

INSIGNIA™

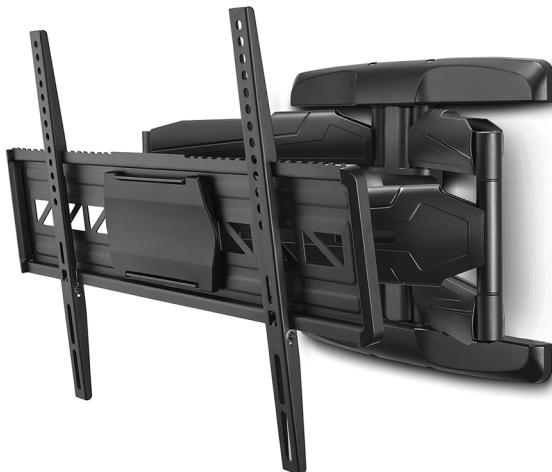
INSTALLATION GUIDE

Full Motion Mount for TVs 47" - 90"

NS-HTVMM1703-C

For VESA patterns:

- 7.9 × 7.9" (200 × 200 mm)
- 11.8 × 7.9" (300 × 200 mm)
- 11.8 × 11.8" (300 × 300 mm)
- 15.7 × 7.9" (400 × 200 mm)
- 15.7 × 11.8" (400 × 300 mm)
- 15.7 × 15.7" (400 × 400 mm)
- 19.7 × 15.7" (500 × 400 mm)
- 23.6 × 15.7" (600 × 400 mm)



Before using your new product, please read these instructions to prevent any damage.

Safety information and specifications



**IMPORTANT
SAFETY
INSTRUCTIONS
- SAVE THESE
INSTRUCTIONS**

CAUTION: Do

not use this product for any purpose not explicitly specified by Insignia.

Improper installation may cause property damage or personal injury.

If you do not understand these directions, or have doubts about the safety of the installation, contact Customer Service or call a qualified contractor. Insignia is not responsible

for damage or injury caused by incorrect installation or use.

The weight of your TV must not exceed 130 lbs. (59 kg). The wall must be capable of supporting five times the weight of your TV and wall mount combined.

This product contains small items that could be a choking hazard if swallowed. Keep these items away from young children!

Maximum TV weight: 130 lbs. (59 kg)

Screen size: 47 in. to 90 in. diagonal

Overall dimensions (H x W):

16.9 x 28 in. (42.9 x 71.1 cm)

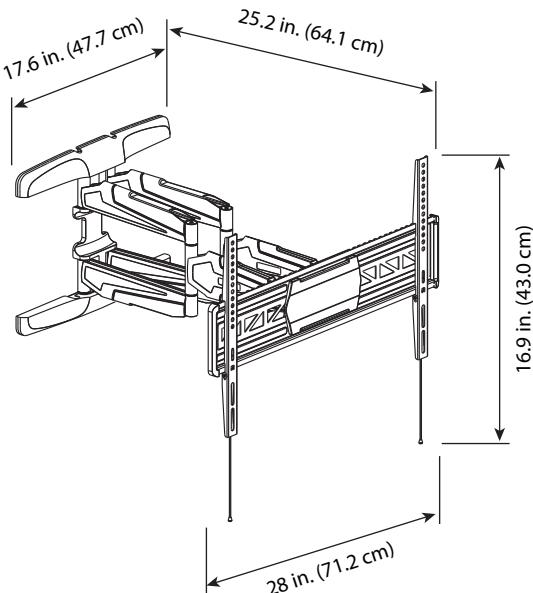
Wall-mount weight: 22 lbs. (10 kg)

We're here for you

www.insigniaproducts.com

For customer service, call:

1-877-467-4289



Tools needed

You will need the following tools to assemble your new TV wall mount:



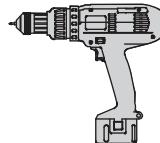
Edge-to-edge
stud finder



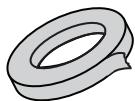
Pencil



Measuring tape



Drill



Tape



Phillips screwdriver



Hammer



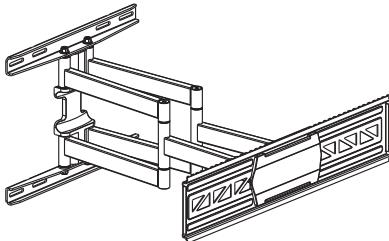
3/16 in. (5 mm) wood drill
bit (for wood stud wall)

OR

3/8 in. (10 mm) masonry
drill bit (for concrete wall)

Package contents

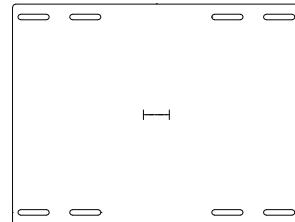
Make sure that you have all the hardware necessary to assemble your new TV wall mount:



Wall Mount (1)



TV Brackets
(2)



Wall Plate Template (1)

TV Hardware Bag

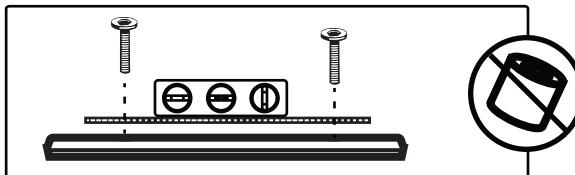
Label	Hardware	Qty.
A1	 M4 x 12 mm screw	4
A2	 M4 x 25 mm screw	4
A3	 M5 x 12 mm screw	4
A4	 M5 x 25 mm screw	4
A5	 M6 x 12 mm screw	4
A6	 M6 x 25 mm screw	4
A7	 M8 x 16 mm screw	4
A8	 M8 x 25 mm screw	4
A9	 M8 x 50 mm screw	4
A10	 10 mm spacer	4
A11	 M4/M5 washer	4
A12	 M6/M8 washer	4
	 Decorative end cap	2

Label	Hardware	Qty.
A	 Lag bolts	6
B	 Concrete anchor	6
C	 Lag bolt washer	6
D	 2.5 mm spacer	8
E	 20 mm spacer	4
	 Allen wrench	1
	 Box wrench	1
	 Magnetic removable bubble level	1
	 Plastic cover	2
	 Cable management clip 1	2
	 Cable management clip 2	2

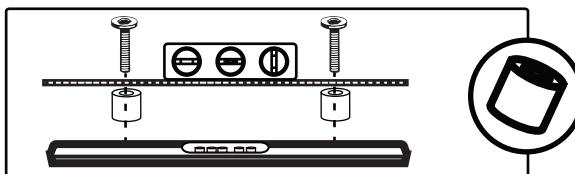
Installation instructions

STEP 1 - Determine whether your TV has a flat back or an irregular or obstructed back

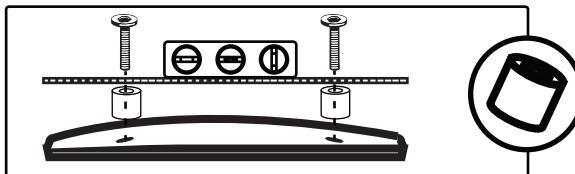
- 1 Carefully place your TV screen face-down on a cushioned, clean surface to protect the screen from damages and scratches.
- 2 If your TV has a table-top stand attached, remove the stand. See the documentation that came with your TV for instructions.
- 3 Lay the **TV brackets**, oriented vertically, on the back of your TV.
- 4 Align the screw holes in the TV brackets with the mounting screw holes on your TV.
- 5 Identify which type of back your TV has:
 - **Flat back:** The brackets lay flush against the back of your TV and do not block any jacks. You do not need spacers when assembling the wall mount.



- **Obstructed back:** The brackets block one or more of the jacks on the back of your TV. You will need spacers when assembling the wall mount.



- **Irregularly-shaped back:** There is a gap between a bracket and some part of the back of your TV. You will need spacers when assembling the wall mount.



- 6 Remove the TV brackets.

STEP 2 - Select screws, washers, and spacers

1 Select the hardware for your TV (screws, washers, and spacers). A limited number of TVs come with mounting hardware included. (If there are screws that came with the TV, they are almost always in the holes on the back of the TV.) If you don't know the correct length of the mounting screws your TV requires, test various sizes by hand-threading the screws.

Select one of the following types of screws:

For a TV with a flat back:

M4 X 12 mm screws (**A1**)

M5 X 12 mm screws (**A3**)

M6 X 12 mm screws (**A5**)

M8 X 16 mm screws (**A7**)

For a TV with an irregular/obstructed back:

M4 X 25 mm screws (**A2**)

M5 X 25 mm screws (**A4**)

M6 X 25 mm screws (**A6**)

M8 X 25 mm screws (**A8**)

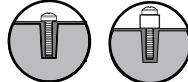
M8 X 50 mm screws (**A9**)

Select either an M4/M5 washer (**A11**) or an M6/M8 washer (**A12**) for the corresponding types of screws.

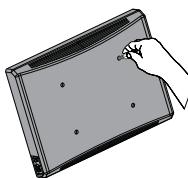
For an irregular or obstructed TV back, also use the spacers (**A10**, **D**, or **E**)



CAUTION: To avoid potential personal injuries and property damage, make sure that there are adequate threads to secure the brackets to your TV. If you encounter resistance, stop immediately and contact customer service. Use the shortest screw and spacer combination to accommodate your TV. Using hardware that is too long may damage your TV. However, using a screw that is too short may cause your TV to fall from the mount.



Screw fits correctly



Screw is too long



Screw is too short

2 Remove the screws from the holes in the back of your TV.

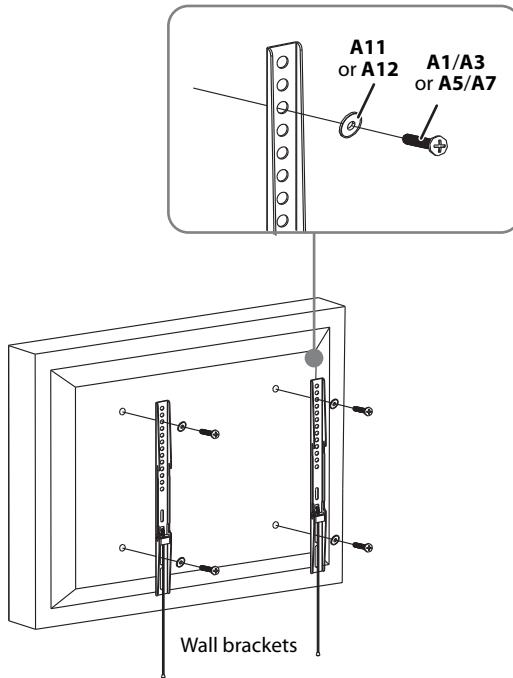
3 For a flat back TV, go to "STEP 3 - Option 1: Attaching the mounting hardware to TVs with a flat back" on page 7.

-OR-

For an irregular or obstructed back, go to "STEP 3 - Option 2: Attaching the mounting hardware to TVs with irregular or obstructed backs" on page 8.

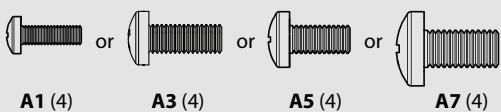
STEP 3 - Option 1: Attaching the mounting hardware to TVs with a flat back

- 1 Align the left and right TV brackets with the screw holes on the back of the TV. Make sure that the brackets are level.
- 2 Install washers (A11 or A12), and screws (A1, A3, A5, or A7) into the holes in the back of the TV.
- 3 Tighten the screws until they are snug against the TV brackets. Do not over tighten.

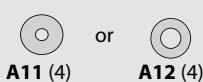


You'll need

Screws



Washers



Magnetic removable bubble level



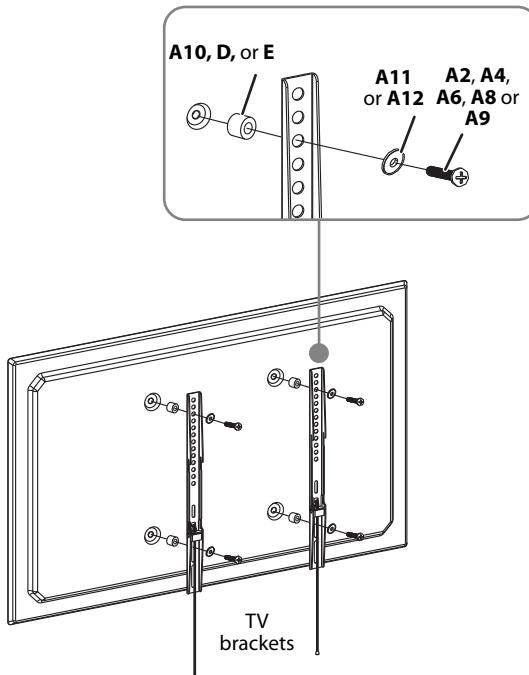
Phillips screwdriver



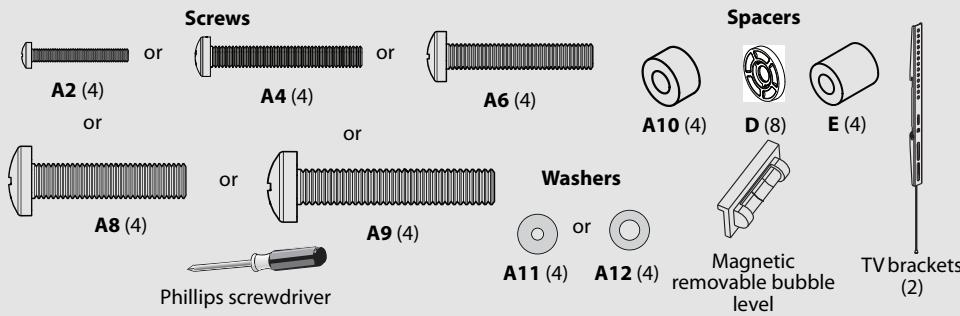
TV brackets (2)

STEP 3 - Option 2: Attaching the mounting hardware to TVs with irregular or obstructed backs

- 1 Place spacers (A10, D, or E) over the holes on the back of the TV.
- 2 Align the left and right TV brackets with the screw holes on the back of the TV. Make sure that the brackets are level.
- 3 Place washers (A11 or A12) over the holes in the TV brackets. Insert screws (A2, A4, A6, A8, or A9) through the washers, TV brackets, and spacers.
- 4 Tighten the screws until they are snug against the TV brackets. Do not over tighten.



You'll need



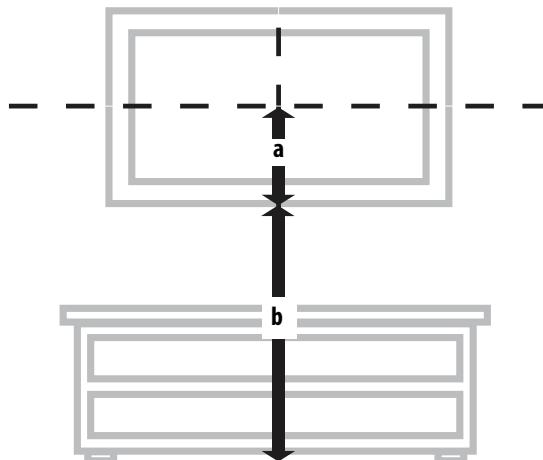
STEP 4 - Determine wall-mount location

Note:

- For more detailed information on determining where to drill your holes, visit our online height-finder at: <http://mf1.bestbuy.selectionassistant.com/index.php/heightfinder>
- Your TV should be high enough so your eyes are level with the middle of the screen. This is normally 40 to 60 in. from the ground.

The center of your TV will be offset .8 in. lower than the center of the wall plate on the wall-mount. Before you drill holes in the wall:

- 1 Measure the distance from the bottom of your TV to the center point halfway between the top and bottom mounting holes on the back of your TV. This is measurement **a**.
- 2 Measure the distance from the floor to where you want the bottom of the TV to be placed on the wall. Keep in mind that the bottom of the TV should be placed above any furniture (such as entertainment centers or TV stands). The TV should also be above items placed on top of the furniture (like a Blu-ray player or cable box). This measurement is **b**.
- 3 Add **a + b**. The total measurement is the height where you want the center of the wall plate to be on the wall.
- 4 Use a pencil to mark this spot on the wall.



You'll need



Measuring tape



Pencil

STEP 5 - Option 1: Installing on a wood stud* wall

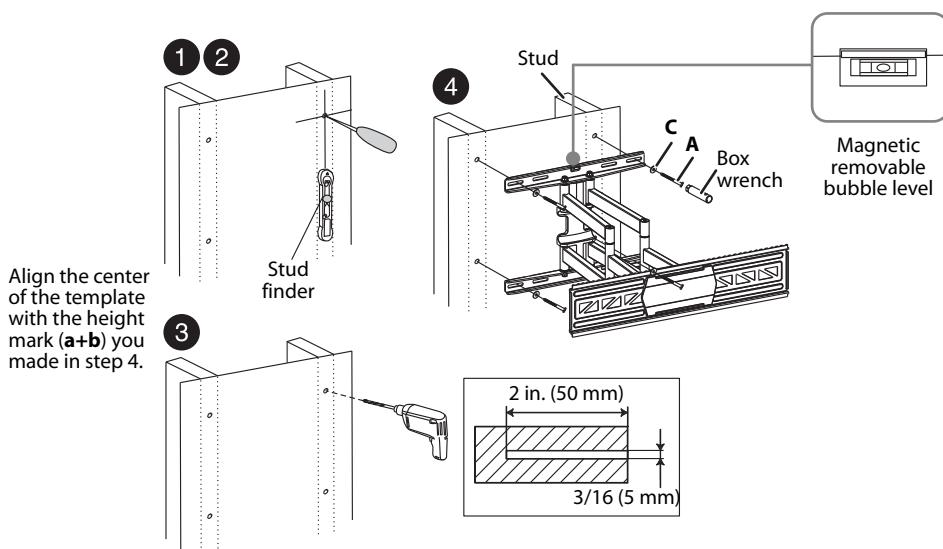
Note: Any drywall covering the wall must not exceed 5/8 in. (16 mm).

- 1 Locate the stud. Verify the center of the stud with an edge-to-edge stud finder.
- 2 Align the center of the wall plate template at the height (**a + b**) you determined in the previous step, make sure that the template is level, then tape it to the wall.
- 3 Drill four pilot holes through the template to a depth of 2 in. (50 mm) using a 3/16 in. (5 mm) diameter drill bit, then remove the template.
- 4 Make sure that the wall-mount arm on the wall-mount is perpendicular to the wall plate, align the wall plate with the pilot holes, insert the lag bolts (**A**) through the lag bolt washers (**C**), then through the holes in the wall plate. Make sure that the wall plate is level, then tighten the lag bolts with the box wrench only until they are firm against the wall plate.

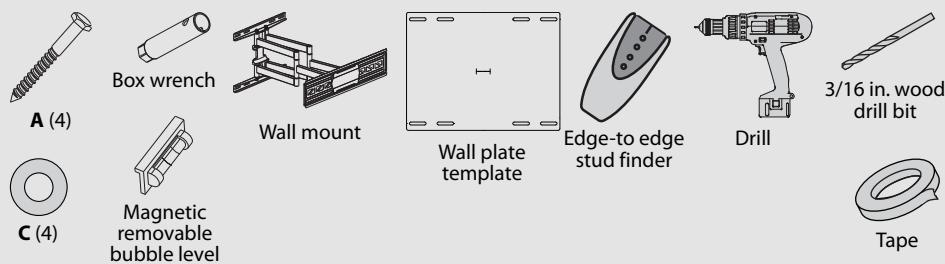
CAUTION: Use only the four center holes to mount the wall plate. Do not use the slotted side holes.
• DO NOT over-tighten the lag bolts (**A**).

* Minimum wood stud size: common 2 x 4 in. (51 x 102 mm) nominal 1 1/2 x 3 1/2 in. (38 x 89 mm).

* Minimum horizontal spacing between fasteners cannot be less than 16 in. (406 mm).



You'll need



STEP 5 - Option 2: Installing on a solid concrete or concrete block wall



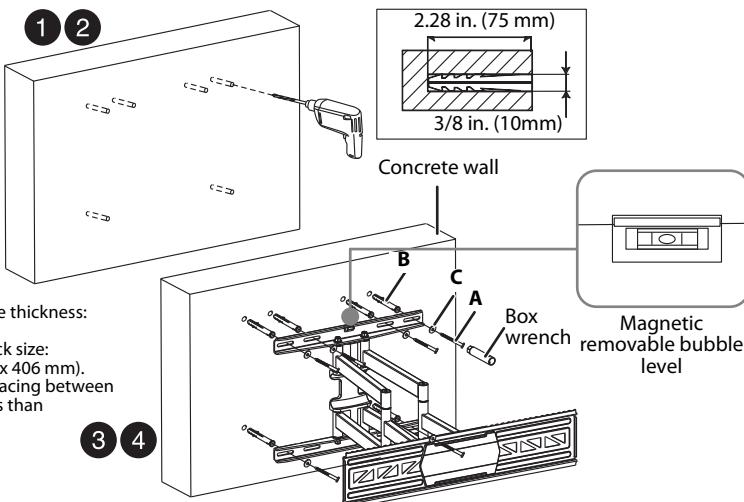
CAUTION: To prevent property damage or personal injury, never drill into the mortar between blocks. Mount the wall plate directly onto the concrete surface.

- 1 Align the center of the wall plate template at the height (**a + b**) you determined in the previous step, make sure that it is level, then tape it to the wall.
- 2 Drill six pilot holes through the template to a depth of 2.28 in. (58 mm) using a 3/8 in. (10 mm) diameter masonry drill bit, then remove the template.
- 3 Insert the concrete wall anchors (**B**) into the pilot holes and use a hammer to make sure the anchors are flush with the concrete surface.
- 4 Make sure that the wall-mount arm on the wall-mount is perpendicular to the wall plate, align the wall plate with the anchors, insert the lag bolts (**A**) through the lag bolt washers (**C**), then through the holes in the wall plate. Make sure that the wall plate is level, then tighten the lag bolts with the box wrench only until they are firm against the wall plate.



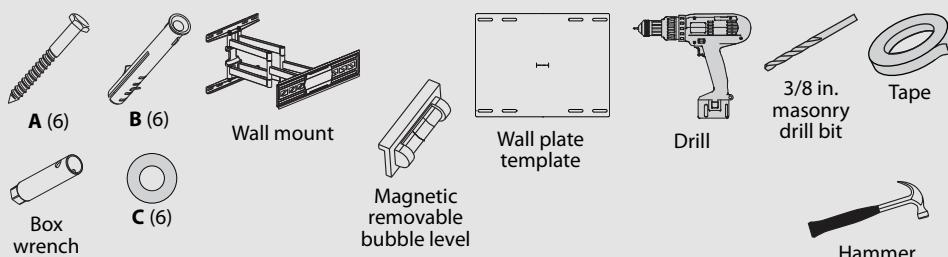
CAUTION: DO NOT over-tighten the lag bolts (**A**).

Align the center of the template with the height mark (**a+b**) you made in step 4.



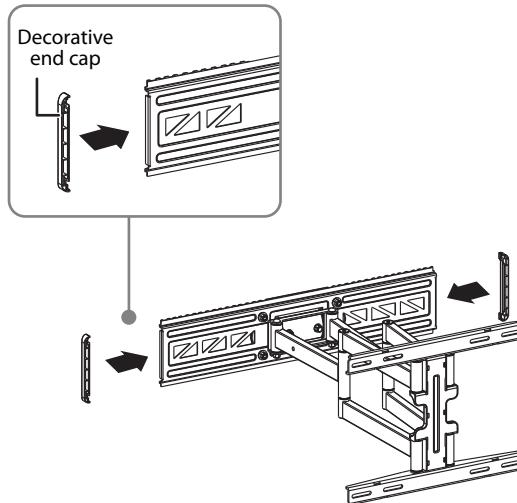
- * Minimum solid concrete thickness: 8 in. (203 mm)
- * Minimum concrete block size: 8 x 8 x 16 in. (203 x 203 x 406 mm).
- * Minimum horizontal spacing between fasteners cannot be less than 16 in. (406 mm).

You'll need



STEP 6 - Install the decorative end caps

- Snap a decorative end cap on each end of the wall plate.



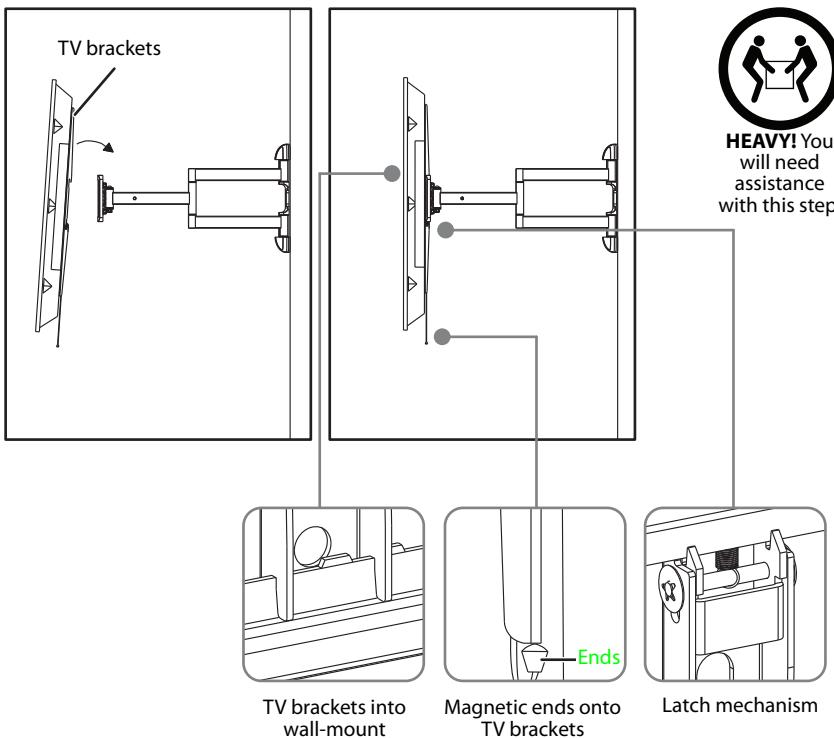
You'll need



Decorative
end cap (2)

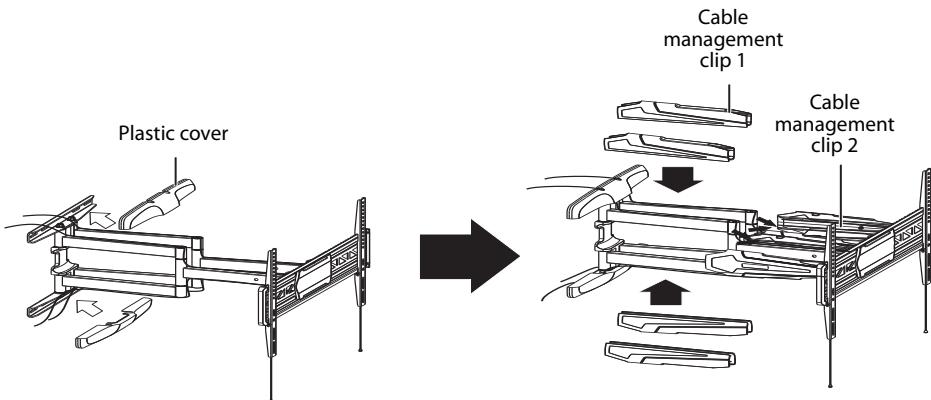
STEP 7 - Mount the TV to the wall plate

- 1 Holding the TV with the top of the screen tilted toward the wall, slide the upper edges of the right and left TV brackets into the notches on the upper lip of the wall-mount arm on the wall mount.
- 2 Push the bottom of the TV towards the wall until the latch mechanism clicks into place.
- 3 Press the magnetic ends on the TV brackets ribbons onto the mounting brackets.



STEP 8 - Manage cables

- 1 Snap the plastic covers onto the top and bottom edges of the wall plate.
- 2 Thread cables for attached devices through the grooves on the plastic covers, then snap the cable management clips 1 over the plastic covers.
- 3 Align the cables along the sides of the wall-mount arm, then snap the cable management clips 2 over the cables.



You'll need



Plastic cover (2)



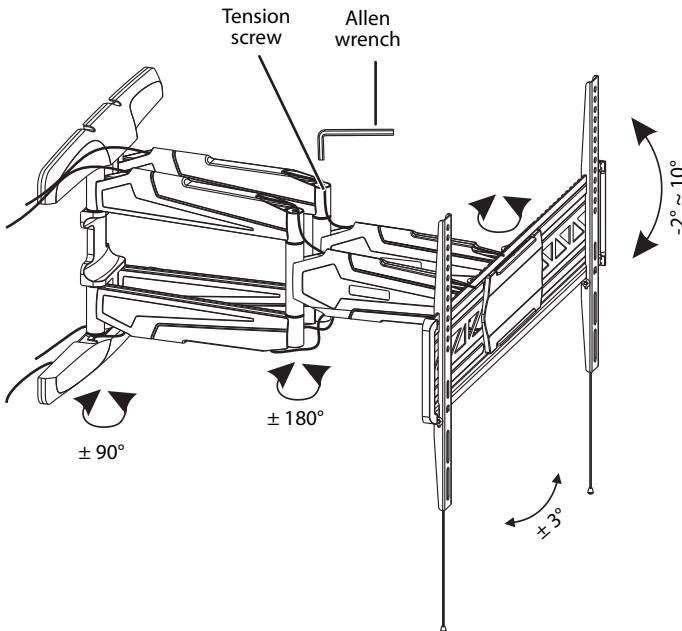
Cable management clip 1 (2)



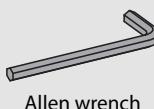
Cable management clip 2 (2)

STEP 9 - Adjust the mount angle

- 1 To adjust the arm tension (to make the arm easier or harder to move), loosen or tighten the tension screw with an Allen wrench.
- 2 To rotate the TV left or right, hold the sides of the TV, then push one side while pulling the other side.
- 3 To tilt of the TV up or down, hold the top and bottom of the TV, then tilt the TV forward or backward.

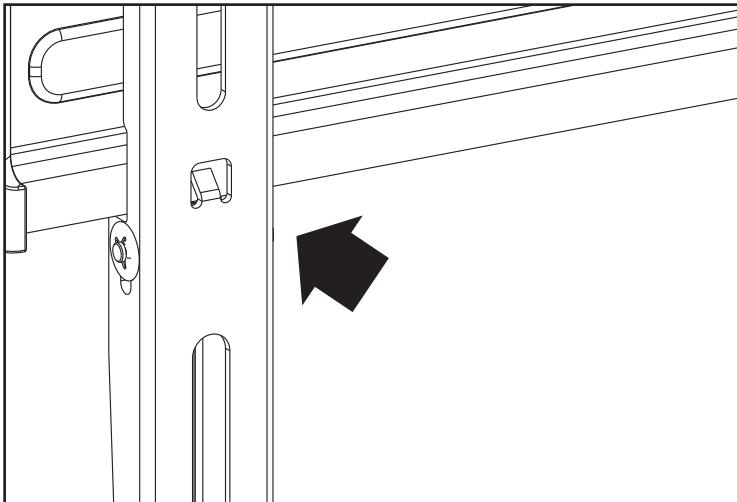


You'll need

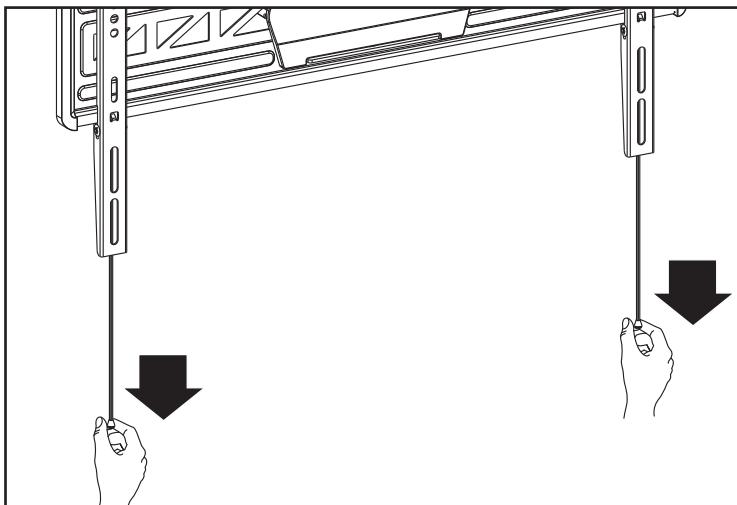


STEP 10 - Secure the TV to the wall plate

- Press the TV brackets against the wall-mounting plate until they lock into place.



To remove the TV from the wall mount, pull down on both ribbons on the bottom of the TV brackets to unlock the brackets, then lift the TV off the wall mount.



ONE-YEAR LIMITED WARRANTY

Definitions:

The Distributor* of Insignia branded products warrants to you, the original purchaser of this new Insignia-branded product ("Product"), that the Product shall be free of defects in the original manufacturer of the material or workmanship for a period of one (1) year from the date of your purchase of the Product ("Warranty Period").

For this warranty to apply, your Product must be purchased in the United States or Canada from a Best Buy branded retail store or online at www.bestbuy.com or www.bestbuy.ca and is packaged with this warranty statement.

How long does the coverage last?

The Warranty Period lasts for 1 year (365 days) from the date you purchased the Product. Your purchase date is printed on the receipt you received with the Product.

What does this warranty cover?

During the Warranty Period, if the original manufacture of the material or workmanship of the Product is determined to be defective by an authorized Insignia repair center or store personnel, Insignia will (at its sole option): (1) repair the Product with new or rebuilt parts; or (2) replace the Product at no charge with new or rebuilt comparable products or parts. Products and parts replaced under this warranty become the property of Insignia and are not returned to you. If service of Products or parts are required after the Warranty Period expires, you must pay all labor and parts charges. This warranty lasts as long as you own your Insignia Product during the Warranty Period. Warranty coverage terminates if you sell or otherwise transfer the Product.

How to obtain warranty service?

If you purchased the Product at a Best Buy retail store location or from a Best Buy online website (www.bestbuy.com or www.bestbuy.ca), please take your original receipt and the Product to any Best Buy store. Make sure that you place the Product in its original packaging or packaging that provides the same amount of protection as the original packaging.

To obtain warranty service, in the United States and Canada call 1-877-467-4289. Call agents may diagnose and correct the issue over the phone.

Where is the warranty valid?

This warranty is valid only in the United States and Canada at Best Buy branded retail stores or websites to the original purchaser of the product in the country where the original purchase was made.

What does the warranty not cover?

This warranty does not cover:

- Food, beverage, and/or medicine loss/spoilage.
- Customer instruction/education
- Installation
- Set up adjustments
- Cosmetic damage
- Damage due to weather, lightning, and other acts of God, such as power surges
- Accidental damage
- Misuse
- Abuse
- Negligence
- Commercial purposes/use, including but not limited to use in a place of business or in communal areas of a multiple dwelling condominium or apartment complex, or otherwise used in a place other than a private home.
- Modification of any part of the Product, including the antenna
- Display panel damaged by static (non-moving) images applied for lengthy periods (burn-in).

- Damage due to incorrect operation or maintenance
- Connection to an incorrect voltage or power supply
- Attempted repair by any person not authorized by Insignia to service the Product
- Products sold "as is" or "with all faults"
- Consumables, including but not limited to batteries (i.e. AA, AAA, C etc.)
- Products where the factory applied serial number has been altered or removed
- Loss or Theft of this product or any part of the product
- Display panels containing up to three (3) pixel failures (dots that are dark or incorrectly illuminated) grouped in an area smaller than one tenth (1/10) of the display size or up to five (5) pixel failures throughout the display. (Pixel based displays may contain a limited number of pixels that may not function normally.)
- Failures or Damage caused by any contact including but not limited to liquids, gels or pastes.

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Contact Insignia:

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