

Fixed wire TV wall mount for most 37 to 70 in flat-screen TVs and monitors.

QG-TM-001



Stainless steel wire rope with kickstands for cable access

STEEL

VESA · BRICK OR CONCRETE	100 × 100 · 200 × 200 · 400 × 400 · 600 × 600 · 800 × 800
VESA · WOOD STUDS	400 × 400 · 600 × 600 · 800 × 800

MAXIMUM RATED LOAD

110 lb / 50 kg

⚠ Caution. Do not exceed the maximum rated load. Overloading can cause serious injury or property damage.

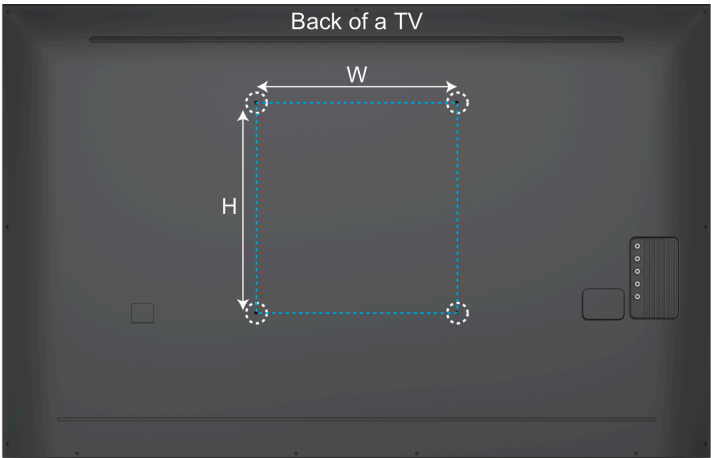
TV compatibility

FIRST, CHECK WEIGHT

Your TV or monitor weighs 110 lb / 50 kg or less.

NEXT, CHECK VESA

Your TV or monitor’s VESA mounting-hole pattern (W × H) is in the list below.

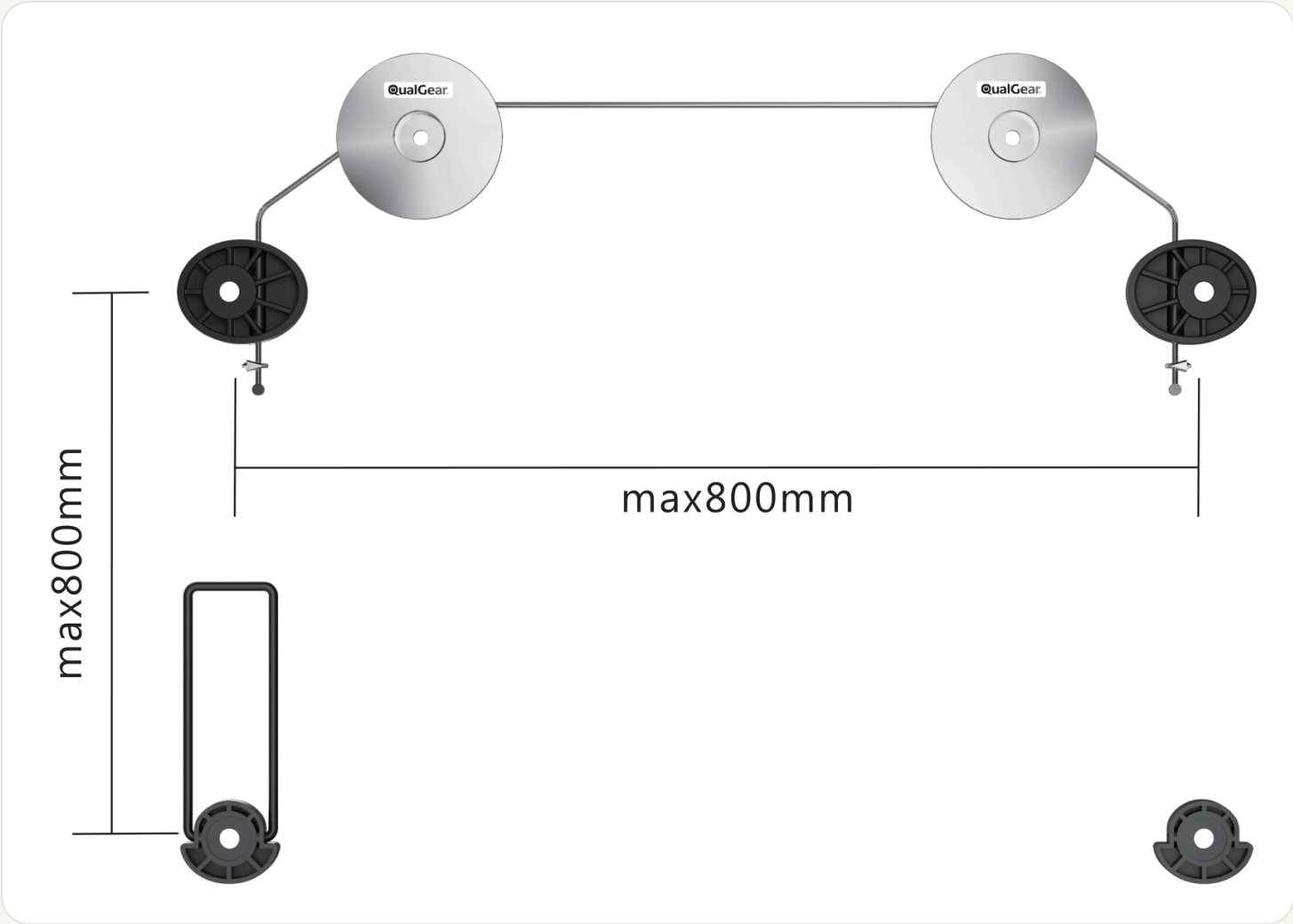


WALL TYPE	SUPPORTED VESA PATTERNS (MM)
Concrete or brick	100 × 100, 200 × 200, 400 × 400, 600 × 600, 800 × 800
Wood studs	400 × 400, 600 × 600, 800 × 800
Drywall, toggle bolts (not included)	100 × 100, 200 × 200, 400 × 400, 600 × 600, 800 × 800

Note. Wood studs, or concrete or solid brick, are the recommended installations, and the hardware for them is included. Drywall installation with toggle bolts (not included) is an alternative when a wood stud is not available where the wall plates must go, or when your TV’s VESA pattern is not supported on wood studs. Each toggle bolt must support at least three times the weight of your TV or monitor. Follow step 1c on page 10.

⚠ Disclaimer. QualGear has not tested this mount on drywall, and installation on drywall is at your own risk. If you install on drywall, the TV and mount must stay within both the maximum rated load of this mount (110 lb / 50 kg) and the ratings the toggle-bolt manufacturer states for your wall thickness and the number of toggle bolts used. Use the lower limit. QualGear is not responsible for any damage to your TV or monitor, property, personal injury, or death.

Dimensions



Maximum mounting-hole spacing: 800 mm horizontal and 800 mm vertical.

Contact us. If you have installation questions or need replacement parts, email support@qualgear.com or call +1 (972) 423-5015.

Before you begin

Note. Read this entire manual before you start installation and assembly.

⚠ Warning

- Do not begin to install your QualGear product until you have read and understood all instructions and warnings in this manual. If you have questions, email QualGear customer support at support@qualgear.com.
- This product should be installed only by someone with good mechanical aptitude and basic building construction experience who fully understands these instructions.
- This product is designed to be installed and used only as described in this manual. Improper installation can cause damage or serious injury. QualGear is not liable for improper use or installation of its products.
- Make sure the supporting surface will safely support the combined load of the equipment and all attached hardware and components.
- Always use an assistant or mechanical lifting equipment to lift and position the equipment safely.
- Tighten screws firmly, but do not overtighten. Overtightening can damage the parts and greatly reduce their holding power.
- All QualGear products are for indoor use only. Outdoor use voids the limited warranty.
- This QualGear product is designed for residential use only. Commercial use voids the warranty.
- When mounting to wood studs, make sure the mounting screws are anchored into the center of the studs. An edge-to-edge stud finder is highly recommended.
- When mounting to drywall without a stud, use toggle bolts (not included), each rated by its manufacturer to support at least three times the weight of your TV or monitor. Follow the toggle-bolt manufacturer’s instructions for hole size and minimum wall thickness. QualGear has not tested this mount on drywall.
- Do not use the included lag bolts (W-A) or concrete anchors (W-B) in drywall.
- Never exceed the maximum rated load specified in this manual: 110 lb / 50 kg.
- Use all bolts and screws at the designated points shown in these instructions to prevent property damage and personal injury.
- Do not install near air-conditioner vents or where there is excessive dust or smoke.
- When drilling holes in the wall, take care to avoid electrical cables and water or gas pipes in the wall.

Approved wall construction

WALL CONSTRUCTION	HARDWARE REQUIRED
Wood stud	Included
Solid concrete or brick	Included
Drywall (no stud), alternative, not tested by QualGear	Toggle bolts, not included (see step 1c)
Other	Contact a qualified professional

Parts checklist

⚠ Important. Before you start, make sure every part shown below is included. If any part is missing or damaged, contact your local distributor or support@qualgear.com for replacement parts. Do not start assembly and installation until you have all the parts.

Main parts

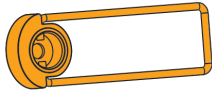
ILLUSTRATIONS NOT TO SCALE



Wall plates
A · ×2



Adapter bracket (wire rope)
B · ×1



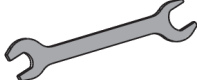
Kickstands
C · ×2



Clamps
D · ×2



Cable tie
E · ×1



Wrench
F · ×1

TV hardware

USE ONLY WHAT FITS YOUR TV



M4 × 14 mm screws
M - A · ×4



M5 × 14 mm screws
M - B · ×4



M6 × 14 mm screws
M - C · ×4



M8 × 20 mm screws
M - D · ×4



M6 × 30 mm screws
M - E · ×4



M8 × 50 mm screws
M - F · ×4



D5 washers
M - G · ×4



D8 washers
M - H · ×4



5 mm small spacers
M - I · ×8



15 mm large spacers
M - J · ×8

Wall hardware



ST6.3 × 65 mm lag bolts
W - A · ×2



10 × 60 mm concrete anchors
W - B · ×2



D6 washers
W - C · ×2

Not included. Toggle bolts for drywall installation (step 1c). Choose toggle bolts that fit the wall plate holes and are each rated to support at least three times the weight of your TV or monitor.

STEP 1 · MOUNT THE WALL PLATES

Mount to a wood stud wall

1a

Note. For a concrete or solid brick wall, follow step 1b on page 08. For drywall where a stud is not available, follow step 1c on page 10.

⚠ Important. The minimum VESA pattern for wood stud installation is 400 × 400 mm. If your TV's mounting holes are closer than 400 × 400 mm, do not use this mount on wood studs.



Stud finder

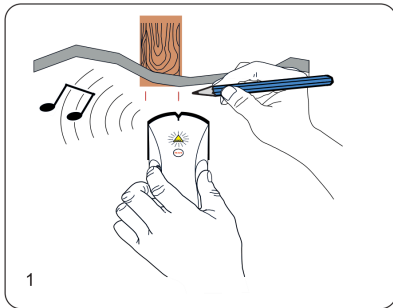
Level

Pencil

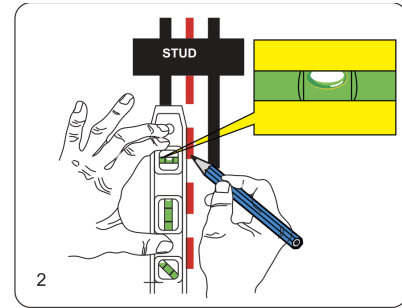
Power drill

3/16 in drill bit

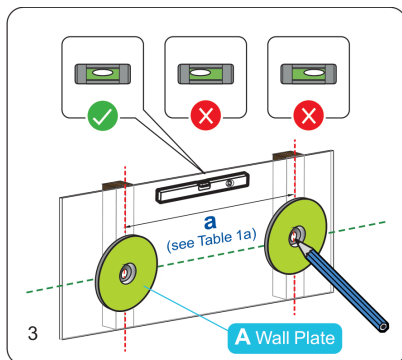
Socket wrench



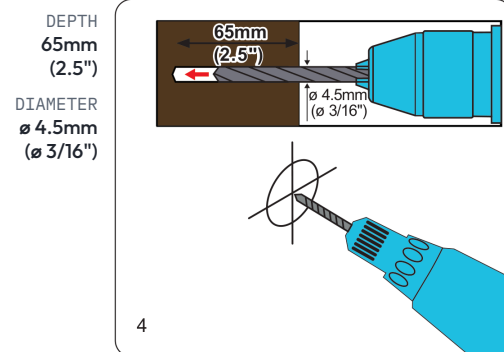
1a.1 Using an edge-to-edge stud finder, find the edges of the stud.



1a.2 Using a level, mark the centerline of the stud.



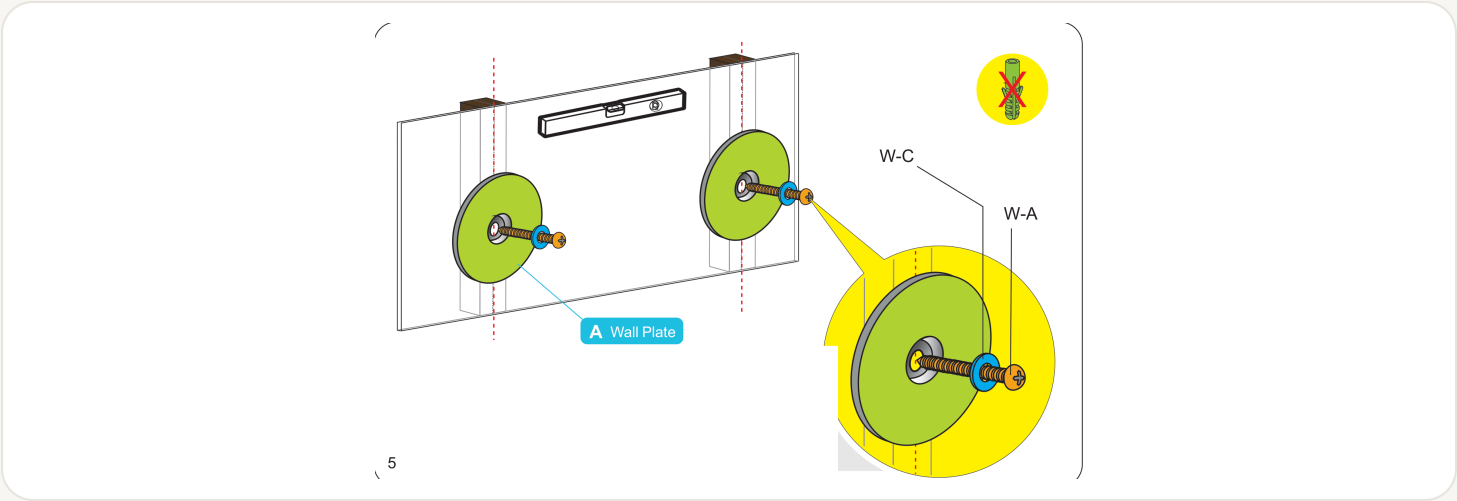
1a.3 Using a wall plate (A) as a template, mark two holes for drilling on the centerline of the stud. Spacing a is the distance between studs (see table 1a).



1a.4 Using a power drill and a 3/16 in drill bit, drill pilot holes 3/16 in (4.5 mm) in diameter and at least 2.5 in (65 mm) deep.

1a

Mount to a wood stud wall (continued)



1a.5 Mount the wall plates (A) and tighten them with the lag bolts (W-A) and D6 washers (W-C) using a socket wrench. Do not use the concrete anchors (W-B) in wood.

Note. Do not use a power drill to drive the lag bolts, and do not overtighten them.

Table 1a · Wire rope length (L)

a is the spacing between the wood studs. L is the actual length of the wire rope (see step 2).

VESA \ STUD SPACING A	406 MM (16 IN)	450 MM (17.7 IN)	600 MM (23.6 IN)
200 × 200 mm and below	Not compatible	Not compatible	Not compatible
400 × 400 mm	700 mm	710 mm	Not compatible
600 × 600 mm	750 mm	750 mm	880 mm
800 × 800 mm	880 mm	880 mm	900 mm

Tip. If your TV has a VESA pattern of 400 × 400 mm and the studs are 16 in apart, use a wire rope length of 700 mm.

⚠ Warning. Make sure the mounting screws are anchored into the center of the studs; a stud finder is highly recommended. Installers are responsible for providing hardware for other types of mounting situations. Installers must verify that the supporting surface will safely support the combined weight of the equipment and all attached hardware and components.

STEP 1 · MOUNT THE WALL PLATES

Mount to a concrete or solid brick wall

1b



Level

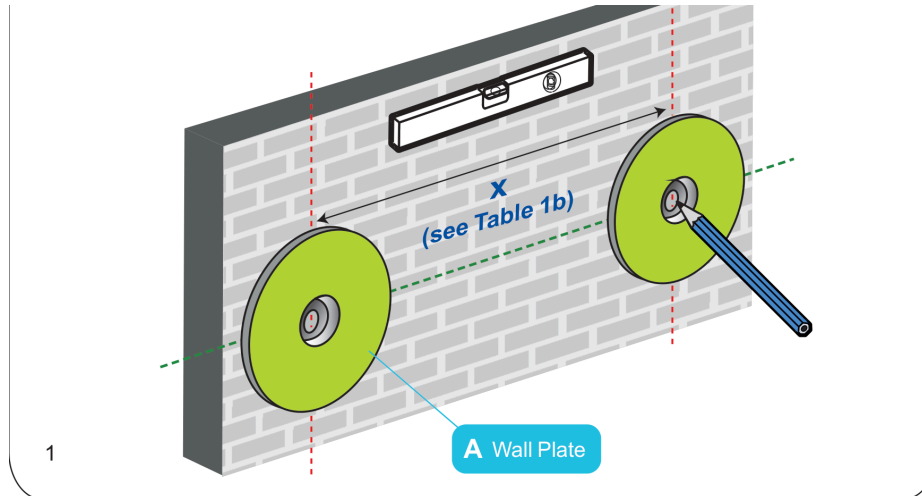
Pencil

Power drill

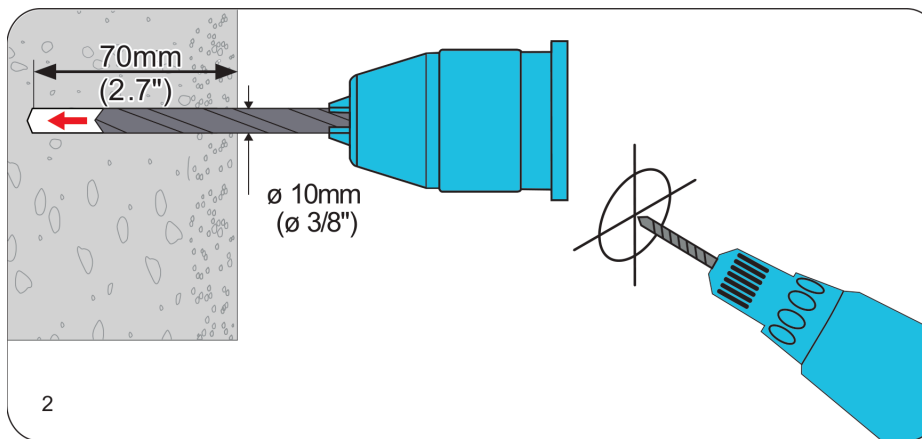
3/8 in masonry drill bit

Hammer

Socket wrench



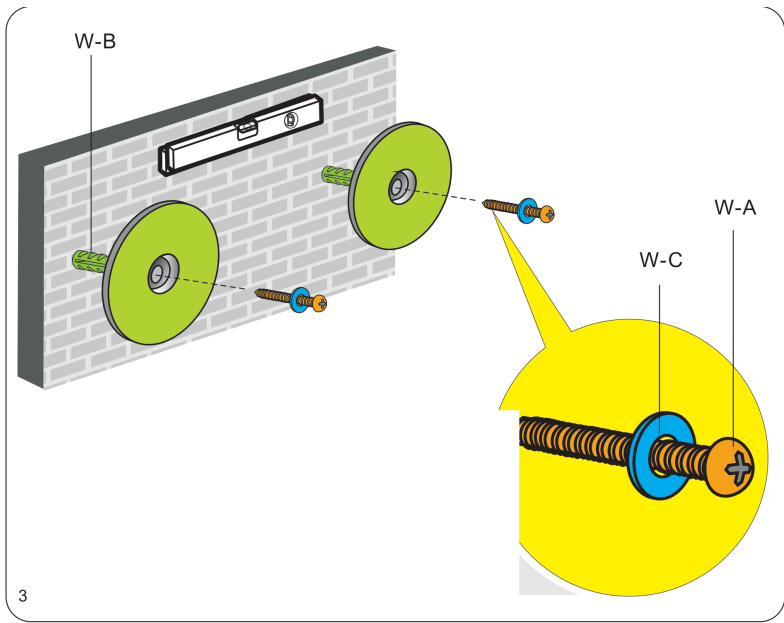
1b.1 Hold a wall plate (A) as a template against the wall where you want to install your TV, and mark two holes for drilling. Spacing X is the distance between the wall plates (see table 1b).



1b.2 Using a power drill and a 3/8 in masonry drill bit, drill mounting holes 3/8 in (10 mm) in diameter and 2.7 in (70 mm) deep at the marked locations.

1b

Mount to a concrete or solid brick wall (continued)



1b.3 Place a concrete anchor (W-B) in each hole and tap it flush with the wall using a hammer. Using a socket wrench, mount the wall plates and fasten them with the lag bolts (W-A) and D6 washers (W-C).

Note. Do not use a power drill to drive the lag bolts, and do not overtighten them.

Table 1b · Wall plate spacing (X) and wire rope length (L)

VESA	200 × 200 MM AND BELOW	400 × 400 MM	600 × 600 MM	800 × 800 MM
X	80–100 mm	180–220 mm	380–420 mm	580–620 mm
L	400 mm	500 mm	750 mm	900 mm

Tip. If your TV has a VESA pattern of 400 × 400 mm, mount the wall plates 180–220 mm apart and use a wire rope length of 500 mm.

⚠ Warning. Installers must verify that the supporting surface will safely support the combined weight of the equipment and all attached hardware and components.

STEP 1 • MOUNT THE WALL PLATES

Mount to drywall with toggle bolts

1c

⚠ Warning. QualGear has not tested this mount on drywall. Use this method only when a wood stud is not available where the wall plates must go, or when your TV's VESA pattern is not supported on wood studs. Toggle bolts are not included.

Stud finder

Level

Pencil

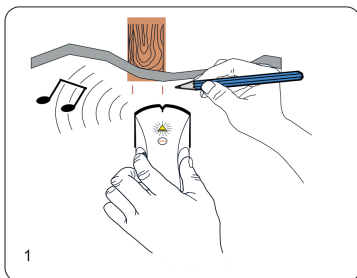
Power drill

Drill bit (size stated by the toggle-bolt manufacturer)

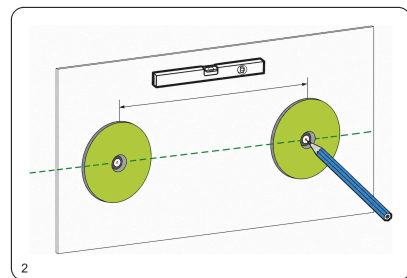
Screwdriver

Before you start, check:

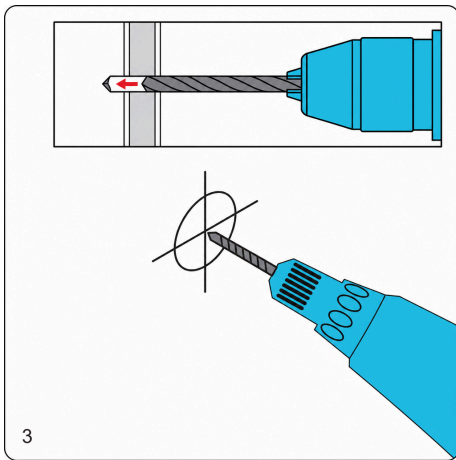
- Your TV or monitor weighs 110 lb / 50 kg or less.
- You have two toggle bolts, one for each wall plate (A). Each is rated by its manufacturer to support at least three times the weight of your TV or monitor.
- Your drywall is at least as thick as the toggle-bolt manufacturer's stated minimum.
- The TV and mount stay within the ratings the toggle-bolt manufacturer states for your wall thickness and for two toggle bolts.



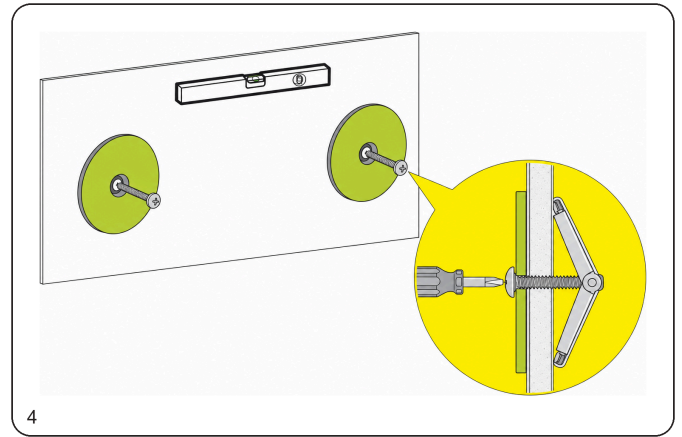
1c.1 Using an edge-to-edge stud finder, check the wall where you want to install your TV. If a wood stud is available where a wall plate must go, use step 1a for that wall plate.



1c.2 Hold a wall plate (A) as a template against the wall, level it, and mark two holes for drilling. Spacing X is the distance between the wall plates (see table 1b).

1c Mount to drywall with toggle bolts (continued)

1c.3 Using a power drill and the drill bit size stated by the toggle-bolt manufacturer, drill a hole at each marked location. Take care to avoid electrical cables and water or gas pipes in the wall.



1c.4 Following the toggle-bolt manufacturer's instructions, pass each toggle bolt through a wall plate (A) and into the wall. Tighten by hand to the manufacturer's instructions.

Note. Do not use a power drill to drive the toggle bolts, and do not overtighten them. Overtightening can crush the drywall and reduce its holding power.

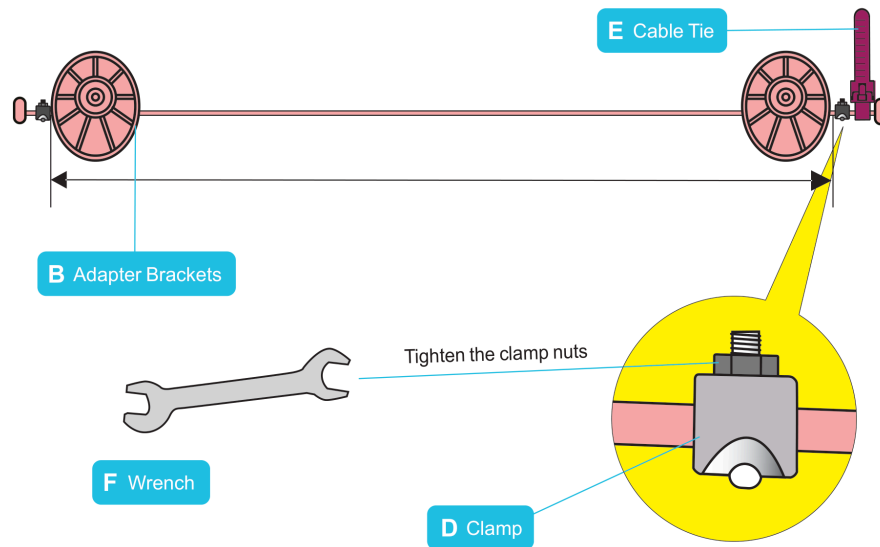
1c.5 Set the wire rope length (L) from table 1b on page 09 for your TV's VESA pattern.

⚠ Warning. Do not use the included lag bolts (W-A) or concrete anchors (W-B) in drywall. Installers must verify that the supporting surface will safely support the combined weight of the equipment and all attached hardware and components.

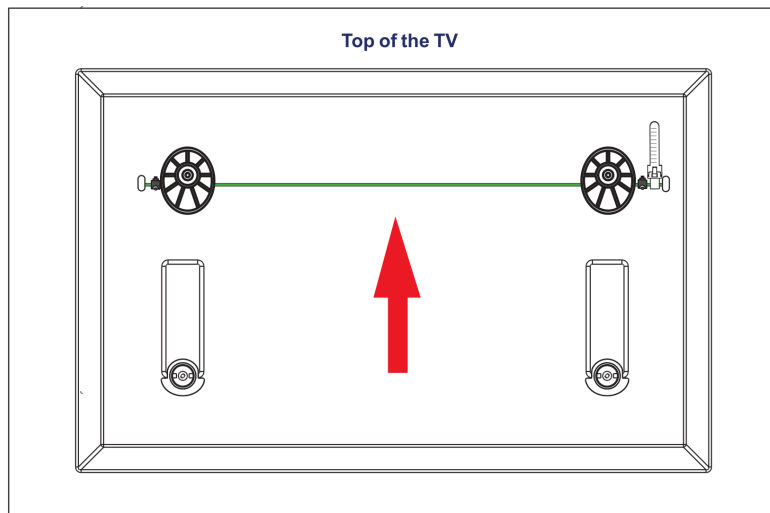
STEP 2

Install the adapter brackets

2



- 2.1 To adjust the wire rope length (L, from table 1a or 1b; for drywall use table 1b), loosen the nuts of the clamps (D), set the length, then retighten the clamp nuts using the wrench (F).

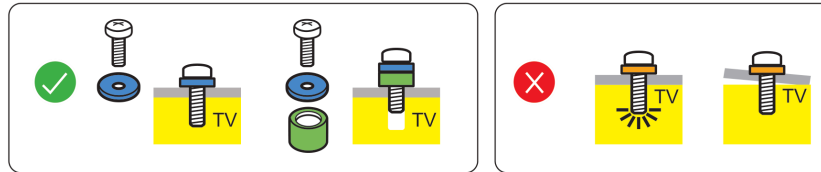


- 2.2 Position the adapter brackets (B) on the back of the TV with the wire rope toward the top of the TV.

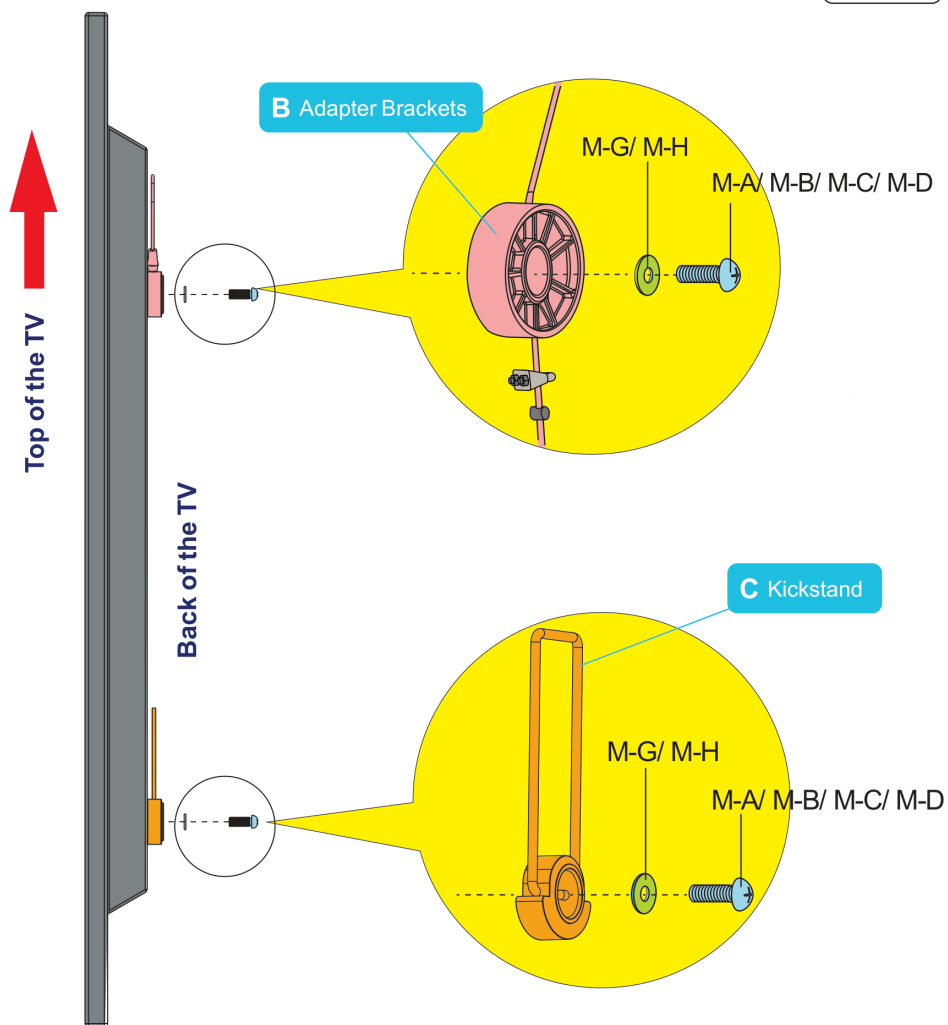
STEP 2A · FLAT BACK PANEL

Install on a flat-back TV

2a



Correct: use washers, and spacers where the holes are recessed. Incorrect: screws that are too long or too short.



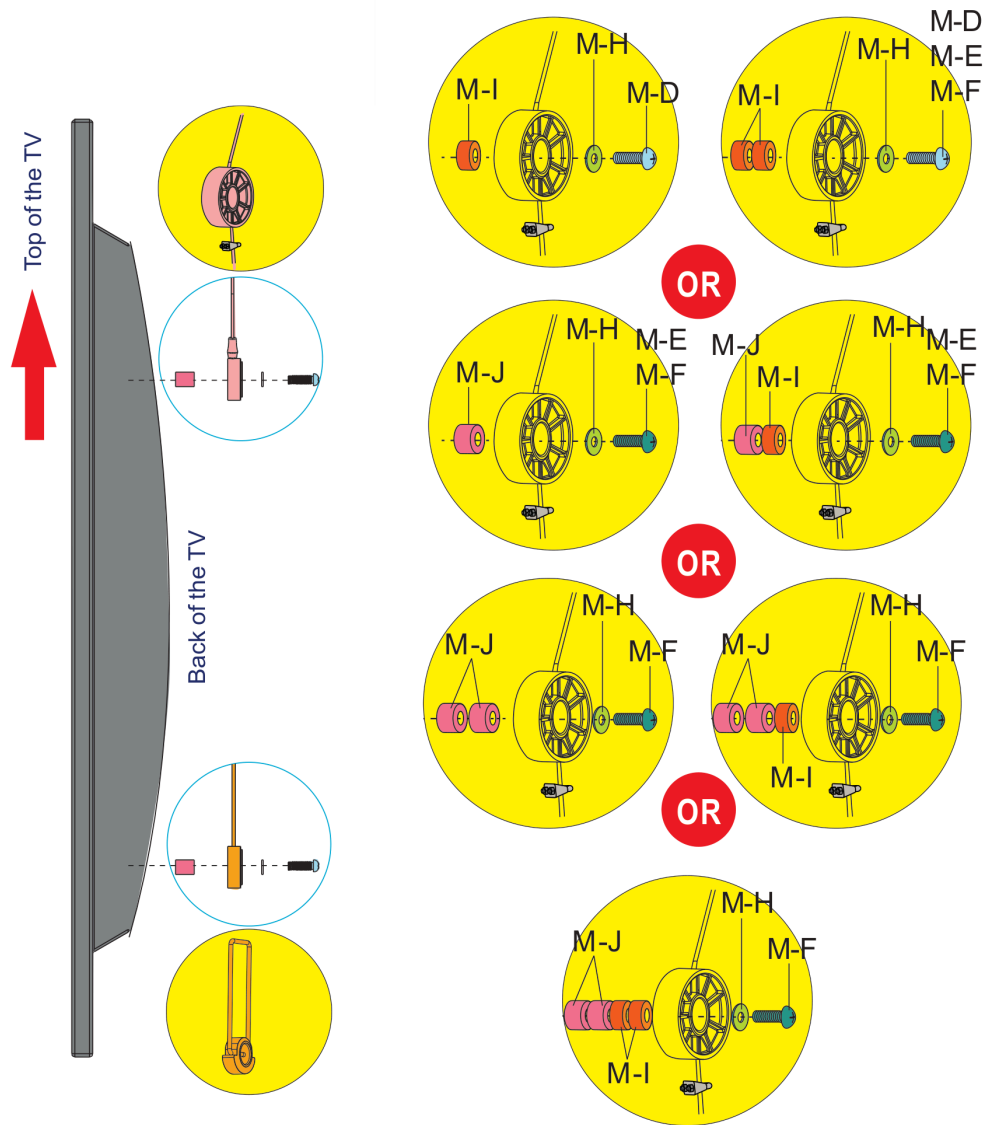
Choose the screws (M-A, M-B, M-C, or M-D) and washers (M-G or M-H) that fit your TV. Tighten the adapter brackets (B) and the kickstands (C) to the back of the TV using a Phillips screwdriver.

STEP 2B · CURVED OR RECESSED BACK

Install on a curved or recessed-back TV

2b

⚠ Important. Tighten all screws, but do not overtighten.



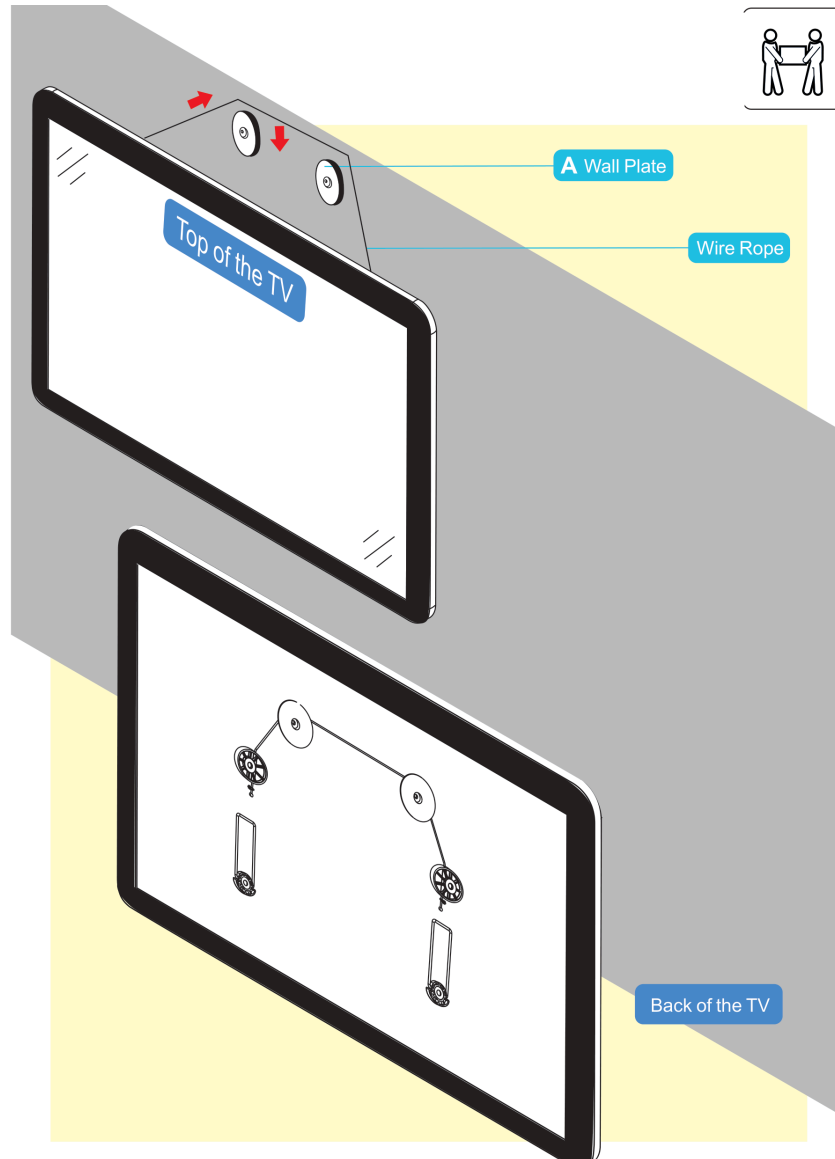
Choose the screws (M-D, M-E, or M-F), washers (M-H), and spacers (M-I, M-J) that fit your TV. Tighten the adapter brackets (B) and the kickstands (C) to the back of the TV using a Phillips screwdriver.

STEP 3

Hang the TV on the wall plates

3

⚠ Important. Heavy. Use an assistant for this step.

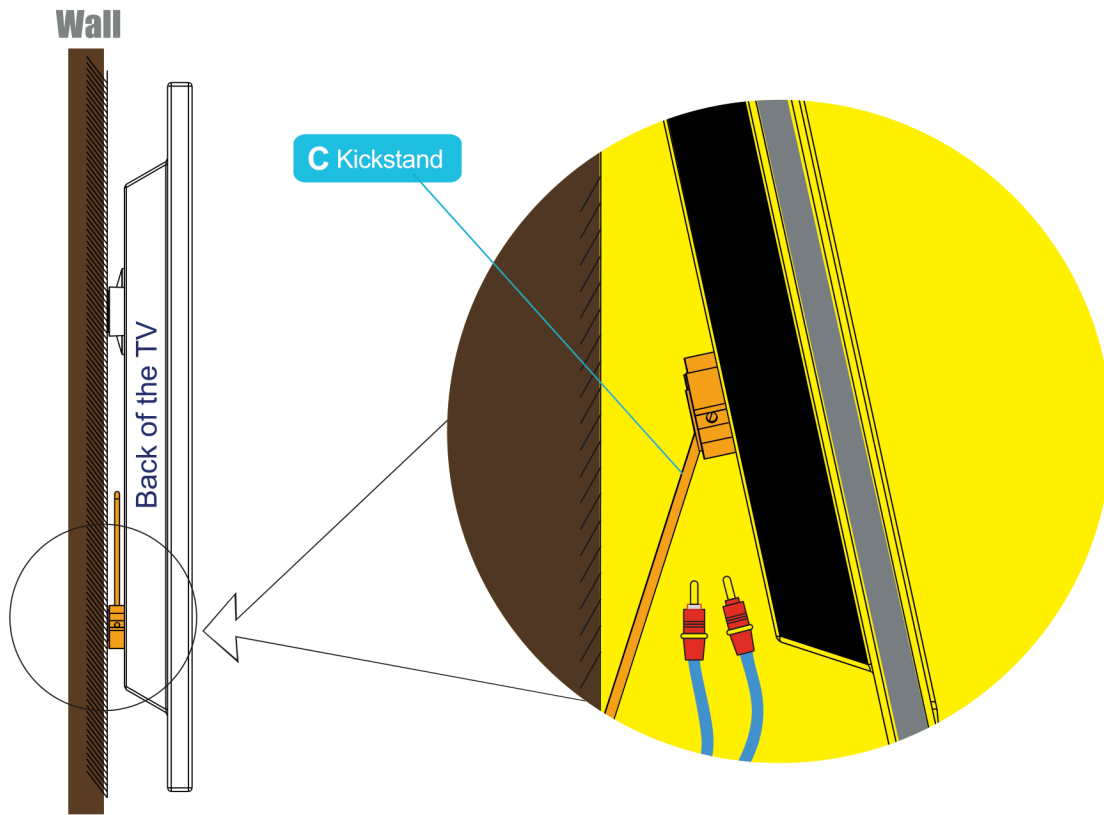


After the wall plates are safely secured to the wall, carefully lift your TV and hang the wire rope on the wall plates' rail. Make sure your TV is securely and correctly attached.

STEP 4

Manage the cables

4



Fold out the kickstands (C) to access the cables behind the TV. After all cables are installed, fold the kickstands back.

We're here to help. Real people in Anna, Texas.

QUALGEAR CUSTOMER SUPPORT

CALL

+1 (972) 423-5015

Monday to Friday, 9 a.m. to 5 p.m. Central Time

EMAIL

support@qualgear.com

Put your model number in the subject line

ONLINE

qualgear.com

Orders, returns, RMAs, warranty, and product questions



Scan for the Support hub
qualgear.com/pages/support

Before you contact us, have ready

- 01 Your model number: **QG-TM-001**
- 02 Your order number or dated proof of purchase
- 03 A short description of the issue, and the step number if it happened during installation
- 04 Photos of the part or installation, if we ask for them

Warranty claims

This product has a **1-year limited warranty (parts only)** from the original purchase date. Email us with this subject line:

Warranty Claim - QG-TM-001 -
[order number]

Do not mail or return anything until we issue an approved RMA or written instructions.

Maintenance

Check regularly that the wall mount is secure and safe to use. If you installed on drywall, also check that the wall plates are tight and the drywall around them is not cracked or pulling away. If it is, remove the TV and contact QualGear support. If you have questions about the instructions, contact your local distributor or QualGear technical support at support@qualgear.com.

USEFUL PAGES

Warranty

qualgear.com/pages/warranty

Returns and RMAs

qualgear.com/pages/qualgear-return-policy

FAQ

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