

Installation Instructions

Chatterbox acoustic art ships with a pre-installed metal cleat hanging system called “Z-Bar” which can hold up to 100 lbs. per linear foot when installed properly. For a successful installation, please follow these instructions.

You will need the following tools:

- Pencil for marking
- Tape measure
- Handheld power drill
- 1/16" drill bit and 5/16" drill bit
- Stud finder
- Bubble level
- Hammer

If you are not comfortable installing artwork, art installer networks and services can be found online.

Determine Wall Placement

1. We recommend hanging the artwork so that its center point is 58" high on the wall. However, you may have an acoustic reason for hanging the artwork higher or lower.

2. Leave the cleats on the back of the art taped together. Measure the distance from the top of the artwork panel or frame to the center of the screw holes on the bottom cleat. This distance should be 2" but make note if not. If you had removed the taped bottom cleat from the back of the art, simply return it to tightly nest with the top art cleat and measure.

To find the height you should install the wall cleat follow this formula for each piece:

$$\text{Cleat Screw Hole Wall Height} = \text{Art Height} \div 2 + \text{Center Point Wall Height} - \text{Screw Hole Distance}$$

$$\text{Example: } 36" \div 2 + 58" - 2" = 74"$$

3. Select the hanging location on the wall and measure the distance from the floor to the height you determined for the wall cleat. Use a pencil to mark the wall with a horizontal line where the cleat will run.

Level & Anchor

4. Use a wall stud finder to locate any studs behind where the wall cleat will run. Mark the borders of any stud on the wall along the penciled horizontal cleat line. If you don't find any studs, you will have to use wall anchors with each screw/screw hole.

5. Place the cleat on the wall where you want it to be installed, lining the screw holes up with the horizontal cleat line. Use a bubble level to ensure the cleat is level on the wall and with the pencil, bubble in all the cleat screw holes so there are series of dots on the wall. Make sure the cleat stays level while doing this!

6. For penciled dots with wall studs behind them, straightly pre-drill a small hole into the exact center of each with a 1/16" drill bit. This will help the screws drive into the wall studs evenly.

Questions?

Contact us at 619.821.7800 or customerservice@chatterboxartworks.com



7. For the penciled dots that will take anchors because there are no studs, carefully drill a 1 ¼" deep hole into the center of each with a 5/16" drill bit. Careful! If the hole is too wide the anchor will not latch.

8. Gently and straightly hammer the anchors into the wall so they don't bend and become unusable. The opening of each anchor should sit flush with the wall once installed.

9. Return the cleat to the wall and screw it into place with the power drill but don't tighten each screw all the way down.

10. Use the bubble level to make sure the cleat is level and press the cleat firmly against the wall. Make adjustments to the cleat angle if needed then finish tightening the screws all the way down. The wall cleat should be secure.

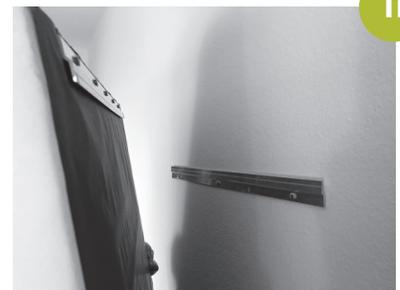
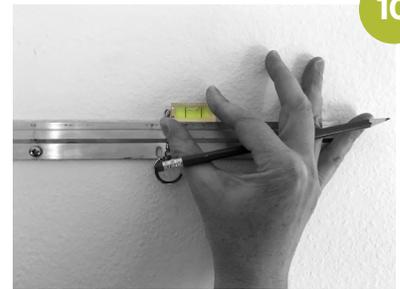
Hang the artwork

11. Slowly, so you don't scrape the wall, lift the artwork and lower the art cleat snugly into the wall cleat.

12. Slide the artwork left or right on the wall cleat, just an inch or two, to adjust the positioning if needed (moving it more than 2" will undermine stability).

13. Use the bubble level to check that the artwork is straight on the wall and make any needed adjustments.

14. Unless you would like to use the security hardware, the artwork is now installed.



Security Hardware

Mainly used in commercial settings, security hardware locks the bottom corners of the artwork on the wall so that it can't be lifted and removed. Security hardware is included with your shipment. However, to install you will need an art security t-wrench which can be purchased online or from your local hardware store. Installation instructions and videos can also easily be found online.

