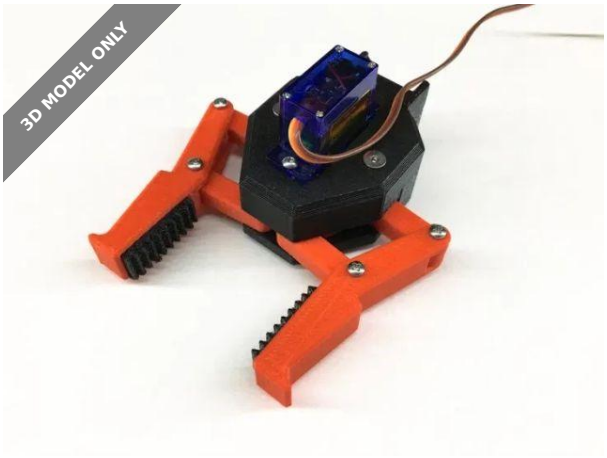


Parallel Gripper for EEZYbotARM MK2

sthone

VIEW IN BROWSER

updated 13. 9. 2022 | published 13. 9. 2022

Summary

This is a remix of my Rov Manipulator (Parallel Gripper) modified to fit the EEZYbotARM MK2 robotic arm and be...

Hobby & Makers > RC & Robotics

This is a remix of my Rov Manipulator (Parallel Gripper) modified to fit the EEZYbotARM MK2 robotic arm and be controlled by a servo instead of a rotating shaft.

Use a SG90 Servo

Hardware required (See pictures for screw layout.) All screw holes are pre-tapped

(4) 2-56 x 1/2" screws

(2) 4-40" x 3/8" Button Head Screws

(2) 4-40 x 1" Flat Head Screws

Servo Mounting screws.

Some of the parts will need to be oriented to be printed properly. See pictures for the layout I used. The fingers, forward hinges, and Pad need to be printed x 2. The finger pads were printed in a flexible filament for better grip but can be cut from rubber.

See https://www.theneverendingprojectslist.com/raspberrypiprojects/raspberrypiroboticarm/ for more info.

Category: Robotics

Model files

robotic_arm_gear_arm_left.stl

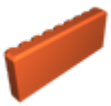
robotic_arm_palm_top.stl

robotic_arm_palm.stl

robotic_arm_gear_arm_right.stl

robotic_arm_servo_gear.stl

robotic_arm_finger.stl



robotic_arm_finger_pad.stl

robotic_arm_forward_hinge_arm.stl

Find source .stl files on Thingiverse.com

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