

MOUNTING BRACKETS

The mounting brackets are used to attach an enclosure to the two legs of a tower, or they can be used to attach an enclosure to a single post. This is the layout of the brackets before any assembly:

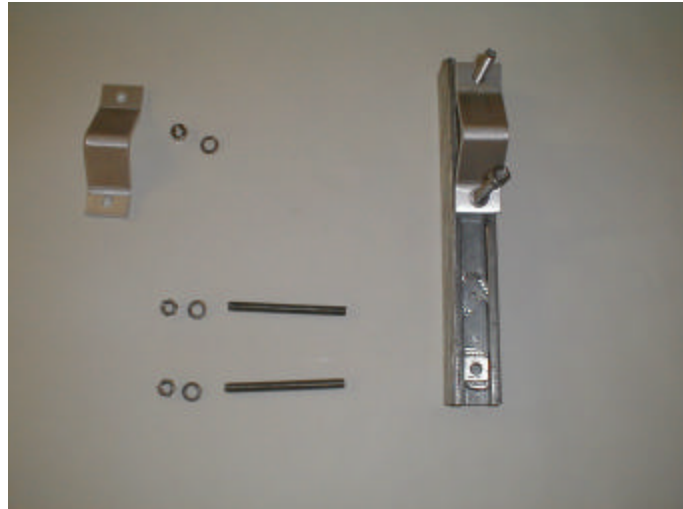


The mounting brackets are easily assembled using common hand tools. There are two sets of nuts, bolts, “V” clamps, and Unistrut channels, one each for the top and bottom of the enclosure. These instructions assume that the enclosure will be mounted to a tower; should you be using a tripod, only one set of hardware will be used in each of the Unistrut channel.

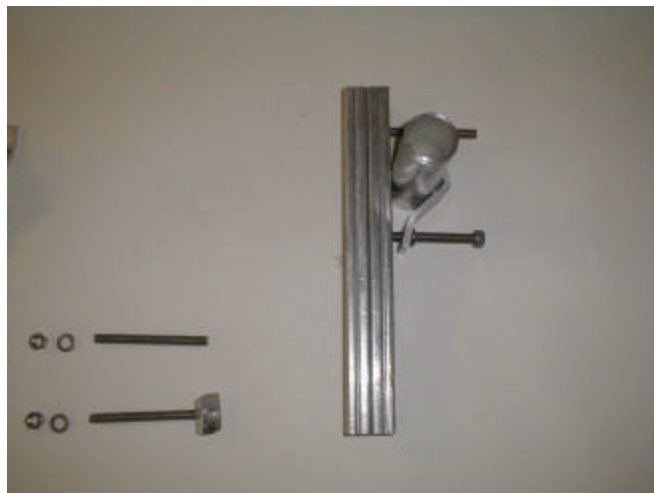
1. Start by installing the eight spring-loaded “Unistrut” nuts in to the Unistrut channel, four in each of the Unistrut channels. Compress the spring of the nut and slide it in to the channel with the spring towards the bottom of the channel.



2. Attach the eight threaded rods to the eight nuts in the Unistrut channel. **DO NOT** let the threaded rods bottom out in the Unistrut channel, as the spring-loaded nuts should be free to move in the channel for later adjustments. Place the “V” clamps over each pair of threaded rods, and loosely place the lock washers and nuts over the threaded rods’ ends.



3. Installing the remaining four spring-loaded “Unistrut” nuts into the other side of the Unistrut channel, two in each of the Unistrut channels. Compress the spring of the nut and slide it in to the channel with the spring towards the bottom of the channel.
4. Loosen one of the nuts holding each “V” clamps to the Unistrut. Attach each of the Unistrut assemblies to the tower, swinging the clamp around each leg of the tower and then reattaching the “V” clamps to the Unistrut with the lock washer and nut. The top Unistrut can be tightened to the tower, making sure that it is level and at the desired height for the top of the enclosure. The bottom Unistrut should be loosely attached to the tower, so it can be adjusted as the enclosure is mounted to the Unistrut.



5. Bring the enclosure to the tower. This will be fastened to the Unistrut using the four nuts previously installed and the four short bolts and lock washers. Attach the top of the enclosure to the Unistrut. Adjust the bottom of the enclosure to fit with the bottom Unistrut. After the bottom Unistrut is attached to the enclosure, tighten it to the tower by tightening the nuts that attach the “V” clamps to the Unistrut.. Slip the “V” clamps on to the threaded rods and secure them loosely with the nuts and lock washers supplied. Use a carpenters level to insure that the boom is level and then tighten the nuts that secure the “V” clamps and the boom to the pipes.
6. The photo below shows a tower boom, which uses a similar Unistrut assembly, attached to a tower.

