INSTALLATION MANUAL · FULL-MOTION TV WALL MOUNT

Ultra low profile articulating TV wall mount for most 23 to 55 in flat-screen TVs and monitors.

QG-TM-A-012



Tilt +10° / −15° · swivel 180° · level ±3°

BLACK

VESA PATTERNS (MM)	75 × 75 · 100 × 100 · 200 × 100 · 200 × 200 · 300 × 300 · 400 × 200 · 400 × 400

MAXIMUM RATED LOAD

77 lb / 35 kg

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

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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.
- Never exceed the maximum rated load specified in this manual: 77 lb / 35 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

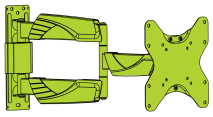
WALL CONSTRUCTION	HARDWARE REQUIRED
Wood stud	Included
Wood beam	Included
Solid concrete	Included
Brick	Included
Other	Contact a qualified professional

Parts checklist

⚠ **Important.** Before you start, check that 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 mount
A · ×1



Decorative covers
B · ×2



Extension arms
C · ×2



Extension arms
D · ×2



M6 × 8 mm screws
E · ×8



4 mm Allen key
F · ×1



M6 / M8 wrench
G · ×1



Marking template
H · ×1



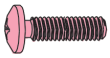
Bubble level
I · ×1

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

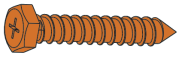


5 mm small spacers
M-I · ×8



15 mm large spacers
M-J · ×8

Wall hardware



ST6.3 × 65 mm lag bolts
W-A · ×4



10 × 60 mm concrete anchors
W-B · ×4

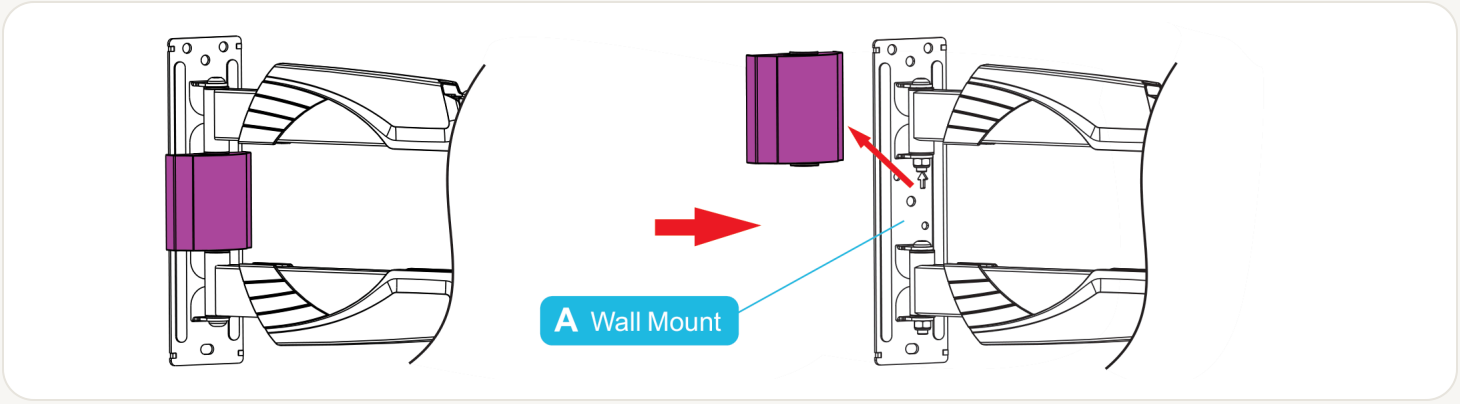


D6 washers
W-C · ×4

STEP 1

Remove the center decorative cover

1

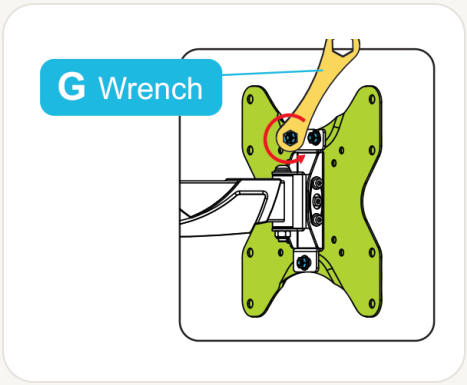


Slide the center decorative cover off the wall mount (A).

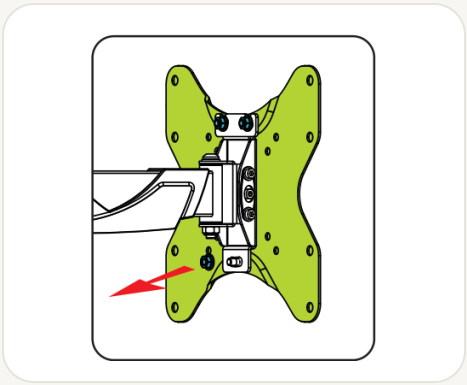
STEP 2

Remove the VESA plate

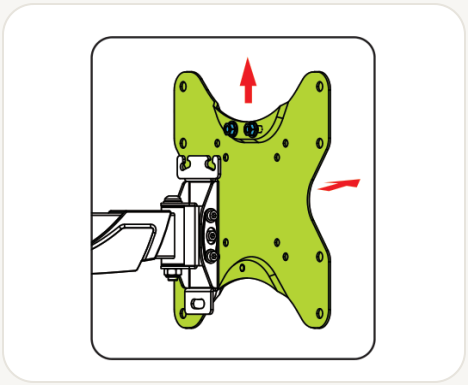
2



2.1 Loosen the top screws on the VESA plate with the wrench (G).



2.2 Remove the bottom screw on the VESA plate.



2.3 Lift the VESA plate off the mount.

STEP 3 · MOUNT THE WALL MOUNT

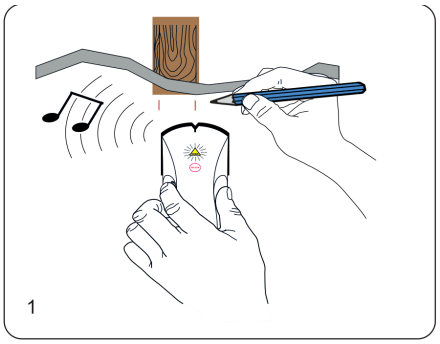
Mount to a wood stud wall

3a

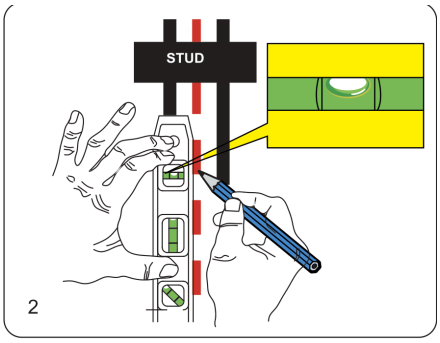
Note. For a concrete or brick wall, follow step 3b on page 07.



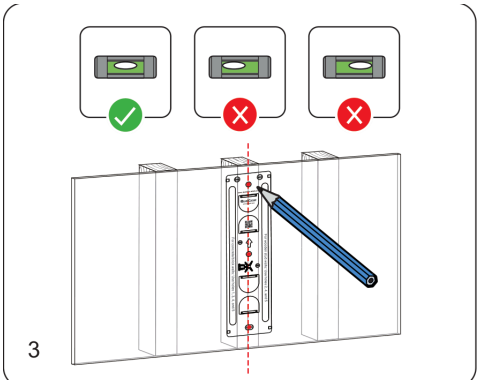
Stud finder | Level | Pencil | Power drill | 3/16 in drill bit | Socket wrench



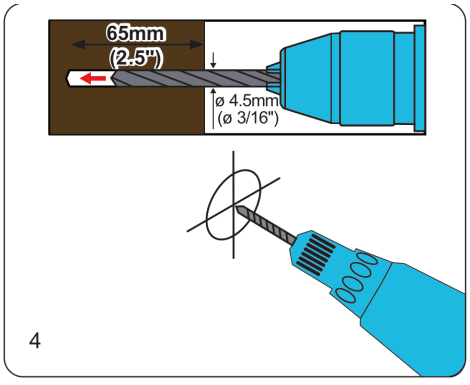
3a.1 Using an edge-to-edge stud finder, find the edges of the stud.



3a.2 Using a level, mark the centerline of the stud.

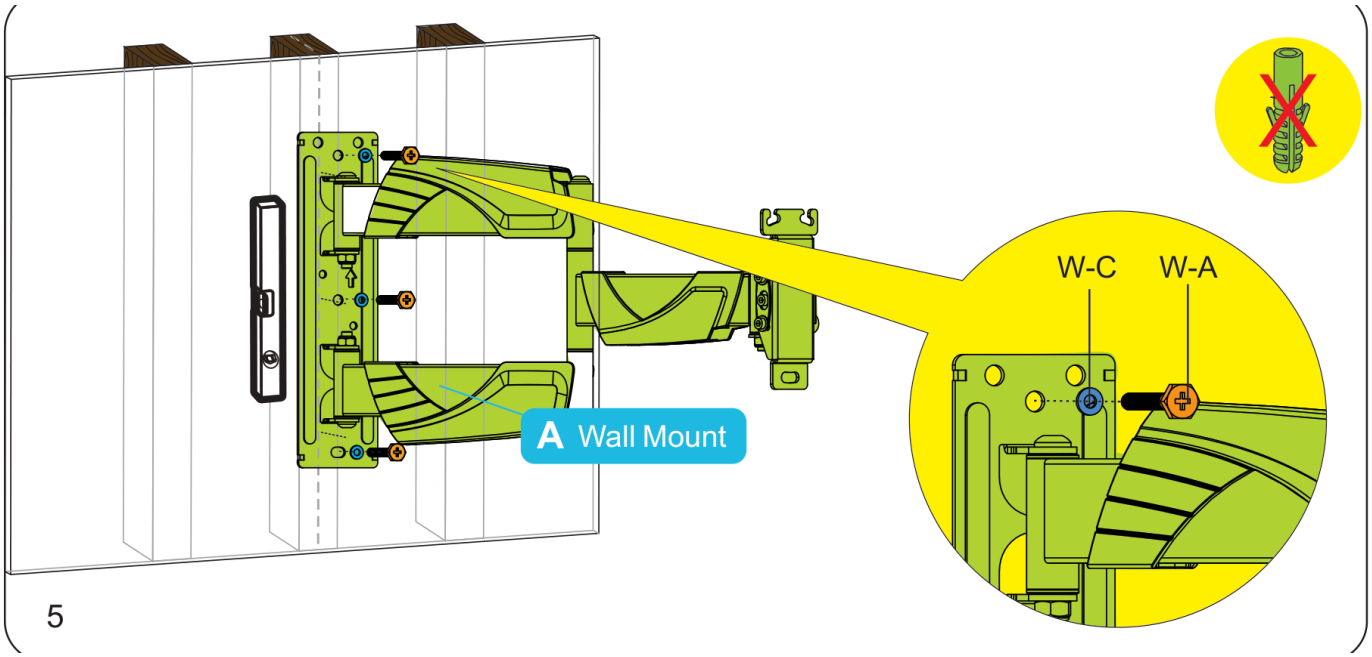


3a.3 Using the marking template (H), mark three holes for drilling on the centerline of the stud.



3a.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.

3a Mount to a wood stud wall (continued)



3a.5 Mount the wall mount (A) and tighten it 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.

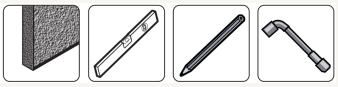
⚠ **Warning.** Make sure the mounting screws are anchored into the center of the studs; a stud finder is highly recommended. Installers are responsible for providing hardware for other types of mounting situations. Installers must verify that the supporting surface will safely support the combined weight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

WALL MOUNT INSTALLED · NEXT: STEP 4, PAGE 09

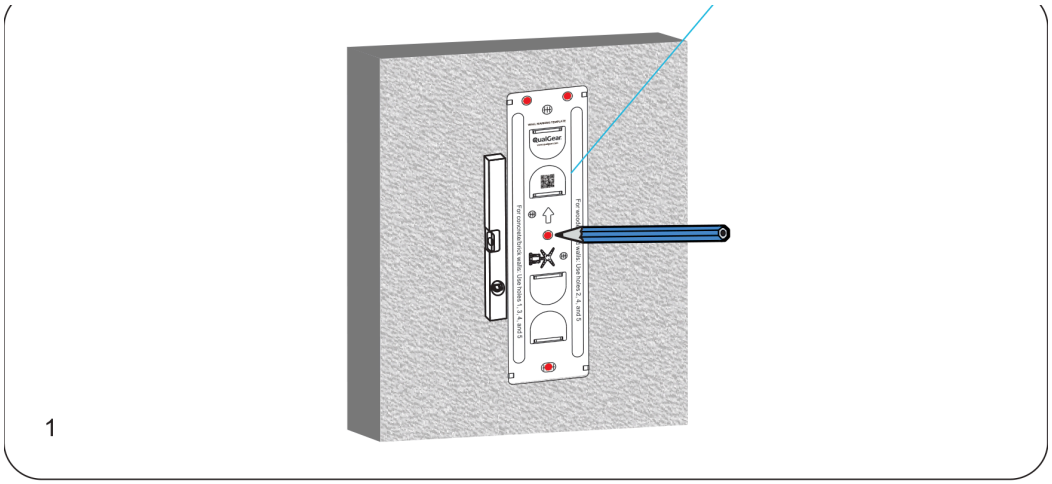
STEP 3 · MOUNT THE WALL MOUNT

Mount to a concrete or brick wall

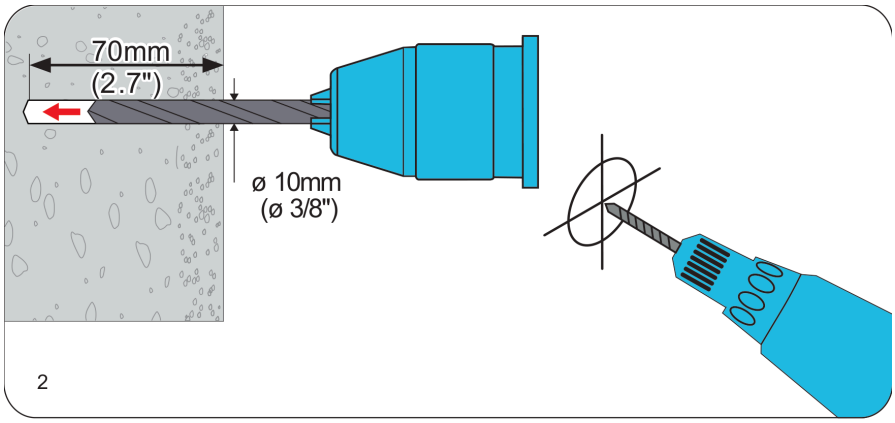
3b



Level | Pencil | Power drill | 3/8 in masonry drill bit | Hammer | Socket wrench

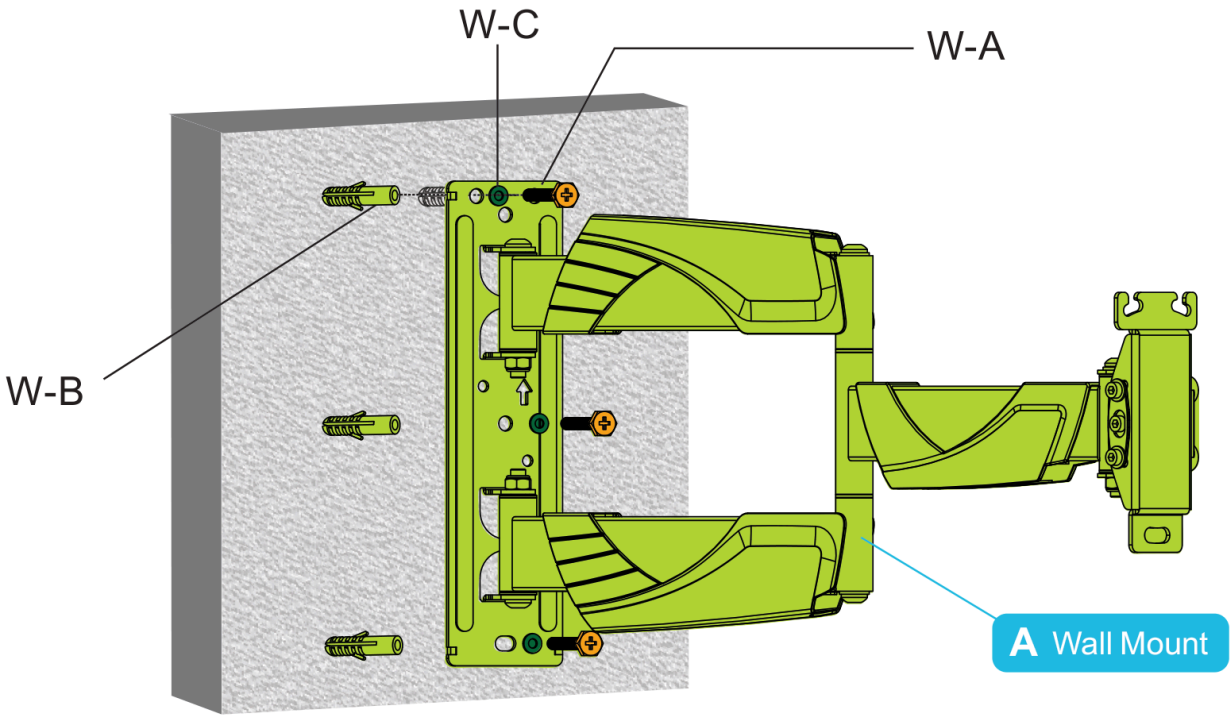


3b.1 Hold the marking template (H) against the wall where you want to install the TV, and mark four holes for drilling.



3b.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.

3b Mount to a concrete or brick wall (continued)



3b.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 mount (A) and fasten it with the lag bolts (W-A) and D6 washers (W-C).

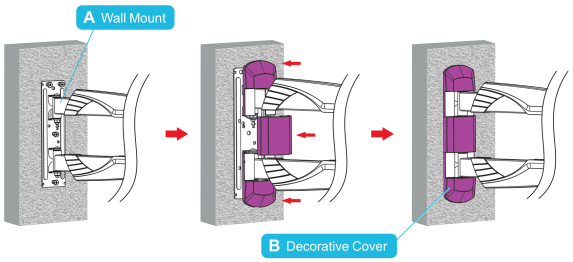
Note. Do not use a power drill to drive the lag bolts, and do not overtighten them.

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

STEP 4

Install the decorative covers

4



Snap the decorative covers (B) onto the wall mount (A).

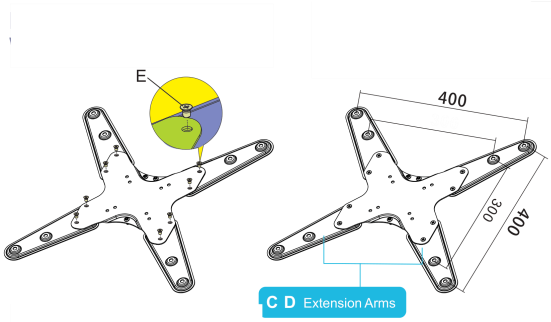
STEP 5

Attach the VESA extension arms

5

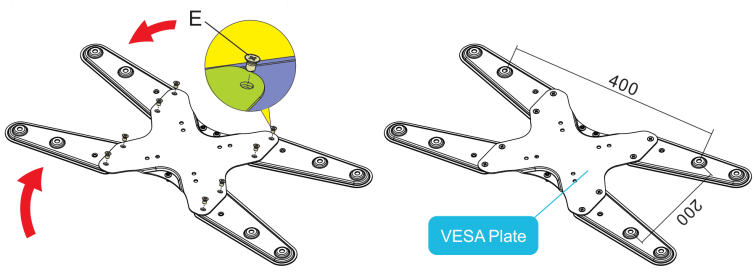
Note. For VESA 200 × 200 mm or smaller, the extension arms are not necessary.

For VESA 300 × 300 or 400 × 400 mm



Attach the extension arms (C and D) to the VESA plate with the M6 × 8 mm screws (E).

For VESA 400 × 200 mm



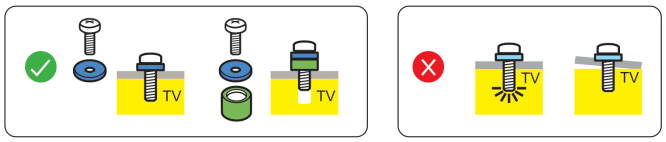
Rotate the extension arms (C and D) as shown and attach them with the screws (E).

STEP 6

Attach the VESA plate to the TV

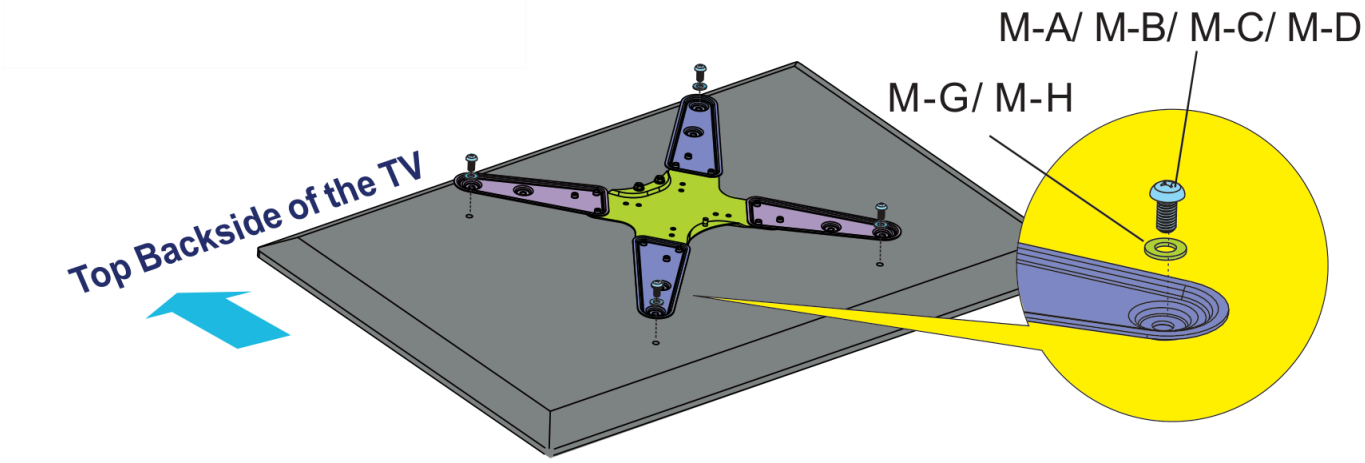
6

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



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

Flat back panel

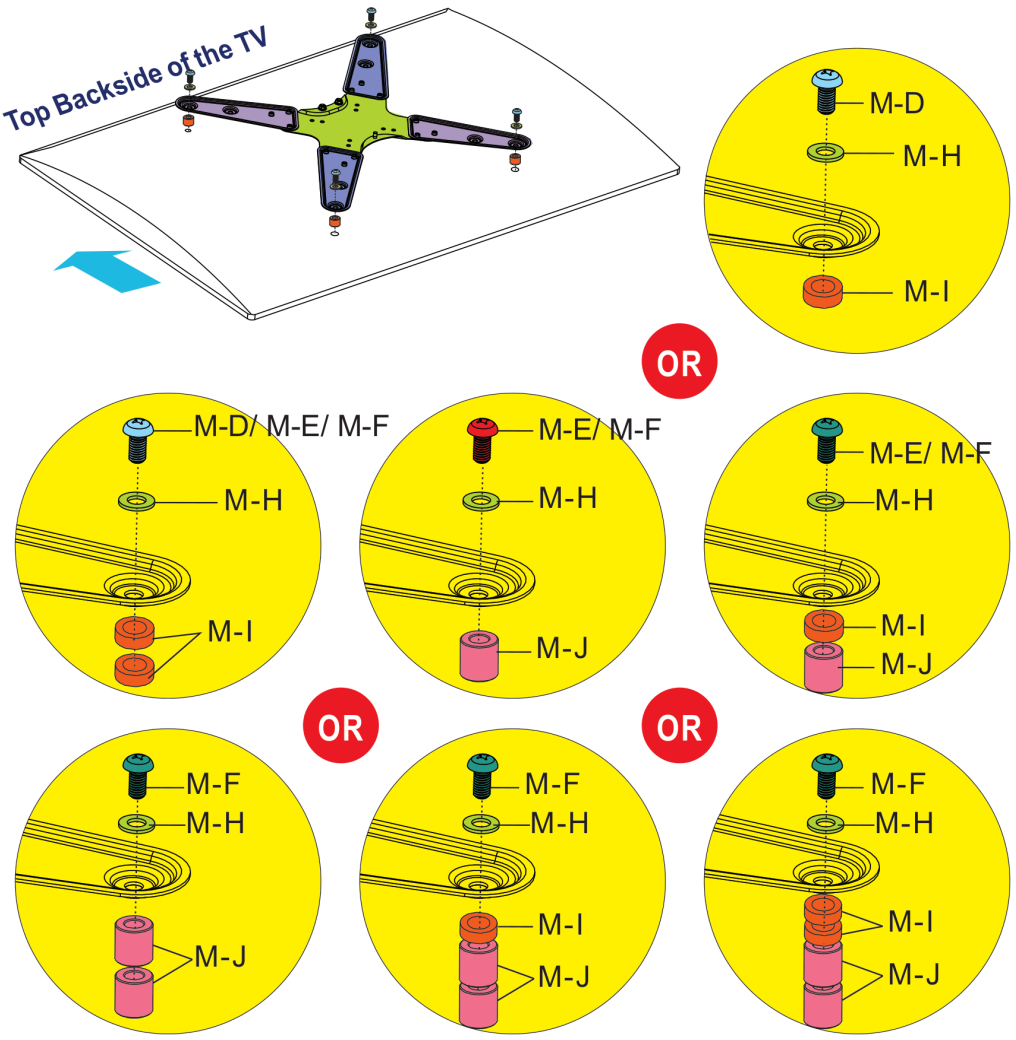


Use screws M-A, M-B, M-C, or M-D with washer M-G or M-H.

Choose the screws, washers, and spacers (if necessary) that fit your TV. Attach the VESA plate with extension arms to the back of the TV, then tighten the screws using a Phillips screwdriver.

6 Attach the VESA plate to the TV (continued)

Curved or recessed back panel



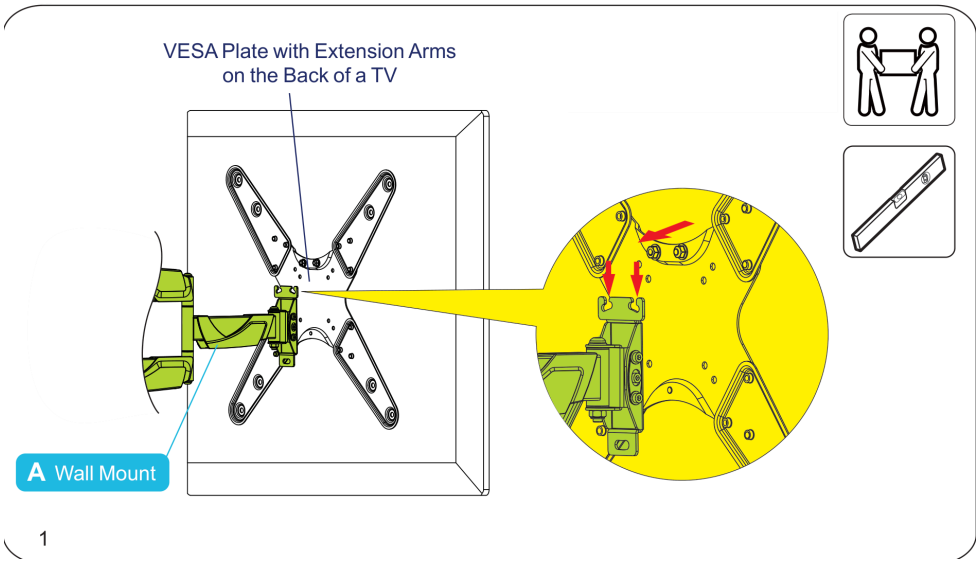
Use screws M-D, M-E, or M-F with washer M-H and small (M-I) or large (M-J) spacers as shown.

STEP 7

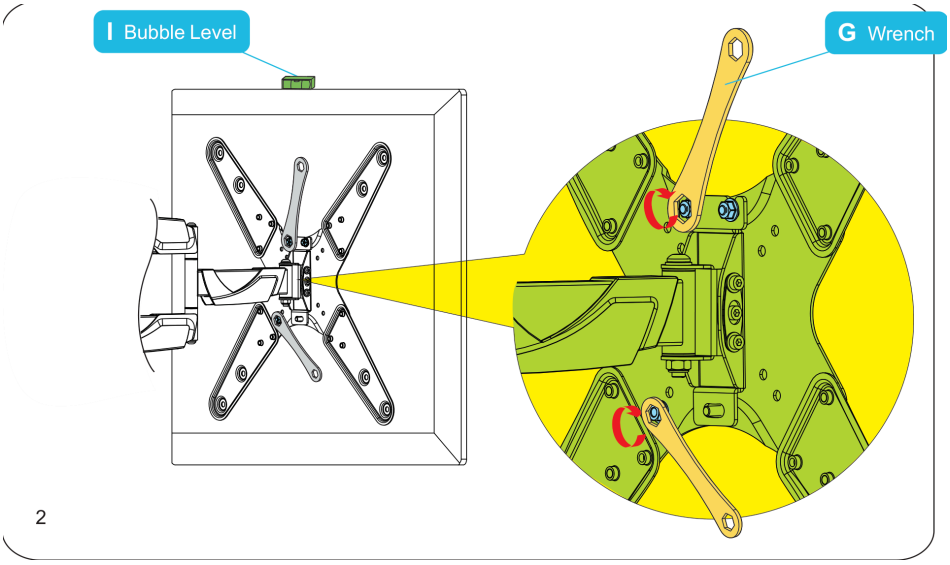
Hang the TV on the wall mount

7

⚠ **Important.** Heavy. Use an assistant for this step. Hold the TV securely until all screws are firmly installed before releasing it.



7.1 Lift the TV and guide the screws into the mounting holes on the mount.

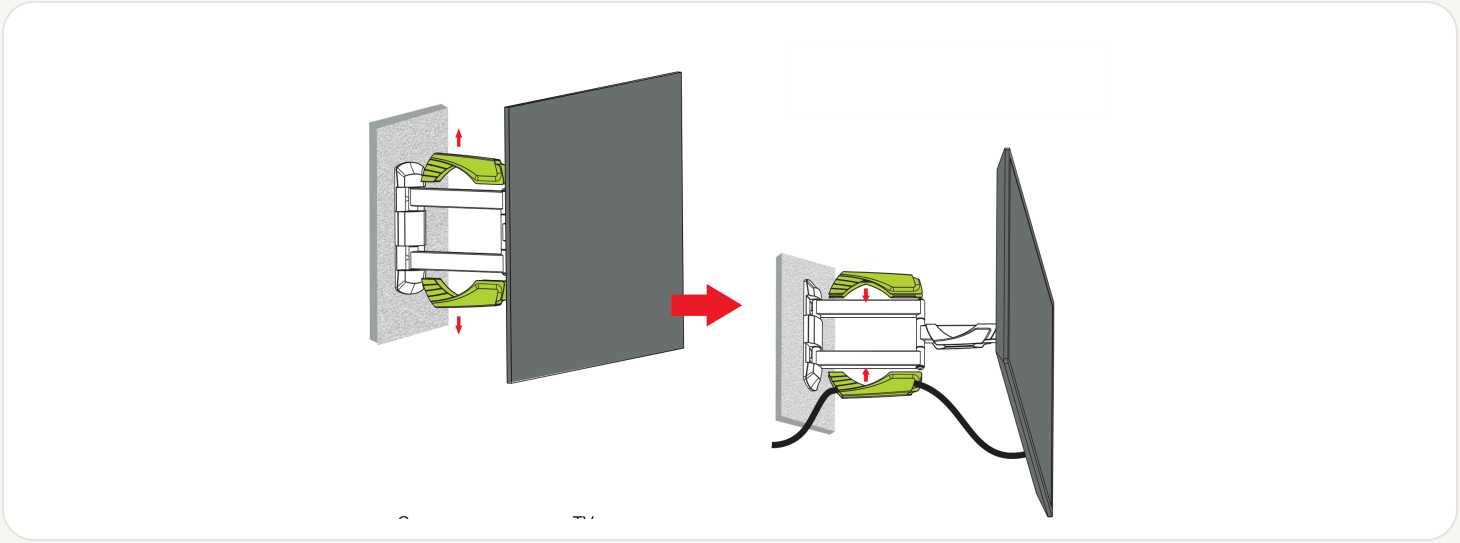


7.2 Place the lower nut, level the TV with the bubble level (I), and tighten all three nuts using the wrench (G). Tighten all screws, but do not overtighten.

STEP 8

Manage the cables

8



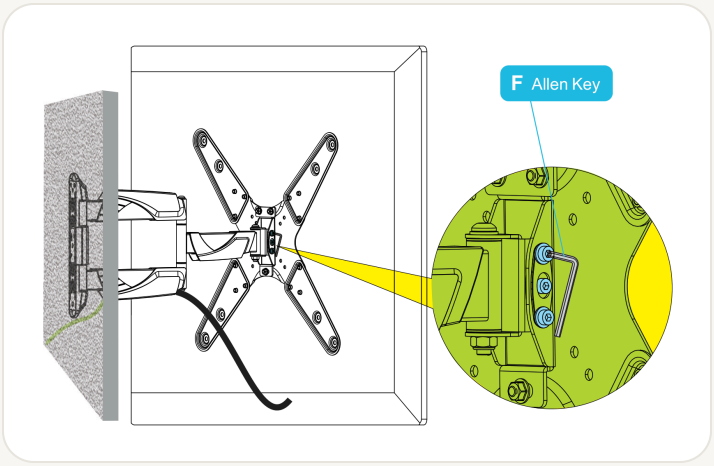
Connect the cables to your TV and route them through the cable holders and along the arms.

Note. Leave slack in the cables for arm movement.

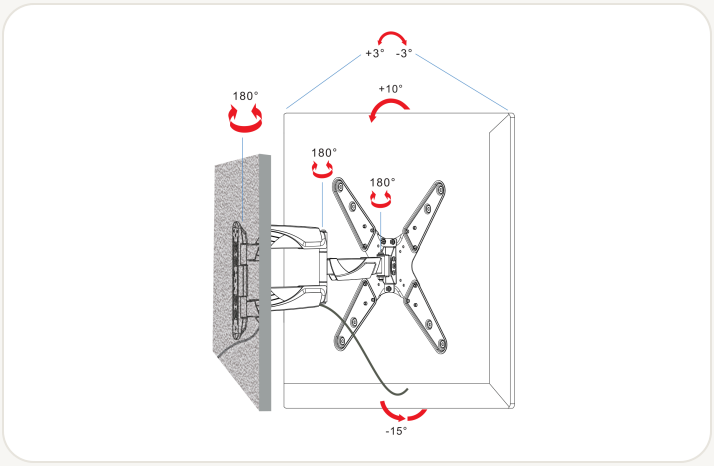
STEP 9

Adjust the TV

9



9.1 Loosen the screws with the Allen key (F) and make adjustments.



9.2 Tilt +10° to −15°, level +3° to −3°, and swivel 180° at each joint.

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-A-012`
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-A-012 –
[order number]
```

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

Maintenance

Check at regular intervals that the mount is secure and safe to use. If you have questions about any instruction or warning, contact QualGear support using the details above.

USEFUL PAGES

Warranty	qualgear.com/pages/warranty
Returns and RMAs	qualgear.com/pages/qualgear-return-policy
FAQ	qualgear.com/pages/faq
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