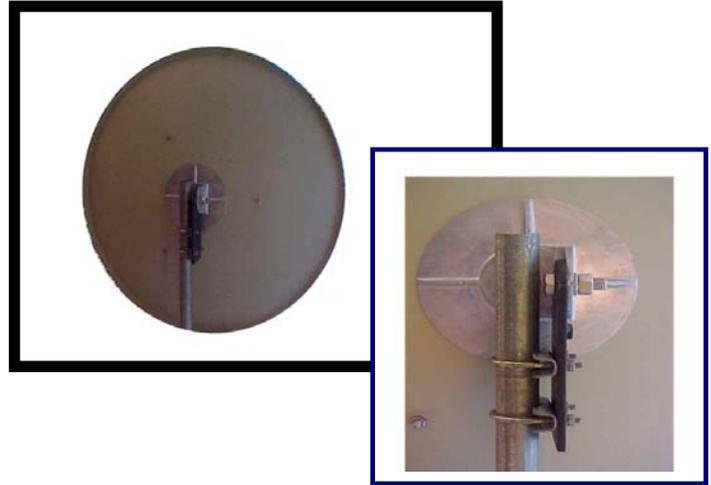
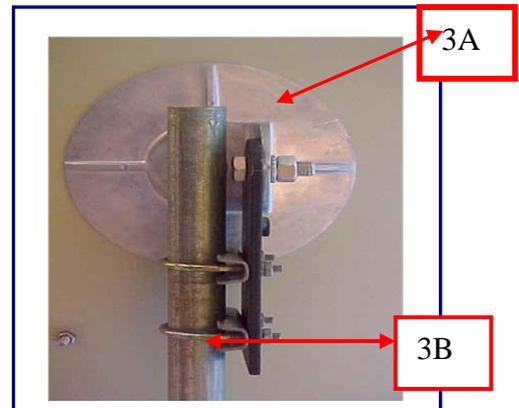


ASTRA MOUNT INSTRUCTION MANUAL



Installation of the Astra mount is very basic and will take limited time to adjust. Take the 11" aluminum struts and run a 1/4" nut down on the threads on both ends of the struts. Repeat this step on each of the three aluminum struts. (set aside for later use) Using the three 8-32x1" bolts assemble the three pieces of Ku collar using the supplied feedhorn or your own. The bend in the collar will point away from the dish. **You will put the Ku feed inside the 3 pc collar and finish tightening the collar so that the collar will encompass the feedhorn throat.**



Attach the Astra backing plate: Place on the 1/2" bolt in the following order: 1/2" washer, 3/4" washer, and a rubber washer; now insert bolt through the center hole on the front side of the antenna. On the back side of the antenna, you will have a rubber washer, the Astra Plate, a lock washer and the 1/2" nut. Tighten finger tight. Mount the now assembled Astra/antenna on a 2" od pipe by using the U-Clamps as in 3B above. **Attaching the Feed Assembly:** Attach the three struts to the antenna as in 1A. (look for the three predrilled holes in the dish that are 1/4".) Use washers on both sides of the antenna, insert the threaded rod through three holes. Secure with a nut on the back side of the antenna. **Attaching Feed collar to the feed struts:** Place the three piece collar/feedhorn that you have assembled onto the three struts with the bend of the 3 tabs facing away from the antenna. **See sample photo 1A and 2A.** Use a tape measure and measure the focal length. Measure distance from the 1/2" center hole on the dish to the throat or the closest part of the feedhorn. This length should be exactly 10 7/8". Look to see that the feedhorn is looking at the center of the dish. When the focal length is set properly, tighten the 1/4" nuts. Snug the nuts only because the soft aluminum threads strip easily.

You can now put your Ku band LNB on the feed, and hook up to your receiver. Turn the power on and use the scan button (if you have one) to find a satellite signal. You will need to scan while adjusting the antenna. Point the dish to the south. Rotate the dish back and forth, up and down until you see a picture. This may take some time as finding Ku band signal is more difficult than working with C band. Manually adjust the antennas elevation and azimuth for the best picture. **3A and 3B also show two areas to adjust.** When you are satisfied with your results, tighten the four bolts on the U clamp on the post **(3B)** and tighten the ½” bolt on the Astra plate location in **(3A)**. Be sure to check over all bolts and nuts to verify all have been tightened.