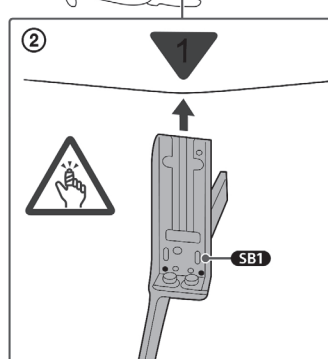
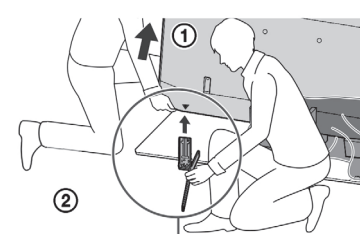
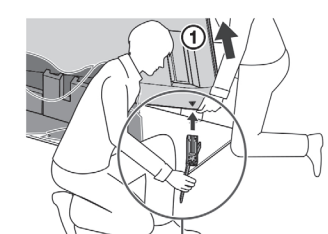
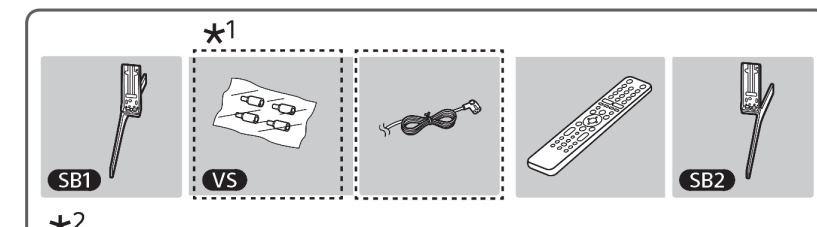
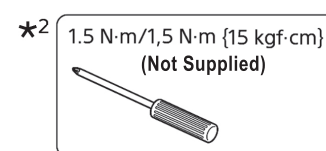
ADDRESS: \_\_\_\_\_

CITY: \_\_\_\_\_ STATE: \_\_\_\_\_ ZIP CODE: \_\_\_\_\_

PHONE: \_\_\_\_\_ E-MAIL: \_\_\_\_\_

MODEL: \_\_\_\_\_ SERIAL NO.: \_\_\_\_\_

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



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