



DESCRIPTION

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Add even *more* power to your robot with this metal-gear servo. The tiny little servo can rotate approximately 180 degrees (~90 in each direction), and works just like the standard kinds you're used to but *smaller*. You can use any servo code, hardware or library to control these servos. Good for beginners who want to make stuff move without building a motor controller with feedback & gear box, especially since it will fit in small places. Despite its size, this micro-servo is as strong as many 'standard' size servos! Works great with the Motor Shield for Arduino, our 16-channel Servo Driver, or by just wiring up with the Servo library. Comes with a few horns and hardware.

This micro servo packs a big punch for its little size. it's just a little bit bigger than our High Torque Metal Gear Micro Servo (<https://www.adafruit.com/products/1143>) but runs with almost double the stall torque.

To control with an Arduino, we suggest connecting the orange control wire to pin 9 or 10 and using the Servo library (<http://www.arduino.cc/en/Reference/Servo>) included with the Arduino IDE (see here for an example sketch (<http://arduino.cc/en/Tutorial/Sweep>)). Position "0" (1.5ms pulse) is middle, "90" (~2ms pulse) is all the way to the right, "-90" (~1ms pulse) is all the way to the left.
