

Assembly Procedure for Theta reference Audio Racks



Insert a button-head bolt into one of the **endplate** holes on the X-frame such that the threads are pointing outward. Install a T-slot nut onto the bolt just enough to hold in place. Do not tighten it down at this time. The side of the T-nut with the bump should be facing outer direction.



Gather four bushing assemblies. Each one should have a screw, a nut and a rubber cap. We recommend that the rubber cap be installed, however feel free to experiment. Alternately the metal screw could make direct contact with the shelf. In addition, any aftermarket coupling device may be used so long as it has 1/4-20 threads.



Install a bushing assembly in to each of the four threaded holes on the X-frame. Tighten it just finger tight.



Slide a column onto the end of the X-frame. It does not matter which direction the T-nut nut faces. It is however important that the top of the column points in the same direction as the X-frame bushings. Do not tighten down the fasteners at this time. Finger tight, that's all!

Tighten only 1 fastner with allen key lightly since perpendicularity adjustment will need to be done

The second one is tightened last



Install the second column the same way as the first one.



Flip the frame around and install the third and fourth columns.



Place one of the shelves on the floor with the granite side facing upward.



Place the completed frame assembly over the shelf in an inverted position. Make sure that all four bushings are resting on the granite. Adjust the height of each of the columns so that they are resting on and **perpendicular** to the floor. Tighten one of the button-head bolts on each column. Leave the second bolt loose for now. Adjust for perpendicularity. You may have to hold the aluminium Extrusions at an angle so they are perpendicular to the floor. They may or may not be perpendicular to the fixing plate of the X frame (this is due to welding inaccuracies which are

unfortunately unavoidable)



Install a setscrew into each of the cones. Install a cone onto each of the columns. Note: Don't leave cones sitting around with the point facing upward. If a person fell onto one it would hurt.



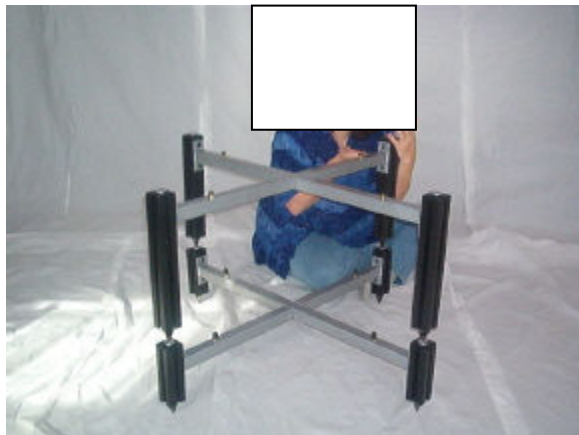
Place the completed frame assembly on the floor. Make sure that all cones touch the floor. Adjust the height of one of the columns as needed.

Recheck perpendicularity

Macro level adjustment is by loosening and tightening the columns to X frame

Micro level adjustment is offered by the spikes.

This is done last when stacked

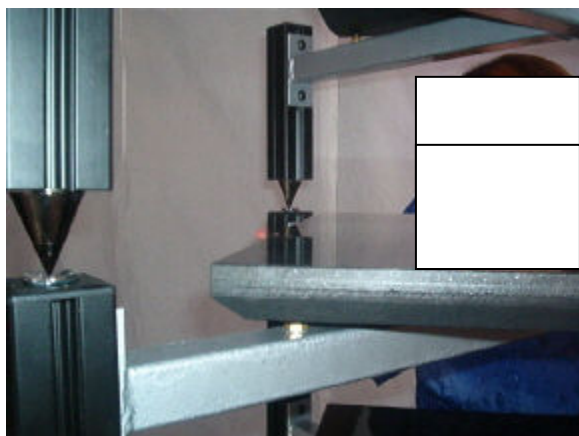


Build more levels just like the first one. Take time to adjust the columns at each level. It is much easier to adjust the rack by working from the bottom to the top.



Place the last frame into position. Adjust the columns as needed. Using a yardstick or straightedge, make sure all columns are in line and perpendicular with each other. Adjust as needed.

Now tighten the second set of screws on each X frame



Place a shelf platform on each of the X-frames. Adjust the bushings so that the platform is in contact with all four bushings. Double check the alignment of the columns one last time.



Done! Your new theta Series audio rack is now ready to go.