

Activity

Introduction to Motor

Controlling a motor with evive menu

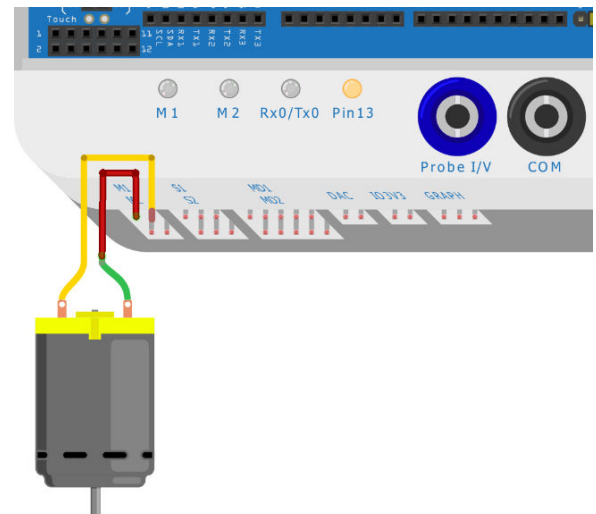
In this activity, you will learn how to control a DC motor with evive? evive can control two motors from its motor output pins.

COMPONENTS

evive, DC Motor.

STEP-BY-STEP

1. Take the motor and insert the wires attached to it in the first motor channel, i.e. M1.
2. Power ON evive. A menu will open. If not, centre press on navigation key to bring the menu.
3. The first option in the menu that appears on the screen is **Controls**; select that option by pressing the control button to the right.



4. Next, you'll see three more options, namely *Motors*, *Servos*, and *Stepper Motors*; select **Motors**.
5. From the three options that now appear on the screen, select **Motor 1 & 2**.
6. Controls:
 - i. **PWM** determines the speed of the motor.
 - ii. **Dir1** and **Dir2** are the two possible *states* or the two possible *directions* in which the motor can rotate.
7. Control the motor 1 using potentiometer 1 and slide switch 1.

