

## SPT100 Direct Drive Pan & Tilt Mount

Please review the following before you assemble your Tilt Mount

- Read the instructions before you begin assembly, and familiarize yourself with the parts in-

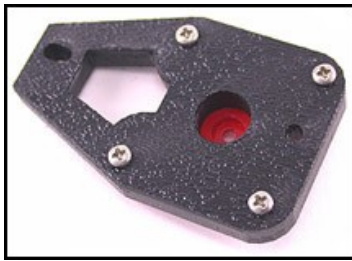
### Make sure your kit includes the following

- (3) ABS Plates
- (8) #2x3/8" Phillips Head Plastic Screws
- (2) #4x1/2" Black Phillips Head Plastic Screws
- (4) #4x3/8" Truss Head Plastic Screws
- (2) #4x1/2" Black Phillips Flat Head Plastic Screws
- (2) Hitec (or Futaba) "X" Horns

### Tools needed:

Phillips Head Screwdriver

This kit will work with any standard size Hitec or Futaba servos. We will be using the Hitec HS-475HB servo in the instructions. Steps or procedures may vary slightly depending on the servo you choose.



1. Attach a servo horn to the plate shown above using (4) of the #2 x 3/8" screws. The outer holes are not symmetric so you may need to rotate the plate for the holes to align.



2. Bottom of the plate with the servo horn attached. Smooth side against the servo horn.



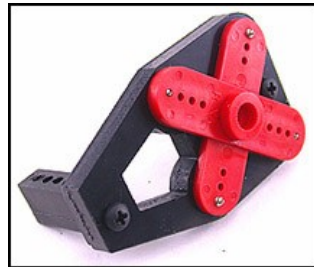
3. Using (4) of the #2x3/8" screws attach the remaining servo horn to the plate shown above. The outer holes are not symmetric so you may need to rotate the plate for the holes to align.



4. Bottom of the side plate with the servo horn attached. Smooth side against the servo horn.



5. Using the (2) #4x1/2" black flat head plastic screws attach the top plate with the smooth side down.



6. Attach the servo mounts using the (2) #4x1/2" black plastic screws as shown above. **Do not fully tighten!**

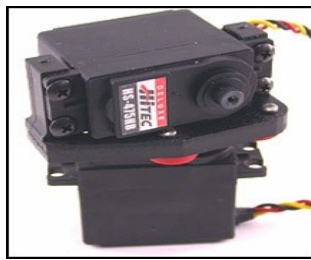


7. Servo mounts attached. These should be left loose until the tilt servo is attached.

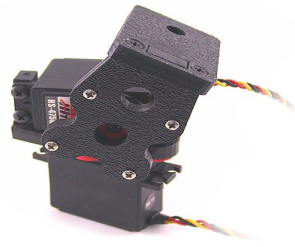
OVER ►



**8.** Using your controller, set the pan servo to neutral and then bolt the plate to the servo as shown above using the factory servo screw.



**9.** Using the (4) #4x3/8" black truss head screws install the tilt servo and tighten the loose servo mount screws from step #6.



**10.** Using your controller, set the tilt servo to neutral and then attach the plate as shown above using the factory servo screw.



**11.** Your unit is now complete and ready to use.