

Xiegu X-6100 Protective Frame Installation

Copyright 2022 Michael Aiello N2HTT, all rights reserved. Rev A 25-April-2022

Hardware Supplied

2 Nylon Insert Hex Lock Nuts M5 , black finish

2 Button head screws M4 x 12mm, black finish

4 Socket head screws M4 x 16mm, black finish

2 Button head screws M4 x 8mm, black finish

2 Button head screws M5 x 45mm, black finish



Your hardware packet will contain **one spare** of each type of hardware, in case the cat knocks something off the workbench and it rolls under the bookshelf.

Do not be alarmed that you have left over hardware!

Tools Needed (not included.)

2 metric hex keys, 2.5mm and 3mm

Small adjustable wrench or 8mm metric socket for the lock nuts.

Assembly Instructions

Please read and review all of the instructions before starting the assembly of your frame.

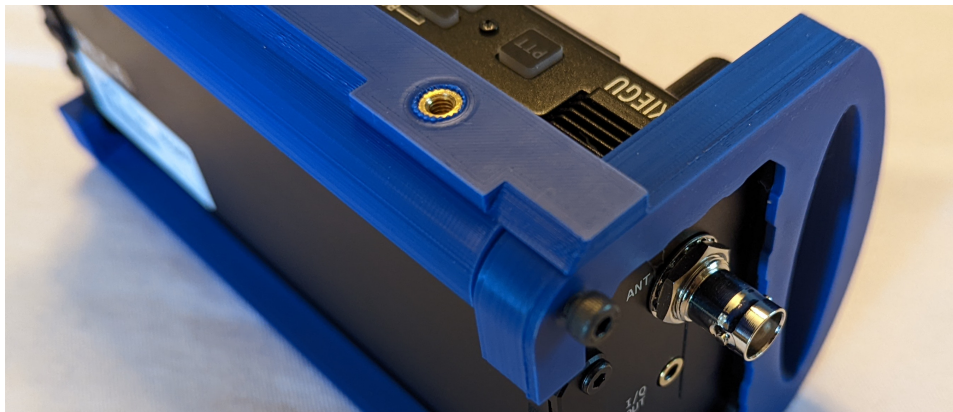
1. Snap the side rails onto the rig – they are interchangeable, can go on either side.
2. Attach the bottom rail to the side rails with two M4x16mm screws. The rounded corner of the bottom rail should line up with the rounded corner of the side rail. The wider part of the bottom rail should sit flush with the bottom of the side rail. Don't tighten the screws all the way yet.



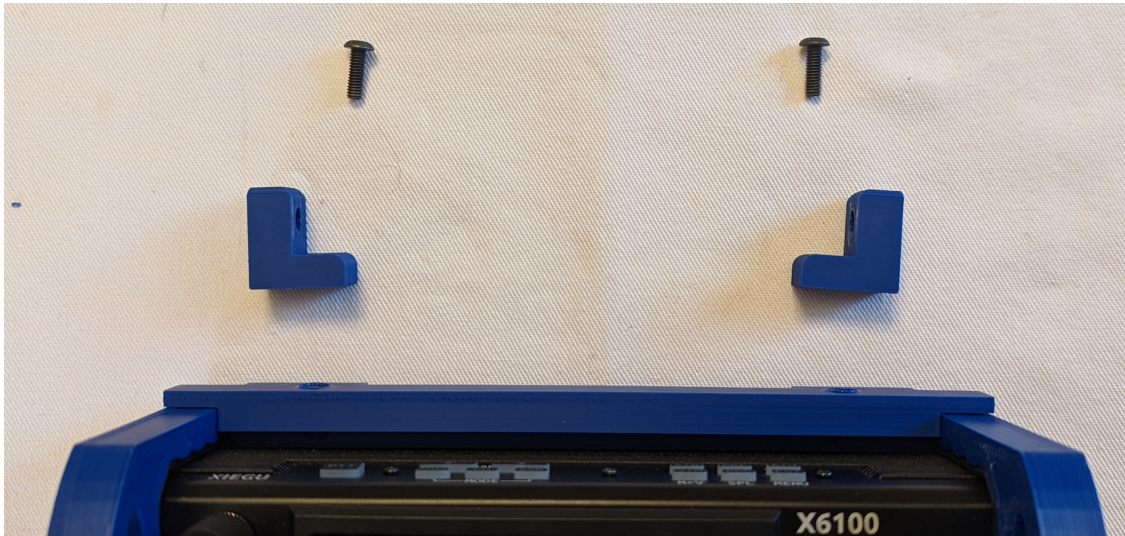
3. Attach the top rail to the side rails with two M4x16mm screws. The brass inserts in the top rail should be facing up, away from the rig.



Once you have all 4 screws started, make sure everything is flush and square, and you can tighten the top and bottom rails securely.



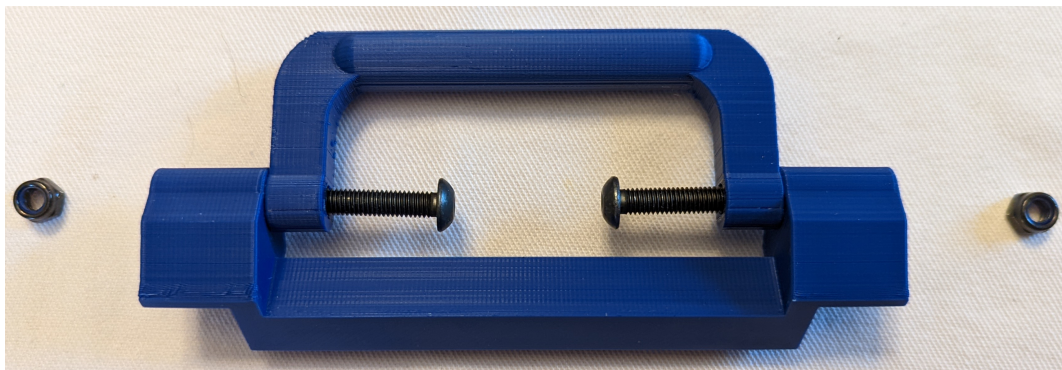
4. Attach the handle brackets to the top of the frame using the two M4 x 12mm button head screws. If you look at the L-shaped brackets closely you will notice that one leg of the L is thicker than the other. The thick leg should be vertical. Note that one side of the bracket is smoother than the other – the smooth side should face the operator. Line the brackets up with the frame and tighten the screws securely.



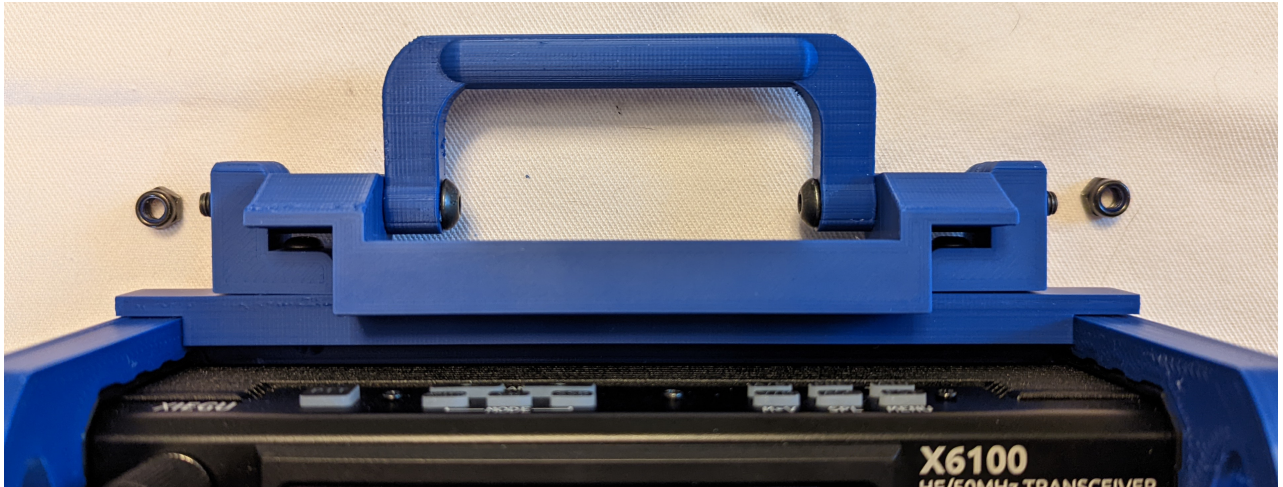
5. Assemble the hinge and handle by inserting the M5 x 45mm button head screws from the handle into the hinge.



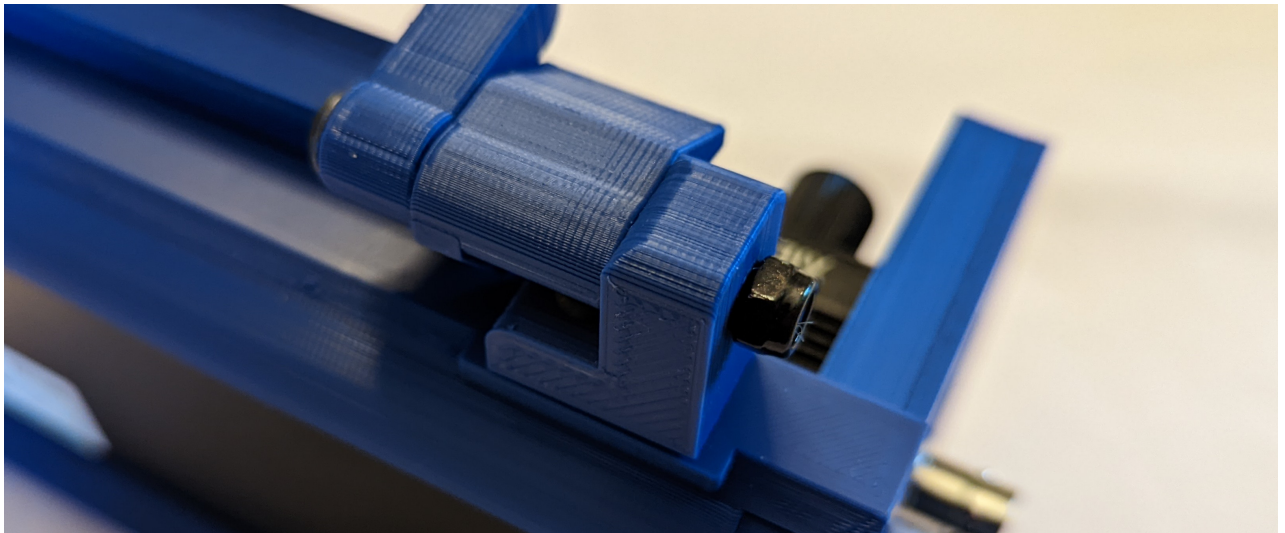
Don't push the screws all the way in yet. If you have difficulty getting the screws to go through the holes, try twisting them in.



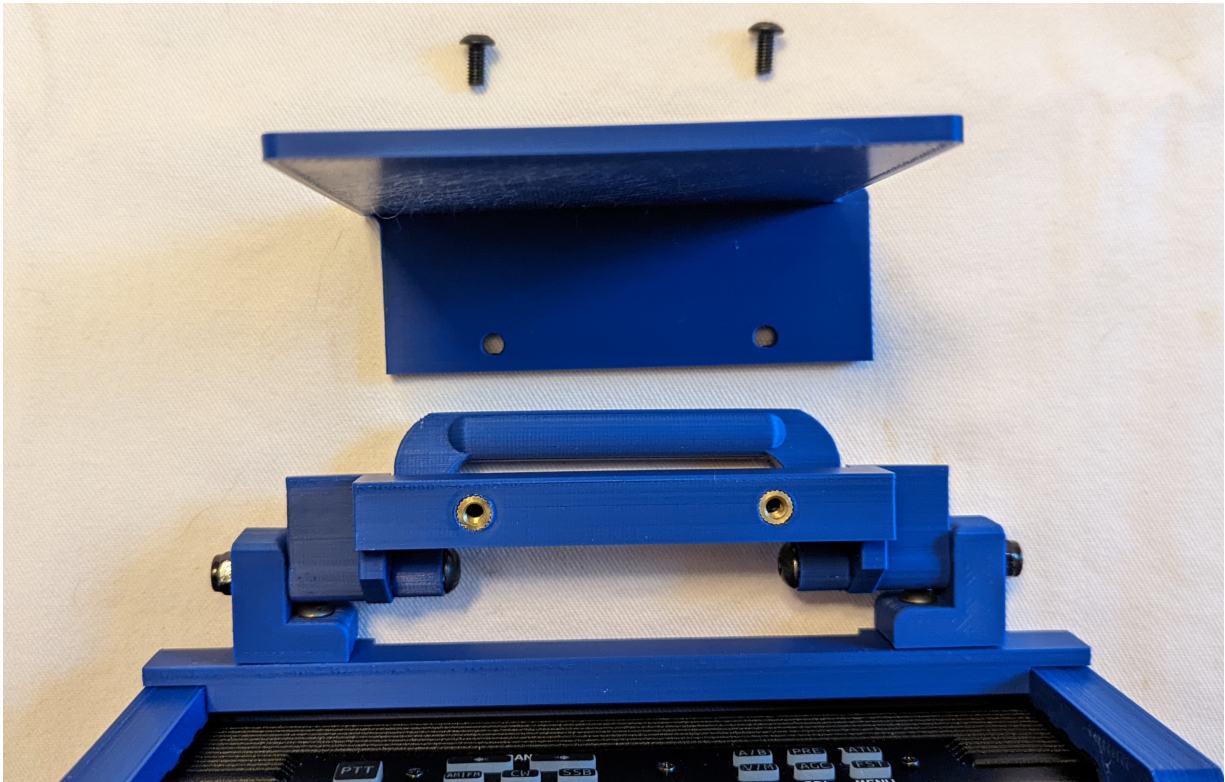
6. Now place the handle and hinge assembly inside the brackets you mounted on the frame in step 4. Line up the holes in the bracket with the M5 screws, and push the screws all the way through so they protrude through the brackets on both sides.



7. Now thread a nylon insert nut onto the protruding screw on each side, and tighten each with a hex key while holding the nut with an adjustable wrench or socket. The degree of tightness will affect the ease of motion of the handle and the screen cover. The nuts should be tight enough that the handle and hinge will hold the position you leave them in, but not so tight that they bind or are difficult to move. It may take a bit of experimentation to get it just right.



8. Now attach the screen cover to the hinge with 2 M4x8mm button head screws. Tighten these screws firmly.



That completes the assembly!



When completely assembled, you can fold the handle down and lower the screen cover to protect the screen during transport or storage of the rig.



When the rig is in use, you can adjust the position of the screen cover to make an effective sun shade.



With the cover in the fully back position, you can use it as a convenient phone rest while logging or spotting on your phone. (Be sure to tighten the hinge screws sufficiently so that the cover will stay in place.)

