

Wall-Mount Bracket

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Installation Information for Using Sony Wall-Mount Bracket (SU-WL450)

Supported models:

KDL-48W60□*B/48W58□*B/48R48□*B

KDL-40W60□*B/40R48□*B/40R45□*B

KDL-32R43□*B/32R41□*B

* In the actual model names, the "□" indicates numbers and/or characters specific to each model.

To Customers

For product protection and safety reasons, Sony strongly recommends that installation of your TV be performed by Sony dealers or licensed contractors. Do not attempt to install it yourself.

To Sony Dealers and Contractors

Provide full attention to safety during the installation, periodic maintenance and examination of this product.

Sufficient expertise is required for installing this product, 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 Sony dealers or licensed contractors and pay adequate attention to safety during the installation. Sony is not liable for any damage or injury caused by mishandling or improper installation.

For Safety and proper installation, follow the Wall-mount Bracket Operation Instructions, TV Set up guide and the directions in this manual.

On Safety

Thank you for purchasing this product.

To Customers

Sufficient expertise is required for installing this product. Be sure to subcontract the installation to Sony dealers or licensed contractors and pay special attention to safety during the installation. Sony is not liable for any damages or injury caused by mishandling or improper installation, or installing any other than the specified product. Your Statutory Rights (if any) are not affected.

To Sony dealers

Sufficient expertise is required for installing this product. Be sure to read this instruction manual thoroughly to do the installation work safely. Sony is not liable for any damages or injury caused by mishandling or improper installation. Please give this manual to the customer after installation.

This instruction manual shows the correct handling of the product and important precautions necessary to prevent accidents. Be sure to read this manual thoroughly and use the product correctly. Keep this manual available for future reference.

Products by Sony are designed with safety in mind. If the products are used incorrectly, however, it may result in a serious injury through fire, electric shock, the product toppling over, or the product dropping. Be sure to observe the precautions for safety to prevent such accidents.

CAUTION

Specified products

This Wall-Mount Bracket is designed for use with the products specified TVs. For TVs, refer to their Reference Guide to verify that the Wall-Mount Bracket can be used.

To Customers

WARNING

If the following precautions are not observed, serious injury or death through fire, electric shock, or the product dropping can result.

Be sure to subcontract the installation to licensed contractors and keep small children away during the installation.

If the Wall-Mount Bracket or the TV is not installed correctly, the following accidents may occur. Be sure licensed contractors carry out installation.

- The TV may fall and cause a serious injury such as a bruise or a fracture.
- If the wall on which the Wall-Mount Bracket is installed is unstable, uneven, or not perpendicular to the floor, the unit may fall and cause injury or property damage. The wall should be capable of supporting a weight of at least four times the TV weight.
(Refer to your TV's Reference Guide for its weight.)
- If the installation of the Wall-Mount Bracket on the wall is not sufficiently sturdy, the unit may fall and cause injury or property damage.

Be sure to subcontract moving or dismantling of the TV to licensed contractors.

If persons other than licensed contractors transport or dismount the TV, it may fall and cause injury or property damage. Be sure that two or more persons carry or dismount the TV.

Do not remove screws, etc., after mounting the TV.

If you do so, the TV may fall and cause injury or property damage.

Do not make alterations to the parts of the Wall-Mount Bracket.

If you do so, the Wall-Mount Bracket may fall and cause injury or property damage.

Do not mount any equipment other than the specified product.

This Wall-Mount Bracket is designed for use with the specified product only. If you mount equipment other than specified, it may fall or break, and cause injury or property damage.

Do not apply any load other than the TV on the Wall-Mount Bracket. Do not shake the TV left/right, up/down.

If you do so, the TV may fall and cause injury or property damage.

Do not lean on or hang from the TV.

Do not lean on or hang from the TV as it may fall on you and cause serious injury.

CAUTION

If the following precautions are not observed, injury or property damage may occur.

Do not handle the product with excessive force during cleaning or maintenance.

Do not apply excessive force on the topside of the TV. If you do so, the TV may fall and cause injury or property damage.

Precautions

- If you use the TV installed on the Wall-Mount Bracket for a long time, the wall behind or above the TV may become discolored or the wallpaper may come unstuck, depending on the material of the wall.
- If the Wall-Mount Bracket is removed after installing it on the wall, the screw holes are left.
- Do not use the Wall-Mount Bracket in a place where it is subjected to mechanical vibrations.

Installing the Wall-Mount Bracket

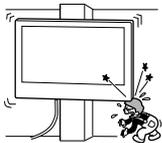
To Sony Dealers

WARNING

The following instructions are for Sony dealers only. Be sure to read safety precautions described above and pay special attention to safety during the installation, maintenance and checking of this product.

Do not install the Wall-Mount Bracket on wall surfaces where the corners or the sides of the TV protrude away from the wall surface.

Do not install the Wall-Mount Bracket on wall surfaces such as a pillar, where the corners or the sides of the TV protrude away from the wall surface. If a person or object happens to hit the protruded corner or side of the TV, it may cause injury or property damage.

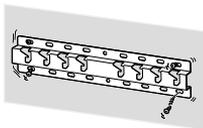


Do not install the TV over or under an air-conditioner.

If the TV is exposed to water leaks or air current from an air conditioner for a long time, it may cause a fire, an electric shock or a malfunction of the TV.

Be sure to install the Wall-Mount Bracket securely to the wall following the instructions in this instruction manual.

If any of the screws are loose or fall out, the Wall-Mount Bracket may fall and cause injury or property damage. Be sure to use the appropriate screws for the material of the wall and install the unit securely using four or more screws of 8 mm diameter (or equivalent).



Be sure to use the supplied screws and attachment parts properly following the instructions given in this instruction manual. If you use substitute items, the TV may fall and cause bodily injury to someone or damage to the TV.

Be sure to assemble the bracket properly following the instructed procedure explained in this instruction manual.

If any of the screws are loose or fall out, the TV may fall and cause bodily injury to someone or damage to the TV.

Be sure to tighten the screws securely in the designated position.

If you fail to do so, the TV may fall and cause bodily injury to someone or damage to the TV.

Be careful not to subject the TV to shock during installation.

If the TV is exposed to shock, it may fall or break apart. This may cause injury.

Be sure to install the TV on a wall that is both perpendicular and flat.

If you fail to do so, the TV may fall and cause injury.

After proper installation of the TV, secure the cables properly.

If people or objects get tangled with cables, this may result in injury or damage to the TV.

Do not allow the AC power cord or the connecting cable to be pinched.

If the AC power cord or the connecting cable is pinched between the unit and the wall or is bent or twisted by force, the internal conductors may become exposed and cause a short circuit or an electrical break. This may cause a fire or an electric shock.



The screws needed to secure the Wall-Mount Bracket to the wall are not supplied.

Use the appropriate screws for the wall material and structure when mounting the Wall-Mount Bracket.

Installing the TV onto the wall

Installation procedure differs, depending on your TV.

Use the Wall-Mount Bracket SU-WL450 to install the TV to the wall.

Note

- If the Table-Top Stand is attached to the TV, detach the Table-Top Stand beforehand. See the Quick Start Guide and follow in reverse order the steps to attach the Table-Top Stand.
- Place the TV with its screen facing down on a level and stable surface covered with a thick and soft cloth, when securing the Attachment parts for Wall-Mount Bracket or when removing the Table-Top Stand from the TV to prevent damaging the surface of the LCD display.
- Be sure to store the removed screws in a safe place, keeping them away from children.

Preparing for installation

- Have the TV's Reference Guide at hand before installation.
- Be sure to have a Phillips screwdriver that fits the screws prior to the assembly.
- Confirm the installing position of your TV.
- Prepare four or more screws of 8 mm diameter and one screw of 5 mm or equivalent (not supplied). Select screws suitable for the material of the wall.

Checking the parts

Supplied with SU-WL450

- Verify that all the parts are included.

A Base (20) (1) 	B Pulley (2)
C PSW 6x20 (4) 	D PSW 4x20 with Bush (2)
E Spacer (20) (2) 	F Belt (1)
G Bush (20) (M4) (2) 	H PSW 4x20 (2)
I Base Adaptor (2) 	J PSW 4x10 (8)
K Spacer (60) (2) 	L PSW 6x50 (2)
M Bush (M4) (2) 	N PSW 4x50 (2)
O Wall-Mount Attachment (S) (2) 	P Spacer (2)
Q Washer (1) 	R PSW 5x12 (1)

Supplied with the TV

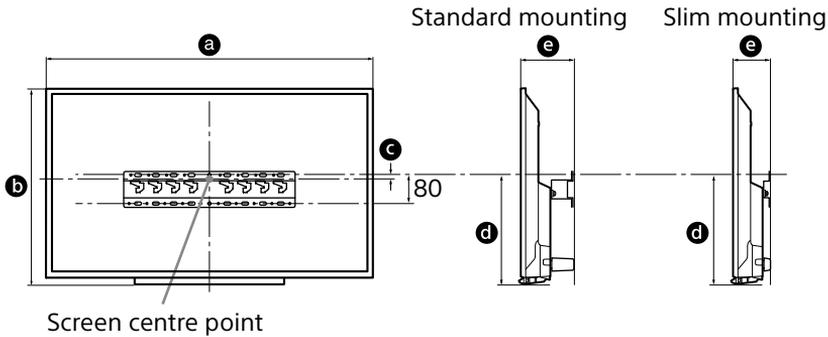
S Cable holder (2)

Deciding on the installation location

1 Decide on the installation location.

Make sure that the wall has enough space for the TV and is capable of supporting a weight of at least four times that of the TV.

Refer to the following table on installing the TV to the wall. Refer to your TV's Reference Guide for the TV's weight.



Unit: mm

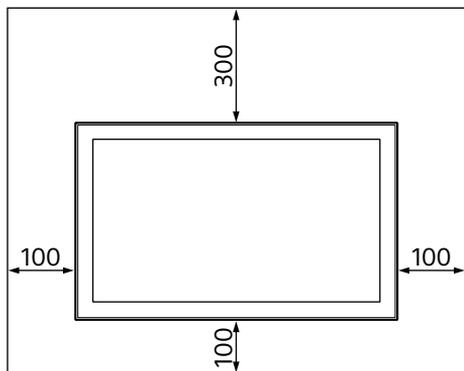
Model Name KDL-	Display dimensions		Screen centre dimension	Length for mounting		
	a	b	c	d	e	
					Standard mounting	Slim mounting
48W60□B 48W58□B 48R48□B	1,086	646	-29	305	152	111
40W60□B 40R48□B 40R45□B	926	556	16	306	151	110
32R43□B 32R41□B	736	451	68	306	142	101

Note

- Figures in the table may differ slightly depending on the installation.
- When your TV is installed on the wall, the upper side of the TV slightly leans forward.

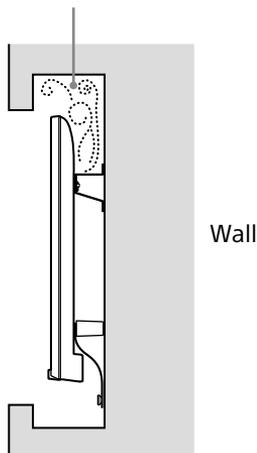
Allow for suitable clearance between the TV and the ceiling and protruding parts of the wall as shown below.

Unit: mm



- To ensure proper ventilation and prevent the collection of dirt or dust:
 - Do not lay the TV set flat, install upside down, backwards, or sideways.
 - Do not place the TV set on a shelf, rug, bed or in a closet.
 - Do not cover the TV set with a cloth, such as curtains, or items such as newspapers, etc.
 - Do not install the TV set as shown below.

Air circulation is blocked.



Note

- If you intend to route the cables in the wall, make a hole in the wall to insert the cables before beginning the installation.
To prevent pinching the cables, prepare a hole in the wall somewhere outside the perimeter of the Base (20) (A), Base Adaptor (1) and Spacer (20) (E), Spacer (60) (K).

2 Select Wall mounting style. It is selectable as shown below.

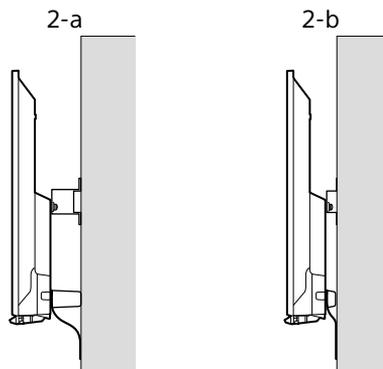
2-a Standard mount

2-b Slim mount

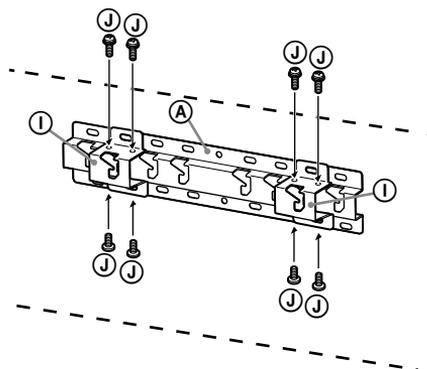
Refer to the table of step 1.

WARNING

- When 2-b is selected, Rear terminal access is limited.



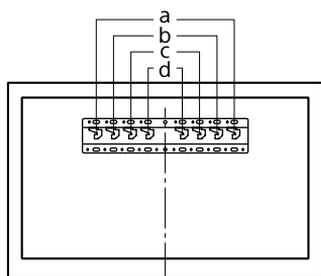
3 Fit Base Adaptor (1) by using Screw (PSW 4x10) (J) to Base (20) (A) when selecting 2-a.



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Refer to the below table about the Base Adaptor fitting location. In case of selecting 2-b, then skip this step.

Model Name KDL-	Hook location
48W60□B	b
48W58□B	
40W60□B	
48R48□B	c
40R48□B	
40R45□B	
32R43□B	
32R41□B	



4 Decide the positions of the screws for installing the Base (20) (A).

Refer to the specifications on page 12.

When selecting 2-a, please use the hole positions of Base Adaptor (1).

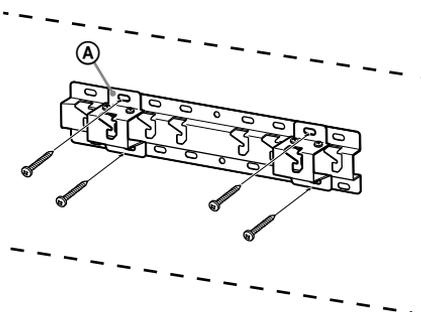
WARNING

- The wall that the TV will be mounted on should be able to support a weight of at least **four times** that of the TV (Refer to your TV's Reference Guide for its weight.).
- Determine the strength of the wall the TV will be mounted on. Reinforce the wall sufficiently, if necessary.

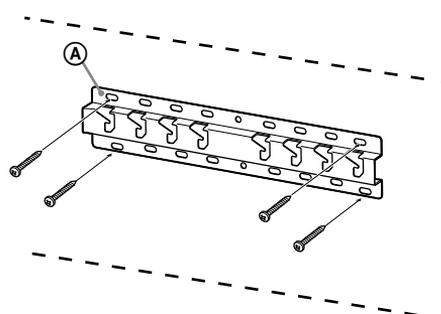
Installing the Base on the wall

- Use four or more screws of 8 mm diameter or equivalent (not supplied).
- **Fit four screws to the holes of Base Adaptor (1) with Base (20) (A) (2-a only).**
- Install the Base (20) (A) on the wall horizontally.

2-a

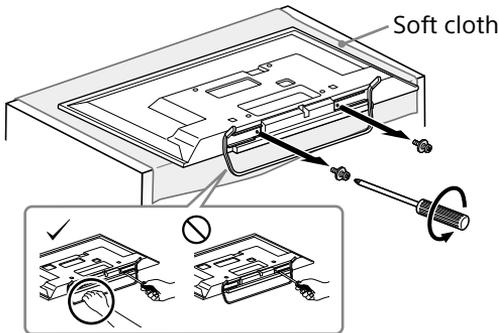


2-b



Preparing for the installation of the TV

- 1 Detach the Table-Top Stand from the TV.



Note

- Make sure to place TV on the place where you put a soft cloth on to prevent damaging display's surface.
- When installing the Wall-Mount Bracket, do not use the screws removed from the Table-Top Stand.
- Be sure to store the removed Table-top Stand and its screws in a safe place, keeping them away from children. You will need them if you want to use the TV on a table in the future. The Table-Top Stand cannot be purchased separately.

WARNING

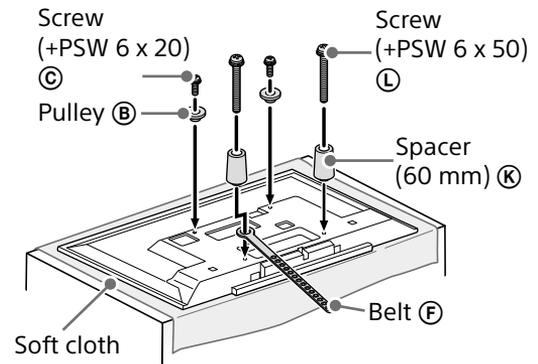
- Be sure the TV is on the vertical position before switching on. TV set must not powered on with LCD panel face down to avoid uneven picture uniformity.
- If pressure or shock is applied to the surface of the TV, the TV may break or become damaged.
- Lay the TV face down on a stable and level surface with the Table-Top Stand hanging over the edge of the surface. Having the TV face and the base of the Table-Top Stand on the same level surface will create an unstable working condition and can damage the TV.
- When detaching the Table-Top Stand from the TV, hold the Table-Top Stand securely with both hands.

- 2 Attach the Attachment parts for Wall-Mount Bracket. Check the Attachment parts by referring to "Supplied with SU-WL450" in "Checking the parts" on page 5.

Note

- Firmly secure the Attachment parts using screws.
- When using an electric screwdriver, set the torque setting to approximately 1.5 N·m {15 kgf·cm}.
- Be sure to store the unused parts in a safe place for future use. Retain this manual for future reference.

Standard mounting (2-a)

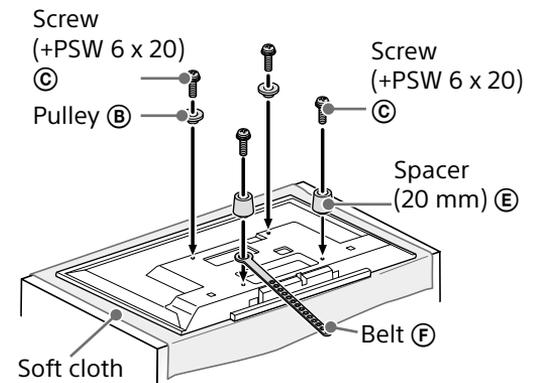
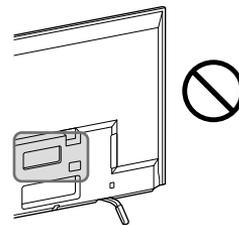


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Slim mounting (2-b)

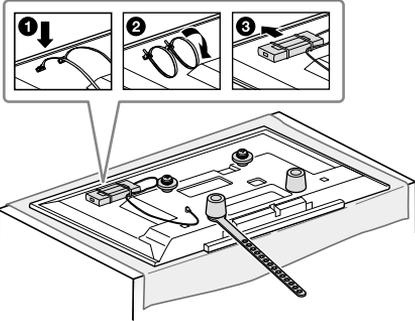
Note

- You cannot use some of the terminals on the rear of the TV when using this mounting style.

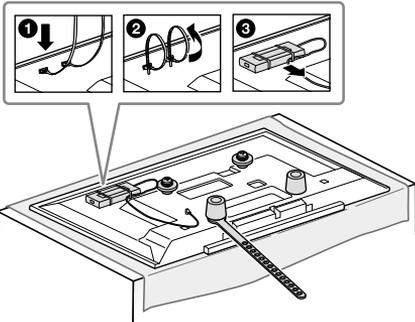


- 3** Bundle the AC Adapter using the cable holders **S** (supplied with the TV). Make sure that the label is facing outwards when bundling AC adapter.

For KDL-48W60□B/48W58□B/48R48□B/
40W60□B/40R48□B/40R45□B



For KDL-32R43□B/32R41□B



Installing the TV on the wall

- 1** Connect the necessary cable(s) to the TV.

Make sure to connect the cables before installing the TV on the wall. You will be unable to connect the cables when the TV is installed.

Refer to the Reference Guide supplied with your TV.

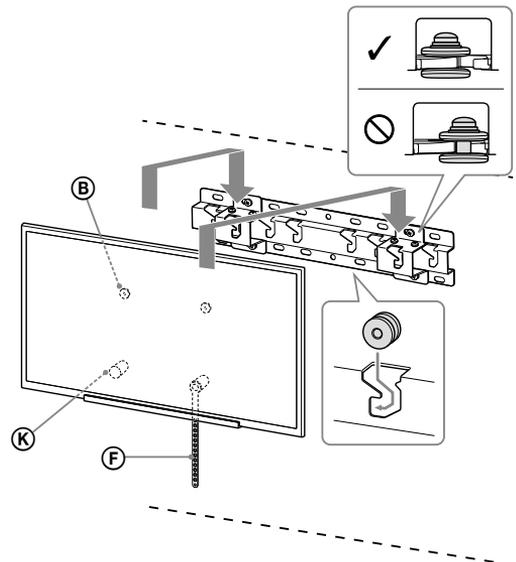
Note

- Subcontract the cable routing in the wall to a licensed contractor.
- Bundle the connecting cables to prevent stepping on them before wall mounting.

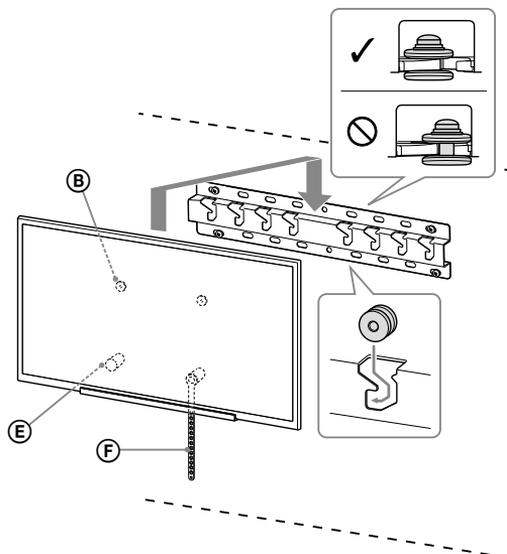
- 2** Install the TV onto the Base.

- For the location of the Pulleys **B** to the hang on the Base, refer to the table of step 3 in "Deciding on the installation location" on page 8.
- Hold the TV securely with both hands and gently hang the Pulleys **B** attached to the rear of the TV to the Base, making sure to confirm the shape of the holes.
- After installing the TV on the wall, confirm the Pulleys **B** are firmly latched into the Base.

2-a



2-b

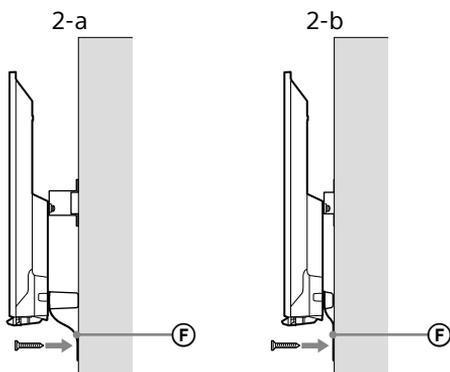


WARNING

- Be sure that two or more persons hold the TV when carrying it.

3 Preventing the bottom of the TV from shifting.

- Take up the slack of Belt (F) and attach it to the wall tightly.



- Use a 5 mm diameter screw or equivalent (not supplied).

Note

- Try to pull the bottom of the TV forwards yourself slightly, to make sure that it does not move forward. If there is any movement, it is not fixed correctly, and the Belt (F) should be secured firmly again.

Confirming the completion of the installation

Check the following points.

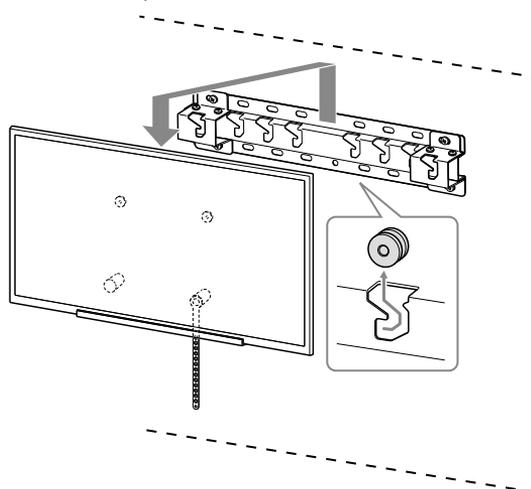
- The Pulleys (B) are firmly hung onto the Base.
- The cord and the cable are not twisted or pinched.
- The Belt (F) is tight with no slack.

WARNING

- Improper placement of the AC power cord, etc., may cause fire or electric shock through a short circuit. Be sure to confirm the completion of the installation for safety.

Other information

When removing the TV, reverse the previous installation procedure.

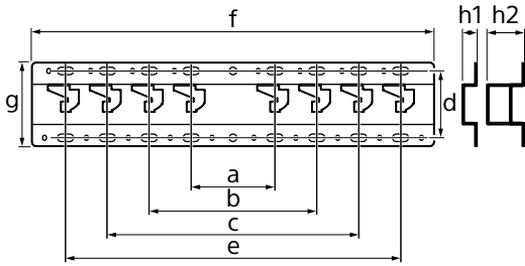


WARNING

- Be sure that two or more persons hold the TV when removing it.

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Specifications



Dimensions: (Approx.) [mm]

- a : 100
- b : 200
- c : 300
- d : 80
- e : 400
- f : 480
- g : 100

h1 : 20 (case 2-b)

h2 : 60 (case 2-a)

Weight (base only): (Approx.) [kg]

0.8

Design and specifications are subject to change without notice.