# Pan/Tilt Bracket Kit (Multi Attachment)

ROB-10335

3

DESCRIPTION DOCUMENTS

This pan/tilt bracket consists of two brackets and all the hardware you need to attach them to make a pan/tilt mechanism using two servo motors. We recommend our small servo motors listed below.

**Note:** Servos are not included. The sub-micro servo size works for these mounts.

## Tags

KIT PAN/TILT ROBOTICS SERVO

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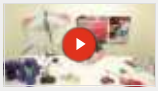
## Pan/Tilt Bracket Kit (Multi Attachment) Product Help and Resources

VIDEOS SKILLS NEEDED



SparkFun Pan Tilt

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COMMENTS 57 REVIEWS 3

## Customer Reviews

3.7 out of 5

Based on 3 ratings:

| | |
|---|---|
| 5 star | 0 |
| 4 star | 2 |
| 3 star | 1 |
| 2 star | 0 |
| 1 star | 0 |

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1 of 1 found this helpful:

### Simple, cheap, and to the point.

about 3 years ago by Clebio verified purchaser

It's somewhat brittle. The inset spacer piece (smaller third metal piece) wasn't the right size for the servo I had, and when I tried to bend it a bit, it nearly cracked. I managed to get everything together and it works well, so ultimately no complaints.

2 of 2 found this helpful:

### Hard To Assemble!

about 3 years ago by Squirrelius verified purchaser

I had a hard time following the assembly guide partly because it is not specific enough (for example exactly which holes the "self tapping" screws go into the servo horns). I still have not gotten the tilt function just right and it sounds like the tilt servo is being strained. I also found that getting the screws into the servo horns at *exactly* the right angle is both very important and very difficulty. Use a magnifying lens to help do that!

Overall, I think this product would be very rewarding once assembled. I still have to get there....

### Easier than I thought

about 3 years ago by Member #408910 verified purchaser

I am only given it 4 stars because it is a bit of a pain to assemble. I made sure my servos were center before I started, but because I am all thumbs with small things, my top servo moved a good 20 degrees off center by the time I actually got the top bracket secured.

But at least for me, the movement is great. I am only using it for a kind of art project with a thin plastic mask I bought at Joann's that can shakes its head and nod along with my LeapMotion hand movements. I was able to adjust for my centering mistake by simply bending florist wire to position the mask up right at my 'new' center. I move my hand back and forth and the head shakes its head. I move my hand up and down and it nods. I got it to do double takes and sort of an embarrassed look by moving my hand down and left. It is already freaking my wife out, so I think I am on the right track

The movement is smooth and is not binding or catching on any of the screws.

Is there a trick for centering a servo after the fact?