

Installing Your Acoustic Panels with Z-Clips

Panels that hang flat and level, and lift off whenever you want to move them. Most panels go up in 5 to 10 minutes.

Tools you need

- Drill or screwdriver
- Level, the longer the better
- Stud finder
- Pencil and tape measure
- Painter's tape (optional, to outline panels)
- Safety glasses
- Concrete or masonry only: hammer drill, masonry bit and masonry anchors suited to your wall

Safety first

- Check for hidden wires and pipes before you drill.
- Get a helper for larger panels. Two people lift.
- Use a stable ladder for anything above head height.
- On a ceiling, fasten into joists or other structure, or use anchors rated for overhead loads.
- Give each clip a firm tug before you hang a panel on it.

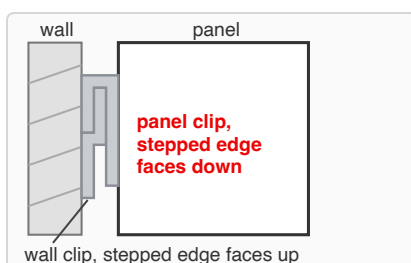
Panel weights, 2 inch

2 ft x 4 ft **about 8 lb**

4 ft x 4 ft **about 16 lb**

4 ft x 6 ft **about 24 lb**

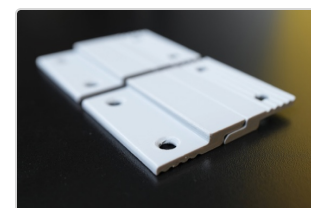
4 ft x 8 ft **about 36 lb**



1 Know your Z-clips

Z-clips work in interlocking pairs. One clip screws to the wall and its mate screws to the back of the panel. The Z-Clip Mounting Kit has 4 pairs (8 pieces), plus mounting screws and drywall anchors.

The two hook together, the panel hangs flat and level, and it lifts straight off when you want to move it.

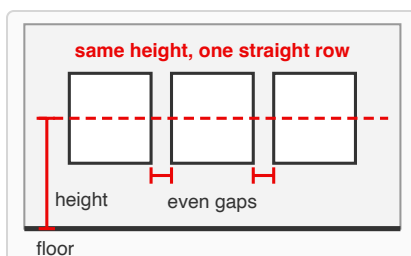


ASP Z-clips, wall clip and panel clip locked together

2 Plan the layout and height

Hold the panels up, or outline them on the wall with painter's tape, and step back. Keep every panel at the same height so the row looks straight. Centering panels near ear height is a good starting point.

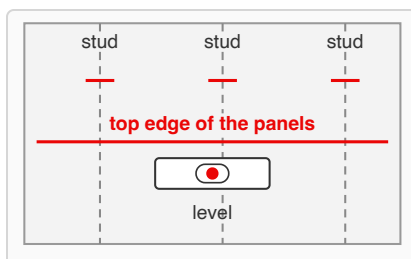
Leave even gaps between panels (2 to 6 inches works well). Hanging one image across several panels? Those go edge to edge, so see the last section. Adjust now, before anything is drilled.



3 Find the studs and mark a level line

Run the stud finder along the wall and pencil a mark at each stud.

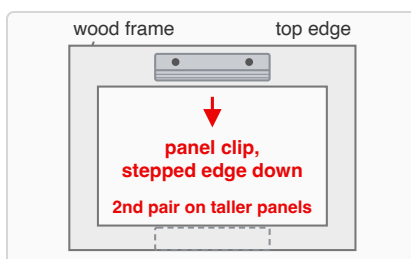
Then use the level to draw a straight line where the top edge of the panels will sit. One long line across the wall keeps a whole row matched.

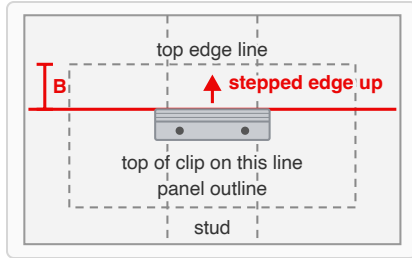


4 Attach the clips to the panel

Lay the panel face down on a clean, soft surface. Screw the panel clip into the wood frame around the edge of the back, near the top edge, with its stepped edge facing down. Use the screws from your kit. On taller panels, add a second pair lower down if your kit has one to spare.

Now hook a wall clip onto the panel clip, fully seated, and measure from the top edge of the panel down to the top of the wall clip. Call that distance **B**. Unhook the wall clip.





5 Mount the wall clips

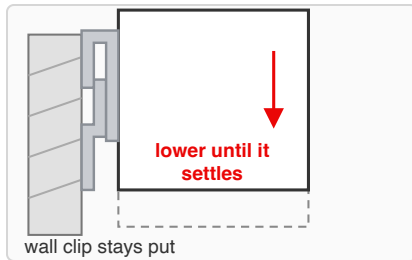
Measure **B** down from your top-edge line and draw a second level line. Set the top of each wall clip on that line, stepped edge facing up, and screw it on.

- **Studs (best):** drive the kit screws straight into the studs.
- **No stud:** use the drywall anchors in your kit, or **E-Z Ancor Stud Solver** drywall and stud anchors, 50 lb rating (Home Depot, model 25316).
- **Concrete or masonry:** drill pilot holes with a hammer drill and masonry bit, then use masonry anchors suited to your wall. They may differ from the anchors in your kit.



Wall clip screwed in, stepped edge facing up

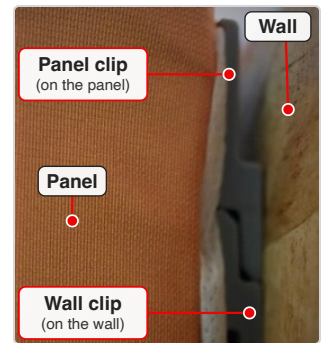
Second pair? Mount its wall clip below the first, spaced like the panel clips.



6 Hang the panel

Lift the panel (with a helper for large ones) until its clips sit just above the wall clips. Press gently toward the wall and lower it until the clips interlock and the panel settles.

Check it with the level, then slide it a little side to side to fine-tune. To move it later, lift straight up and off.

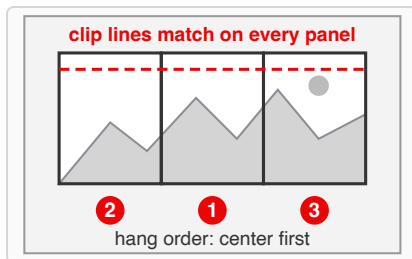


Side view: the panel clip hooks down over the wall clip, so the panel sits tight to the wall.

+ Hanging a multi-panel image

For a printed image split across several panels, take a few extra minutes up front so the picture lines up.

- **Lay it out first.** Place the panels on the floor in order, edges touching, and check the image runs across every seam.
- **Match the clip lines.** Measure from the top edge to the panel clip, using the same distance on every panel. Draw one level line across the wall for all wall clips, and mark each panel's left and right edges so panels land edge to edge.
- **Hang the center or left panel first** and check it with the level.
- **Butt the next panel against it.** Hold it just above its clips, press its edge against the hung panel, check the image lines up across the seam, then let it drop onto the clips. Repeat across the row.



Z-clips on a ceiling

The Z-clip kit is also ceiling compatible. Fasten ceiling clips into joists or other structure, or use anchors rated for overhead loads, have two people lift the panel, and use a stable ladder. Hanging a panel from cables as a ceiling cloud uses the Ceiling Cloud Mounting Kit, which has its own instructions.

Drawings are simplified and not to scale, so your clips may look different.

Need help? Our team can talk you through any step, from clip placement to the right anchors for your wall.

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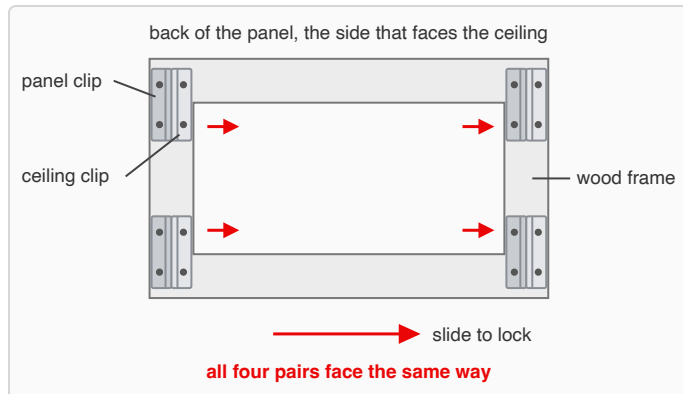
Ceiling Mounting and Extra Security

Two more ways to use your Z-clips: panels that sit flat on the ceiling, and extra hold where panels see vibration.

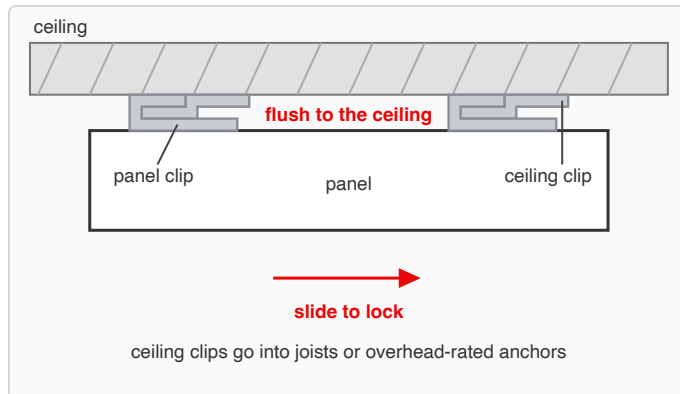
+ Flush mount on a ceiling

For a panel that sits flat against the ceiling, use a Z-clip pair at each of its four corners, so one Z-Clip Mounting Kit (4 pairs, 8 pieces) covers one panel.

Screw a panel clip into the wood frame at each corner of the panel's back. Fasten the matching ceiling clips into joists or other structure, or use anchors rated for overhead loads, all facing the same way. With a helper, press the panel up flat and slide it until all four pairs lock.



Back of the panel: one clip pair at each corner, all facing the same way.

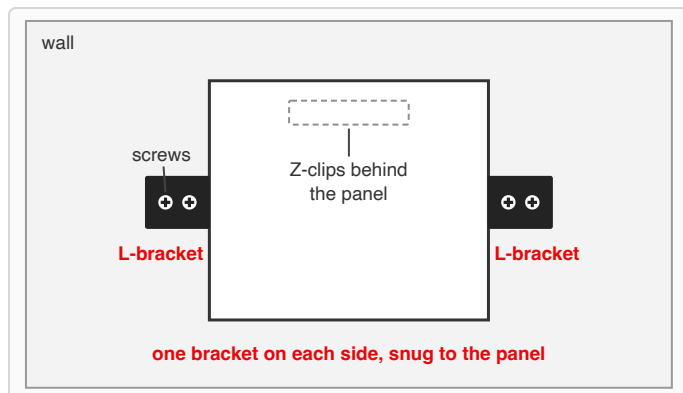


Side view: the clips interlock and hold the panel flush to the ceiling.

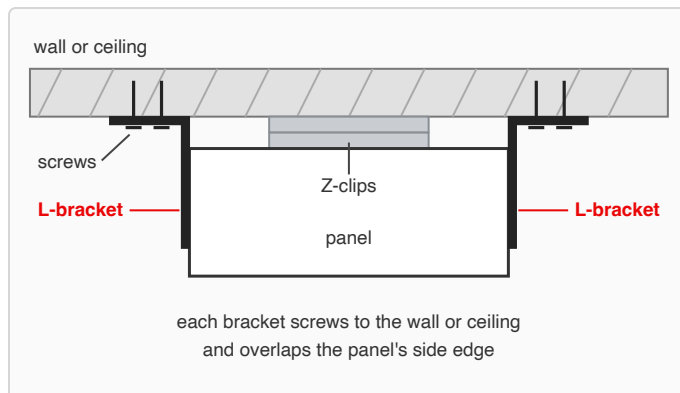
+ Optional extra security, wall or ceiling

Where a panel sees vibration (an earthquake zone, a subwoofer nearby, a door that slams, machinery), add an L-bracket on each side so the panel cannot shift sideways or jump off its Z-clips.

Screw one leg of each bracket to the wall or ceiling right beside the panel, with the other leg overlapping the panel's side edge. On a ceiling, put the brackets on the two ends in line with the slide (see the arrows above), so the panel cannot slide back out. To take a panel down, remove one bracket first.



Front view: an L-bracket on each side of the panel.



Top view: one leg screws down, the other leg overlaps the panel's side edge.

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