

Acoustic Enclosure User Guide

Positioning the Acoustic Enclosure

1. Remove enclosure from crate.
2. (If enclosure is shipped as two parts) Attach four lifting handles to side of hood piece. Place support frame nearby, noting that the lower cross brace is recessed on the front side of the frame. With four people, lift the hood piece onto the support frame. Position the hood piece so that the drilled and tapped holes are over the brackets. Attach hood to frame by threading five 3/8" - 16 screws (included) through brackets. Some shifting of the hood piece may be necessary.
3. Completely raise the enclosure's leveling feet. Use casters to move enclosure into its final location.
4. Use a wrench to lower the leveling feet until the enclosure is resting on the leveling feet and is level.
5. Place instrument inside enclosure.

Cable Management

1. Decide which side of the enclosure cables will enter from. Remove cable clamp using 3/16" hex wrench (included). Feed cables into enclosure through port hole.
2. Connect cables to instrumentation.
3. Leaving enough cable for slack inside and outside the enclosure, attach cable clamp to cables by attaching two sides of clamp together using 3/16" hex wrench. Compress tightly.
4. Attach cable clamp to enclosure using 3/16" hex wrench.
5. **IMPORTANT:** Cables should remain slack inside and outside the enclosure at all times. If cables are pulled tight, they will transmit parasitic vibrations into the enclosure.
6. If cables are connected to noise-generating equipment (ie. fans, CPUs), the cable should be weighted outside the enclosure.

Please contact Herzan with any questions, support@herzan.com or 949-363-2905.



Best Practices

- ◆ When choosing a location for the enclosure, avoid rooms in close proximity to noise-generating machines, such as production machines, large HVAC systems, or elevator shafts. If possible, choose a room on the ground floor. Avoid rooms with raised floors.
- ◆ Avoid places within the room that are near open doors, open windows, HVAC ducts, and high foot traffic areas. To reduce overall vibration levels, place the enclosure near a load-bearing wall.
- ◆ Don't place noise-generating equipment such as CPUs or pumps on the enclosure or on the support frame. If possible, place noise-generating equipment in a separate room.
- ◆ If your enclosure has an internal shelf, it is adjustable. You can change the vertical and horizontal position, as well as the shelf's orientation. Adjust the shelf using the hex wrench which will be attached to the magnet below the shelf.
- ◆ Before beginning sensitive measurements, close and latch the enclosure door and make sure cable clamp is attached tightly.

Upgrades

There are a number of upgrades available to improve the performance and usability of your enclosure. Please contact Herzan to learn more. Upgrades include:

- ◆ Vibration isolation
- ◆ Electro-magnetic interference shielding
- ◆ Temperature stability
- ◆ Internal lighting
- ◆ Custom cable management solutions
- ◆ Shelves and custom mounting options

Feedback

Herzan welcomes your feedback! Please let us know what we can do to improve our products. You can reach us at feedback@herzan.com or (949) 363-2905. We look forward to hearing from you!

