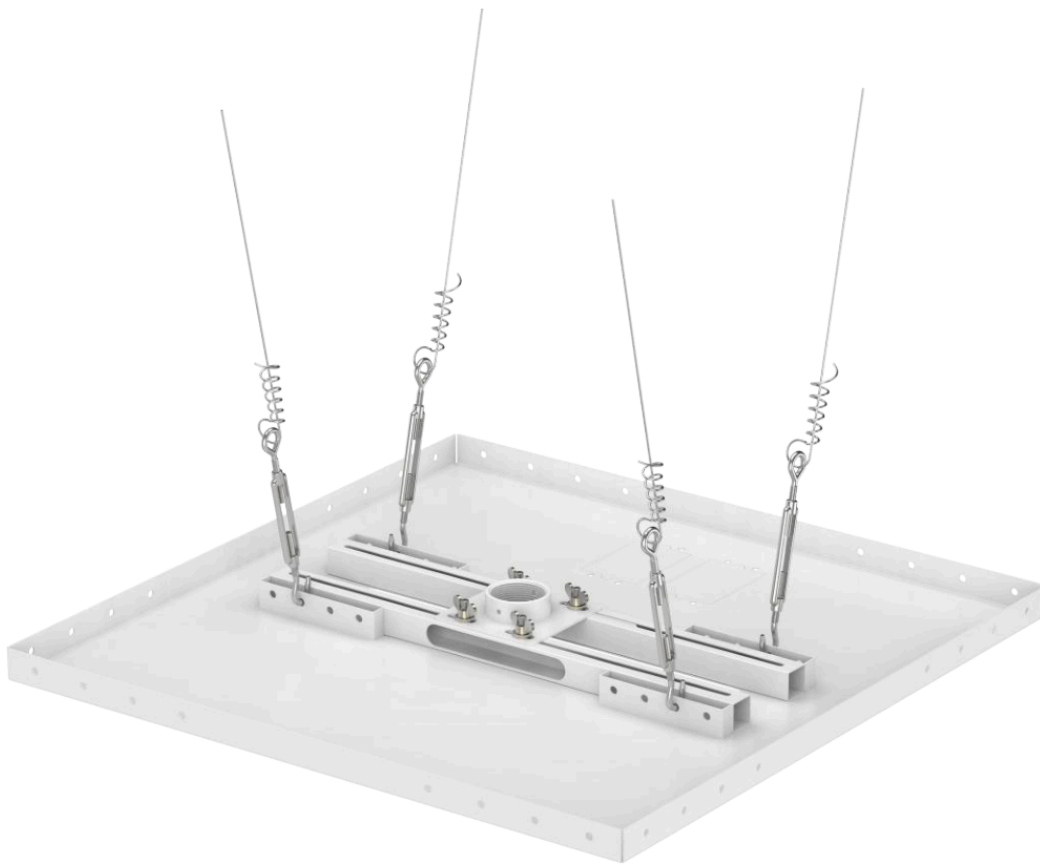


Suspended ceiling adapter for wood joists, concrete, and trusses.

QG-PRO-PM-SCA2-W

Ceiling plate, 1.5 in NPT

WHITE (W)

MAXIMUM RATED LOAD

60 lb / 27.2 kg

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

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, U.S. customers can email QualGear support at support@qualgear.com. International customers should contact their local distributor.
- 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. For warranty information, visit qualgear.com/pages/warranty.
- Never exceed the maximum rated load specified in this manual: 60 lb / 27.2 kg.
- Use all hardware at the designated points shown in these instructions to prevent property damage and personal injury.
- This product is designed to be compatible with all standard 1.5 in NPT pipes.
- Installers are responsible for providing hardware for other types of mounting situations.

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

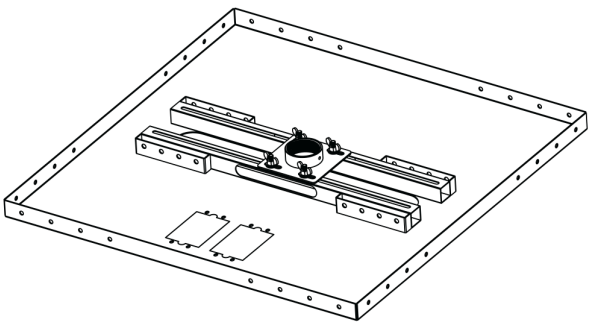
⚠ Important. Do not loosen screws all the way when making adjustments. The parts can disconnect and cause injury or property damage.

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.

Ceiling plate

ILLUSTRATIONS NOT TO SCALE



Ceiling plate

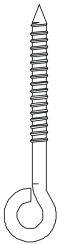
A · ×1

Hardware package



M6 × 50 mm
concrete anchors

C · ×4



M6 × 100 mm eye bolts

D · ×4



M6 × 145 mm
turnbuckles

E · ×4



M5 × 5 mm security
screws

F · ×2



M5 × 5 mm screws

G · ×2



Allen key

I · ×1



8 m wire

J · ×1

STEP 1 · INSTALL THE SUSPENSION POINTS

Mount to a wood joist or stud

1a

Note. For a concrete ceiling, follow step 1b on page 05. For a truss, follow step 1c on page 06.



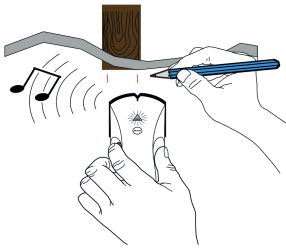
Edge-to-edge stud finder

Pencil

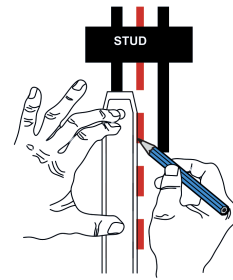
Straight edge

Power drill

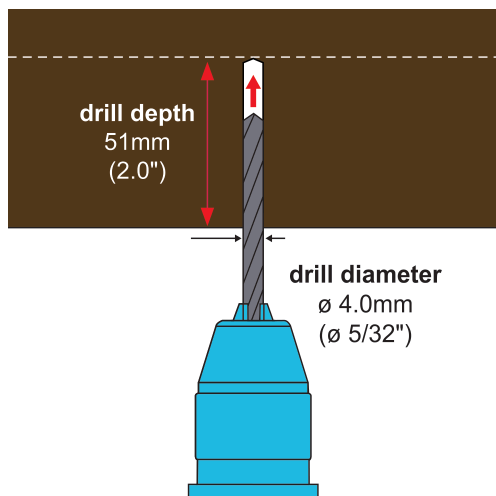
5/32 in wood drill bit



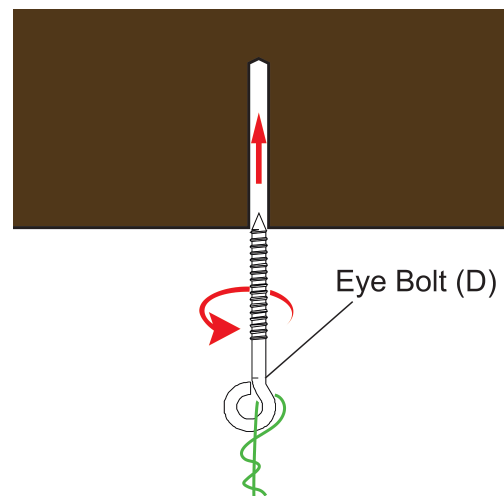
1a.1 Using an edge-to-edge stud finder, find the edges of the stud.



1a.2 Using a straight edge, mark the centerline of the stud and the locations where you want to mount the ceiling adapter.



1a.3 Using a power drill and a 5/32 in wood drill bit, drill holes 5/32 in (4 mm) in diameter and 2 in (51 mm) deep at the marked locations.



1a.4 Install the eye bolts (D) into the drilled holes. Loop the wire (J) through the eye of each bolt and twist it several times to secure it.

Tip. Mark the drill locations on the center of the studs for security.

NEXT: STEP 2, PAGE 07

STEP 1 · INSTALL THE SUSPENSION POINTS

Mount to a concrete ceiling

1b

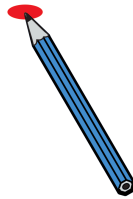


Pencil

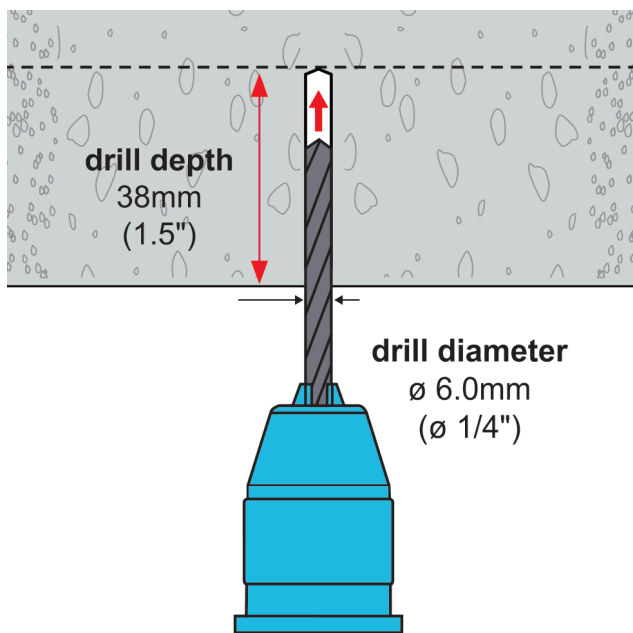
Power drill

1/4 in masonry drill bit

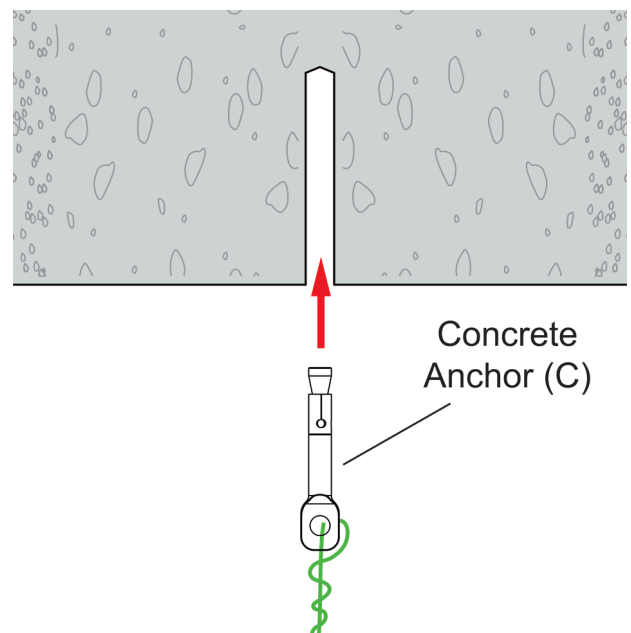
Hammer



1b.1 Mark the locations where you want to mount the suspended ceiling adapter.



1b.2 Using a power drill and a 1/4 in masonry drill bit, drill four holes 1/4 in (6.0 mm) in diameter and 1.5 in (38 mm) deep at the marked locations.



1b.3 Insert and hammer the concrete anchors (C) into the drilled holes. Loop a wire (J) through the end of each anchor and twist it around itself a few times to secure it.

Tip. Make sure the drilled holes are free of dust so the anchors set properly.

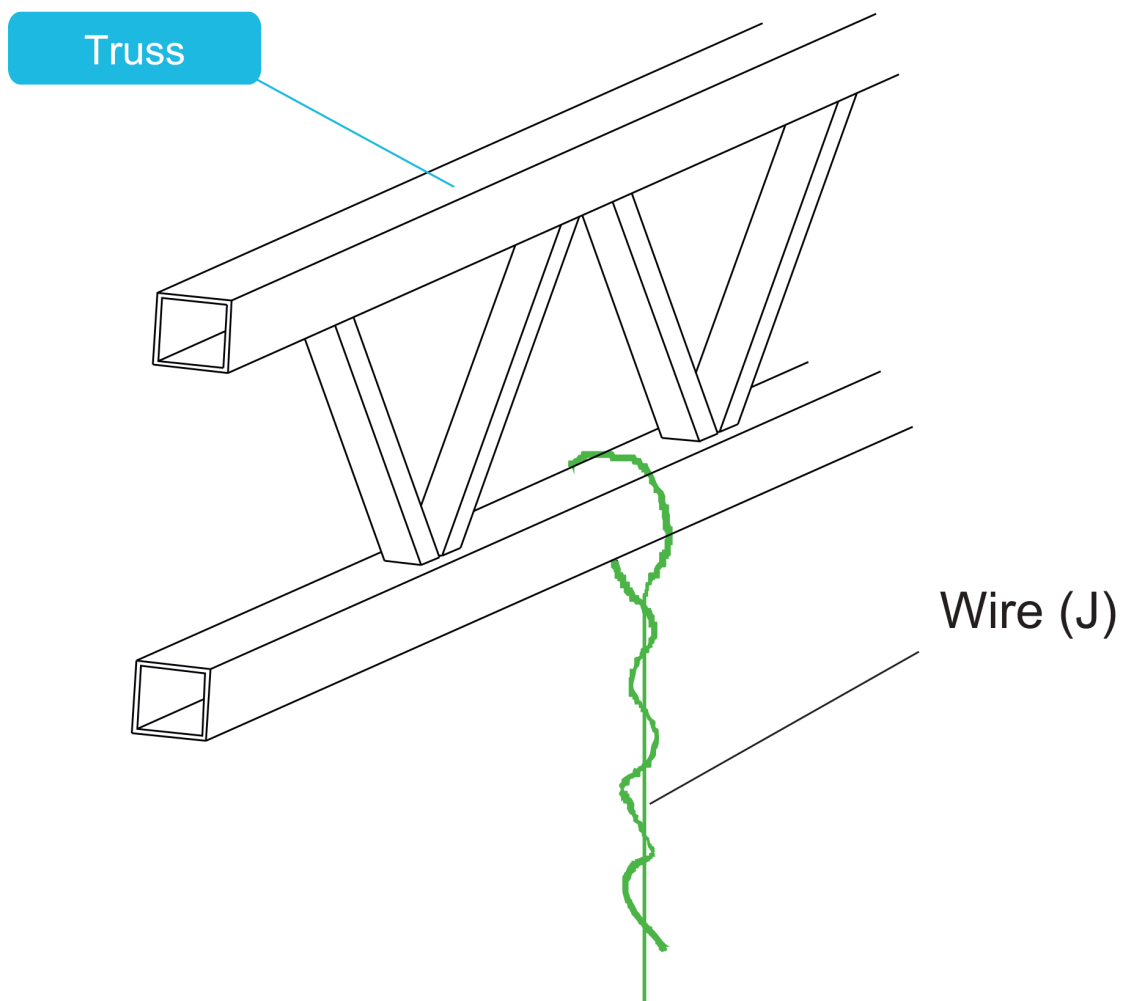
CONCRETE INSTALLATION COMPLETE · NEXT: STEP 2, PAGE 07

STEP 1 · INSTALL THE SUSPENSION POINTS

Mount to a truss

1c

Loop the wire (J) around the truss and twist it around itself several times to secure it.



TRUSS INSTALLATION COMPLETE · NEXT: STEP 2, PAGE 07

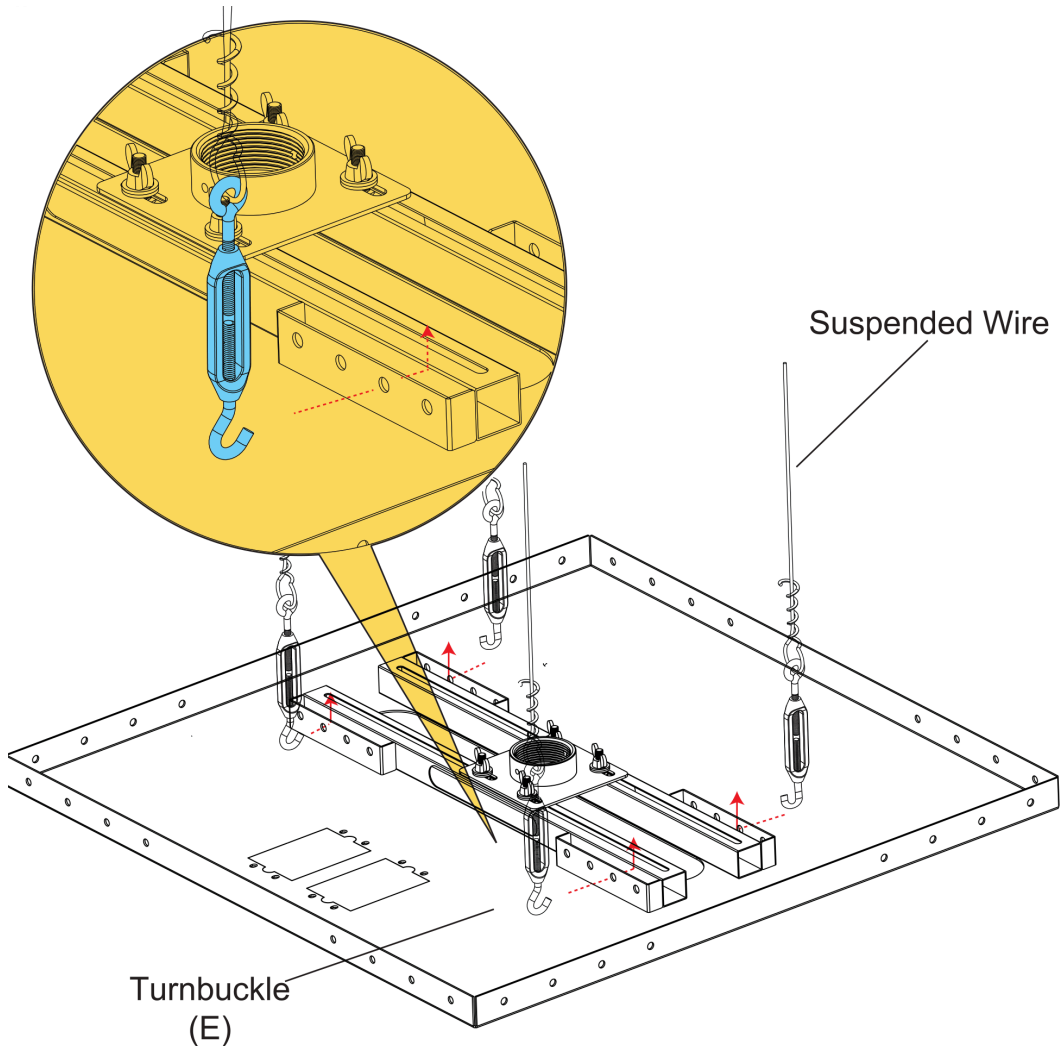
STEP 2

Hang the ceiling plate

2



Level



- 01 Attach the suspended wire from step 1 to the turnbuckles (E).
- 02 Hook the turnbuckles onto the ceiling plate (A).
- 03 Adjust the turnbuckles until the ceiling plate is level and sits in the grid in place of a ceiling tile.

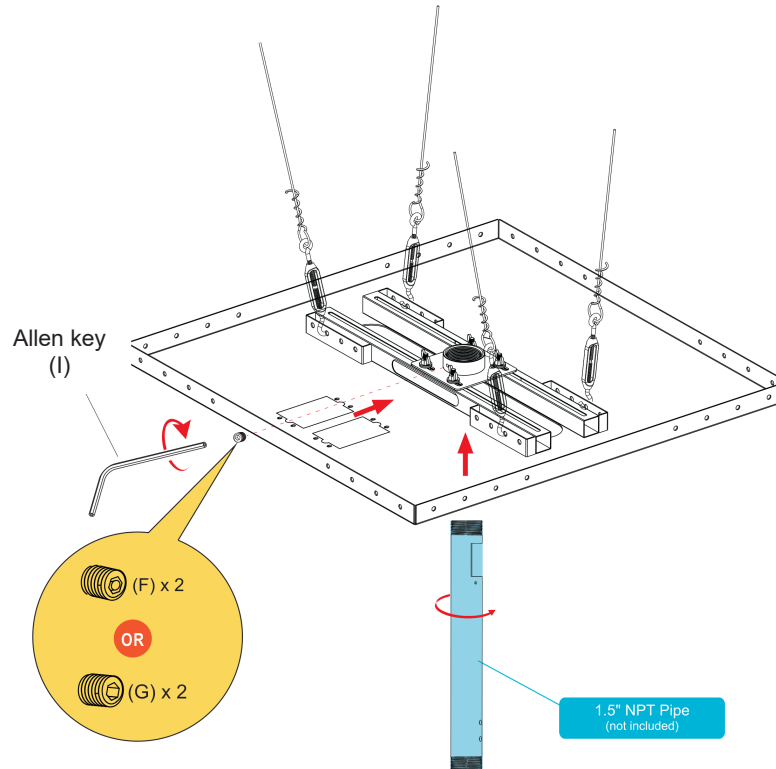
⚠ Warning. Installers are responsible for providing hardware for other types of mounting situations. Installers must verify that the supporting surface will safely support the combined weight of the equipment and all attached hardware and components.

STEP 3

Position the collar and attach the pipe

3

⚠ Important. Do not loosen screws all the way when making adjustments. The parts can disconnect and cause injury or property damage.



- 01 Before attaching the 1.5 in NPT pipe, loosen the wing nuts.
- 02 Slide the collar along the ceiling plate to the desired position.
- 03 Tighten the wing nuts to secure the position of the collar.
- 04 Twist the male threaded end of the 1.5 in NPT pipe (sold separately) into the female thread of the adapter.
- 05 Secure the position with two screws (F or G), using the Allen key (I).

Note. The collar slides to the desired position within a lateral adjustment range of 17.24 in (438 mm).

Note. The ceiling plate takes the place of one 2 × 2 ft ceiling tile in the grid and is visible from below. In a 2 × 4 ft grid opening, it fills one half; a 2 × 2 ft ceiling tile (not included) fills the other half.

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-PRO-PM-SCA2-W**
- 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 **5-year limited warranty (parts only)** from the original purchase date. Email us with this subject line:

Warranty Claim – QG-PRO-PM-SCA2-W –
[order number]

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

Maintenance

Check at regular intervals that the ceiling adapter 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

Shipping

qualgear.com/pages/shipping

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