

Wall-Mount Bracket

Instructions

SU-WL500

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.

WARNING

If the safety precautions are not observed or the product is used incorrectly, it may result in serious injury or fire.

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.

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.

On Safety

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

The following products are subject to change without notice, may be out of stock, or discontinued.

Also, certain models are sold in some regions.

LCD Color TV	KLV-46D300A KLV-46V300A KLV-40D300A KLV-40V300A KLV-37M300A KLV-32D300A KLV-32V300A KLV-32M300A
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This Wall-Mount Bracket is designed for use with the specified products above.

For other TVs, refer to their operating instructions to check if this Wall-Mount Bracket can be used.

Some TVs are supplied with a leaflet explaining how to install the Wall-Mount Bracket ("Installing the Wall-Mount Bracket").

To Customers

WARNING

If the following precautions are not observed, serious injury or death through fire, electric shock, the product toppling over, 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 instructions 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 dismantle the TV, it may fall and cause injury or property damage. Be sure that two or more persons carry or dismantle the TV.

Do not spill liquid of any kind on the TV.

If you allow the TV to get wet, this may result in a fire or an electric shock.

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 disassemble or 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 cover the ventilation holes of the TV.

If you cover the ventilation holes (with a cloth, etc.), heat may build up inside and cause fire.



Do not apply any load other than the TV on the Wall-Mount Bracket.

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.



Do not expose the TV to rain or moisture.

It may cause a fire or an electric shock.

Never place the TV in hot, humid or excessively dusty places, or in a place where the TV is subjected to mechanical vibrations.

If you do so, it may cause a fire or an electric shock.

Keep flammable objects or open flames (e.g., candles) away from the TV.

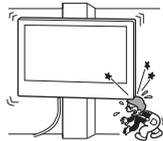
To prevent a fire, keep flammable objects or open flames (e.g., candles) away from the TV.

CAUTION

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

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 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.

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.

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.
- If you have routed 300-ohm feeder cables behind the wall, we recommend that you change them to 75-ohm coaxial cables. If it is necessary to continue to use 300-ohm feeder cables, be sure there is sufficient space available between the TV and the feeder cables behind the wall before installing. Consult your licensed contractor regarding an appropriate location (free from radio noise, etc.) before installing.

Installing the Wall-Mount Bracket

To Sony Dealers

WARNING

To Customers

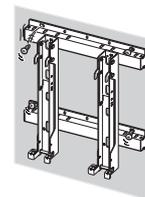
Sufficient expertise is required for installing this product. Be sure to subcontract the installation to Sony dealers or licensed contractors and pay special attention to safety during the installation.

To Sony Dealers

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.

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 8 mm diameter (or equivalent) screws.



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.

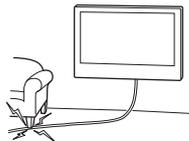
If you fail to do so, the TV may fall and cause injury.

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.



Be careful not to hurt your hands or fingers during the installation.

Be careful not to hurt your hands or fingers when installing the Wall-Mount Bracket or the TV.

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

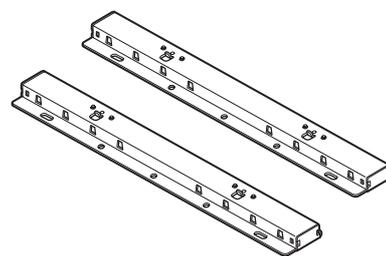
Use the appropriate screws for the wall material and structure when mounting the Wall-Mount Bracket.

Before installation

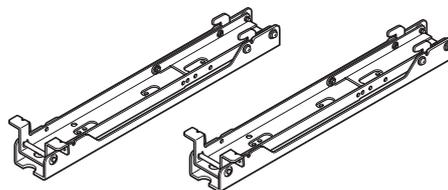
If you intend to install a TV that is not specified on page 2, be sure to refer to the leaflet "Installing the Wall-Mount Bracket" supplied with your TV.

Step 1: Checking the parts required for the installation

- 1 Prepare four or more 8 mm diameter or equivalent screws (not supplied) and a screwdriver. Select screws suitable for the material of the wall.
- 2 Unpack the carton and check to see that all the following items are included.



Base Bracket (2)



Mounting Hook (2)



Screw (+PSW6 x 16) (4)



Screw (+BVST4 x 12) (6)



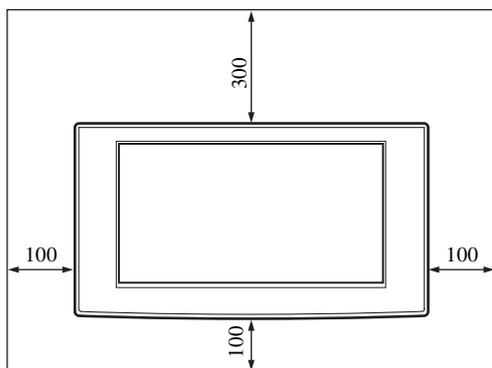
Hexagon wrench (1)

Step 2: Deciding on the installation location

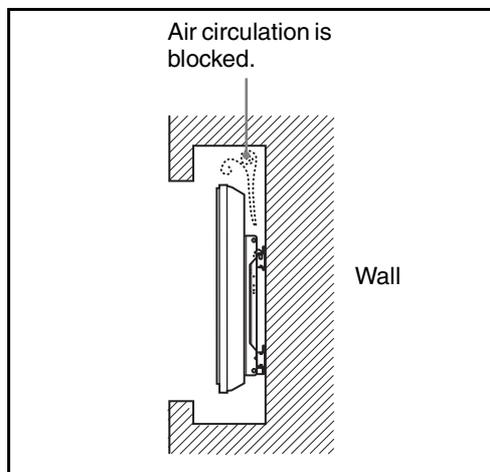
1 Referring to the TV installation dimensions table on page 12, decide on the installation location.

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

Unit: mm



Never install the TV set as shown below:



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.

2 Referring to the Wall mounting dimensions diagram on page 13, determine the positions of the screws for installing the Base Bracket.

WARNING

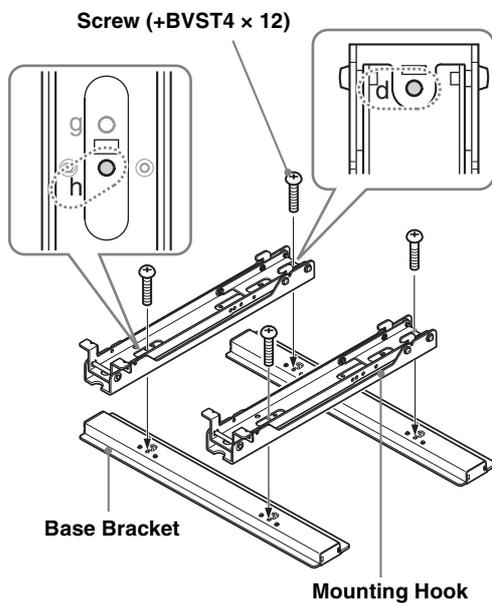
The wall that the TV will be mounted on should be able to support a weight of at least **four times** that of the TV (Refer to your TV's instructions for its weight.).

Determine the strength of the wall the TV will be mounted on. Reinforce the wall sufficiently, if necessary.

Step 3: Installing the Base Bracket on the wall

1 Secure the Base Bracket to the wall using four or more 8 mm diameter or equivalent screws (not supplied).

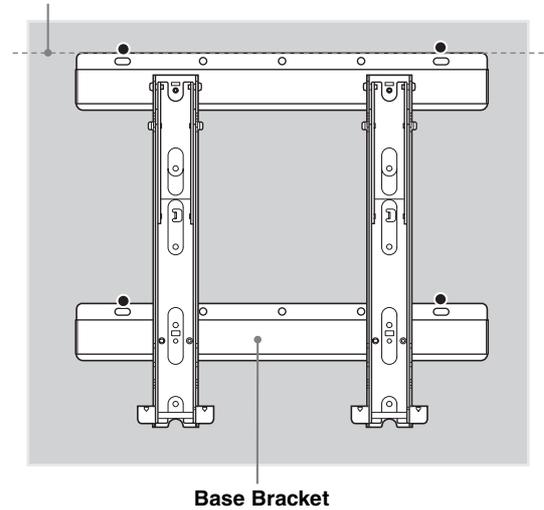
- Determine the screw holes (d, h) for attaching the Mounting Hook to the Base Bracket. Then attach them securely using the supplied screws (+BVST4 × 12).



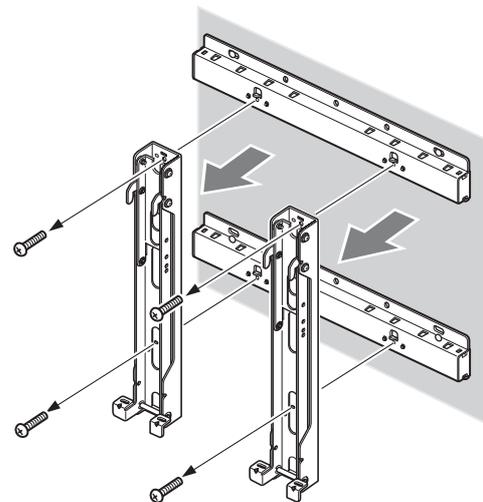
- Secure the Base Bracket and the Mounting Hook on the wall using the four or more 8 mm diameter or equivalent screws (not supplied).

Select four screw holes with the ● mark shown in the diagram below and tighten the screws securely so that they will not become loose.

Align the unit so that it is level.



- Remove the screws which were attached in procedure 1 and detach the Mounting Hook from the Base Bracket.



CAUTION

Be careful not to drop the Mounting Hook when removing the screws from the Mounting Hook.

WARNING

- The screws required for this procedure are not supplied. Select screws suitable for the material and structure of the wall.
- If the Base Bracket cannot be attached securely enough, use additional screws.
- Be sure to confirm that the Base Bracket is securely attached to the wall.

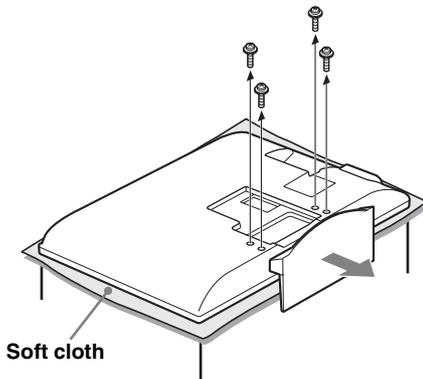
Step 4: Preparing for the installation of the TV

If you intend to install a TV that is not specified on page 2, be sure to refer to the leaflet “Installing the Wall-Mount Bracket” supplied with your TV.

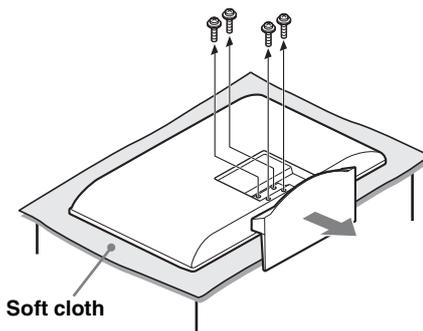
1 Remove the screws from the rear of the TV. Then detach the Table-Top Stand from the TV.

Place the TV with its screen facing down on a stable cloth-covered work surface.

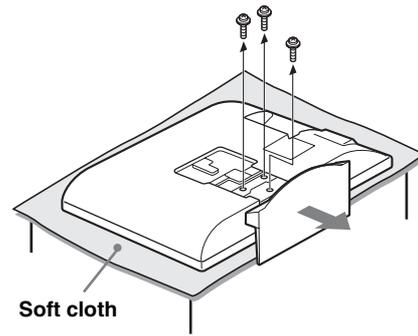
For the following TV users:
KLV-46/40D300A, KLV-46/40V300A



For the following TV users:
KLV-37M300A



For the following TV users:
KLV-32D300A, KLV-32V300A
KLV-32M300A



Notes

- When removing the Table-Top Stand from the TV, lay the display face down on a stable work surface that is larger than the TV.
- To prevent damaging the surface of the LCD display, make sure to place a soft cloth on the work surface.

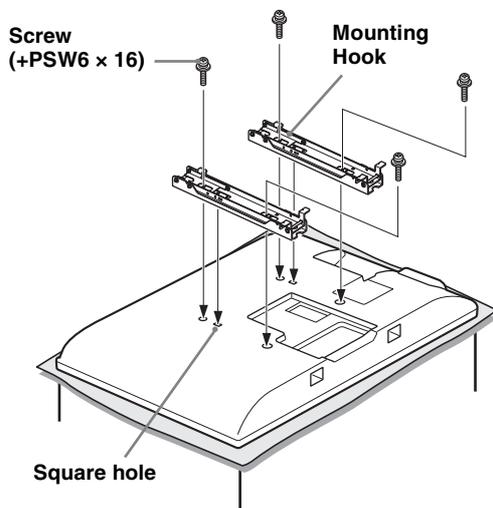
CAUTION

- If pressure or shock is applied to the surface of the TV, the LCD display may break or become damaged.
- Lay the display face down on a stable and level surface with the Table-Top Stand hanging over the edge of the surface. Having the display 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.

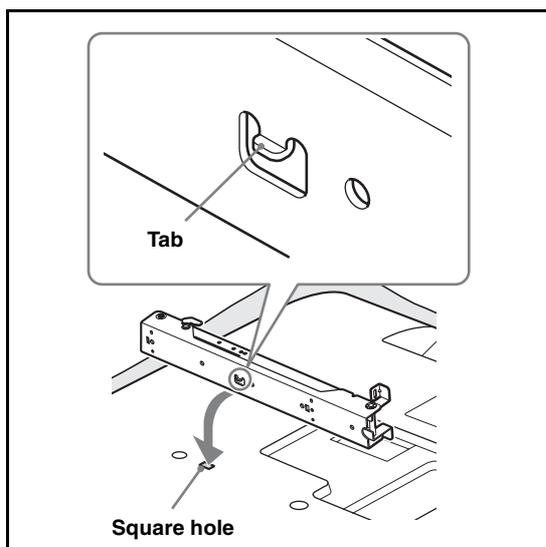
When using an electric screwdriver, set the torque setting to approximately 2 N·m {20 kgf·cm}.
Do not lift the Mounting Hook before the screws (two screws each for left/right) are secured. This may distort the Mounting Hook or the TV cabinet.

2 Referring to the Screw and Hook locations diagram/table on page 13, determine the screw positions, and secure the Mounting Hook to the rear of the TV.

- 1 Secure the Mounting Hook to the rear of the TV temporarily, using the supplied four screws (+PSW6 × 16).
- 2 Be sure that both screws are securely tightened with equal torque strength to the rear of the TV.



Align the tab on the rear of the Mounting Hook with the square hole on the rear of the TV as in the illustration below.



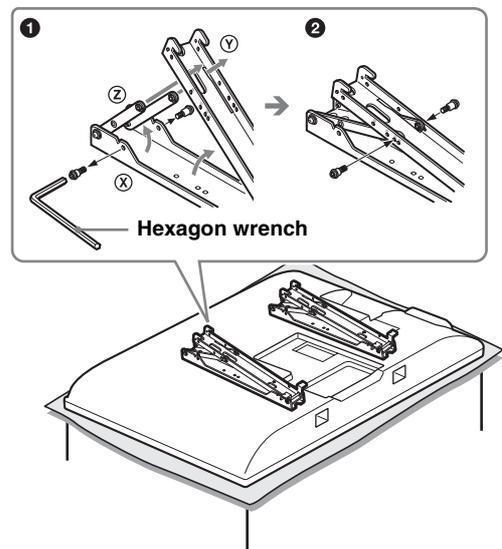
Note

Be sure not to use any screws other than the supplied ones (+PSW6 × 16) when securing the Mounting Hook.

3 Adjust the angle of the Mounting Hook using the supplied hexagon wrench.

When installing the TV parallel to the wall (0 degrees), adjustment of the Mounting Hook angle (procedures 1 and 2 below) is not necessary. Make sure that each arm base (X) is screwed in securely.

- 1 Remove the two screws from the arm base (X) of the Mounting Hook. Choose the holes corresponding to the desired angle (5, 10, 15 or 20 degrees).
- 2 Adjust the angles of the top (Y) and bottom (Z) arm to fit the corresponding hole, and firmly secure each arm using the two screws removed in the previous procedure 1.



Notes

- Be sure to adjust the right and left arms to the same angle.
- Make sure that the two arm bases are screwed in securely.

CAUTION

Be careful not to pinch your fingers when adjusting the angle of the Mounting Hook.

Notes on the adjustment angles

- When installing TV models other than those specified on page 2 (depending on the model's size and dimensions, etc.), the adjustment angles listed (0, 5, 10, 15, 20 degrees) for the arms may be limited.
- For the available adjustment angles of the arms when installing TV models other than those specified on page 2, refer to the operating instructions or the leaflet ("Installing the Wall-Mount Bracket") supplied with the TV.

Step 5: Installing the TV on the wall

If you intend to install a TV that is not specified on page 2, be sure to refer to the leaflet "Installing the Wall-Mount Bracket" supplied with your TV.

WARNING

Be sure to complete the installation before connecting the AC power cord to the wall outlet. If you allow the AC power cord to be pinched under or between pieces of equipment, this may result in a short circuit or an electric shock.

Be careful not to stumble over the AC power cord or the TV, as you may hurt yourself.

1 Connect the AC power cord and the connecting cable(s) supplied with the TV to the TV.

Connect the AC power cord and the connecting cable(s) to the connectors on the rear of the TV. For details on connecting the AC power cord and the connecting cable(s), refer to the instruction manual of the TV.

Notes

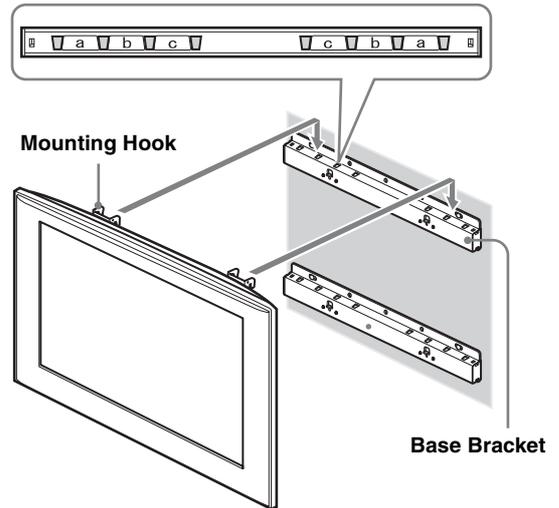
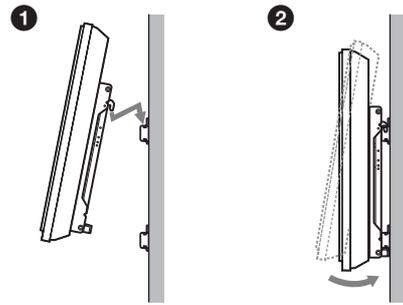
- You cannot connect the cables to the TV after installing it on the Base Bracket.
- Subcontract the cable routing in the wall to a licensed contractor.

2 Install the TV onto the Base Bracket.

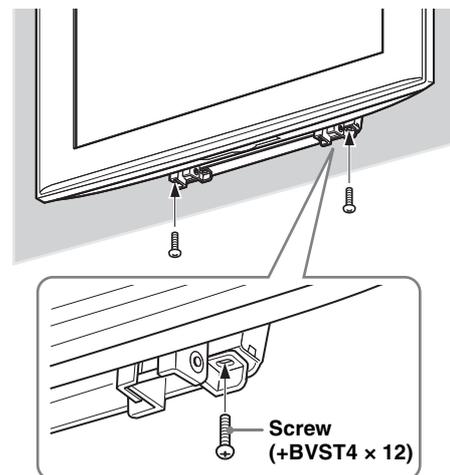
- 1 Referring to the Screw and Hook locations diagram/table on page 13, determine the holes of the Base Bracket for latching the upper hooks of the Mounting Hook.
- 2 Hold the TV securely with both hands, and gently align it on the wall.

WARNING

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



3 Firmly secure the TV and the Base Bracket using the two supplied screws (+BVST4 × 12).



Note

When using an electric screwdriver, set the torque setting to approximately 1.5 N·m {15 kgf·cm}.

WARNING

Be sure to tighten both left and right securing screws firmly. If you fail to do so, the TV may fall when it is pushed upward and cause injury.

Confirming the completion of the installation

Check the following points.

- The hooks of the Mounting Hook are firmly latched in the holes of the Base Bracket.
- The cord and the cable are not twisted or pinched.
- The two screws that secure the Mounting Hook and the Base Bracket are securely tightened.

WARNING

Do not adjust the angle of the Mounting Hook when the TV is installed on the wall and be sure to install completely. It may cause the product to fall and result in injury or product damage. Also, improper placement of the AC power cord, etc., may cause fire or electric shock through a short circuit.

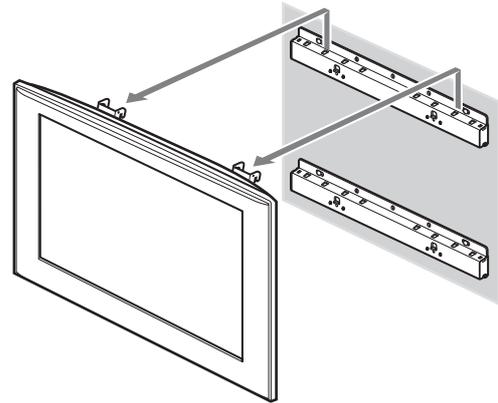
Be sure to confirm the completion of the installation for safety.

When removing the TV

To Sony Dealers

- 1 Unplug the AC power cord from the wall outlet.**
- 2 Remove the two screws which secure the TV and the Base Bracket. (Refer to 3 of Step 5 on page 10 for the screw positions.)**

- 3 Be sure to hold the TV and slide it upward to remove the TV.**



CAUTION

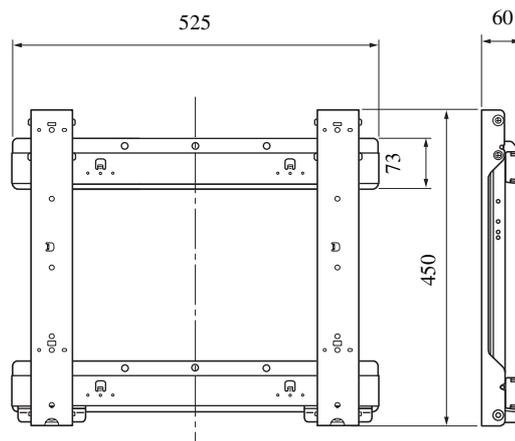
- Be careful not to allow the cord and cables to get caught when removing the TV.
- Be careful not to hurt your hands or fingers when removing the TV.

WARNING

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

Specifications

Unit: mm
Weight: 4.7 kg

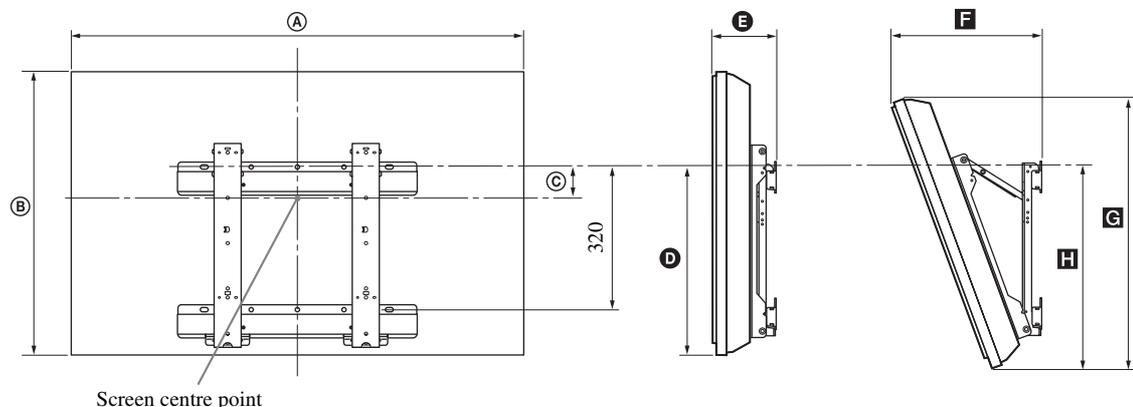


Design and specifications are subject to change without notice.

TV installation dimensions table

The table below shows the dimensions of the TV that is mounted on this product. Refer to this table to decide on the installation location.

If you intend to install a TV that is not specified below, be sure to refer to the leaflet “Installing the Wall-Mount Bracket” supplied with your TV.



Unit: mm

Model name	Display dimensions		Screen centre dimension	Length for each mounting angle				
	A	B		Angle (0°)		Angle (20°)		
			C	D	E	F	G	H
KLV-46D300A/KLV-46V300A	1114	730	106	505	175	373	705	545
KLV-40D300A/KLV-40V300A	981	643	157	505	170	338	622	543
KLV-37M300A	918	609	143	474	168	335	583	508
KLV-32D300A/KLV-32V300A	790	530	137	424	160	318	516	464
KLV-32M300A	796	544	171	472	159	305	522	502

Some models may not be available in certain regions.

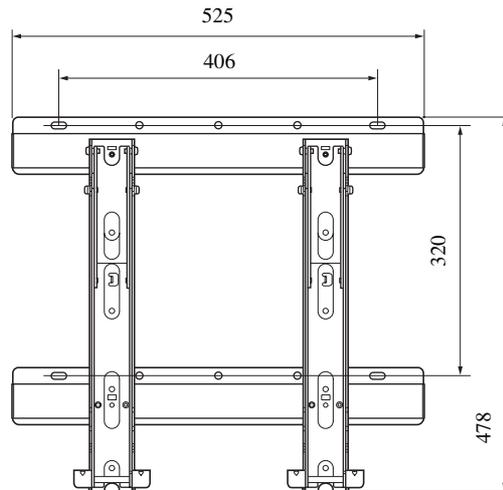
Figures in the above table may differ slightly depending on the installation.

WARNING

The wall that the TV will be installed on should be capable of supporting a weight of at least four times that of the TV. Refer to your TV's instructions for its weight.

Wall mounting dimensions diagram

Unit: mm



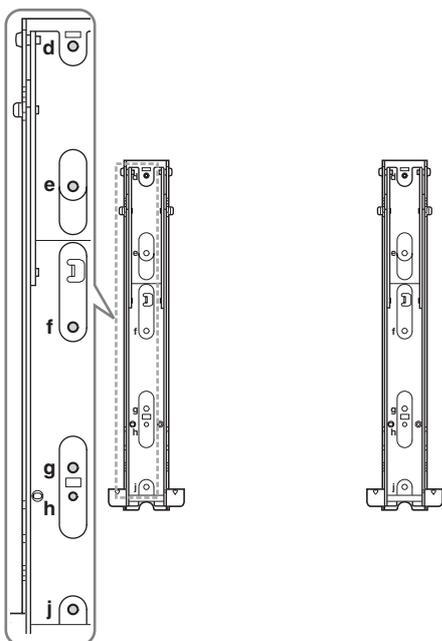
Screw and Hook locations diagram/table

Model name	Screw location	Hook location
KLV-46D300A/KLV-46V300A	e, g	b
KLV-40D300A/KLV-40V300A		
KLV-37M300A/KLV-32M300A	d, f	c
KLV-32D300A/KLV-32V300A	f, j	

Some models may not be available in certain regions.

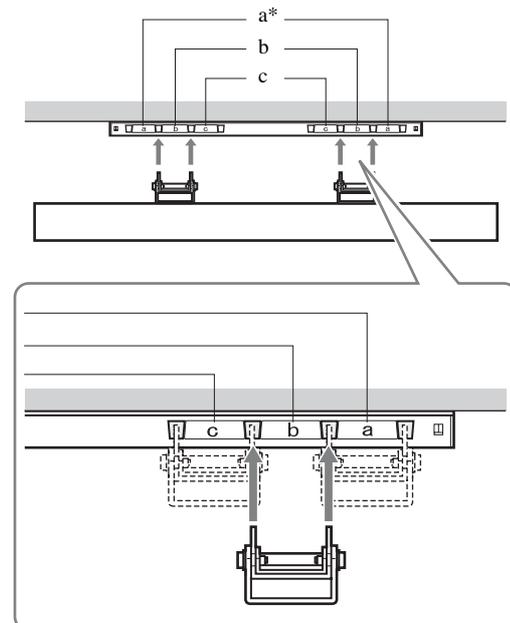
Screw location

When installing the Mounting Hook on the TV.



Hook location

When installing the TV onto the Base Bracket.



* Hook position "a" cannot be used for the models in the table above.

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