

# Activity

## Smartphone Controlled Robot

### Circuitry



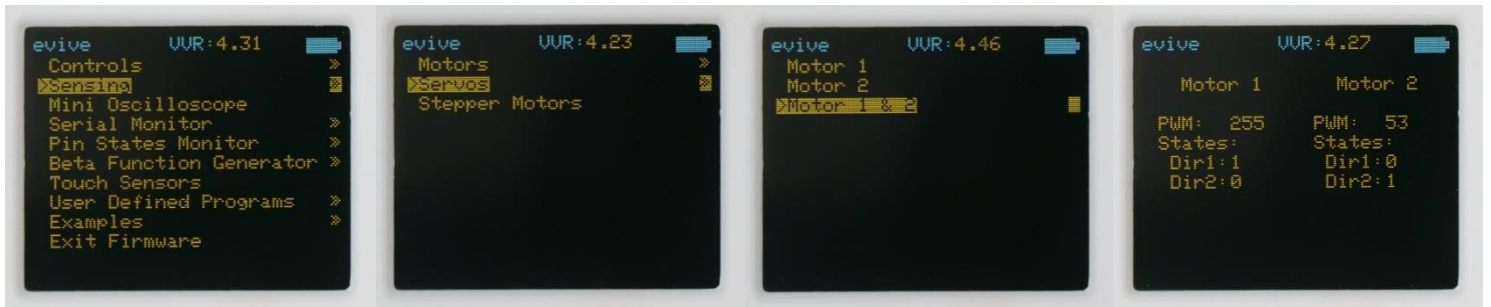
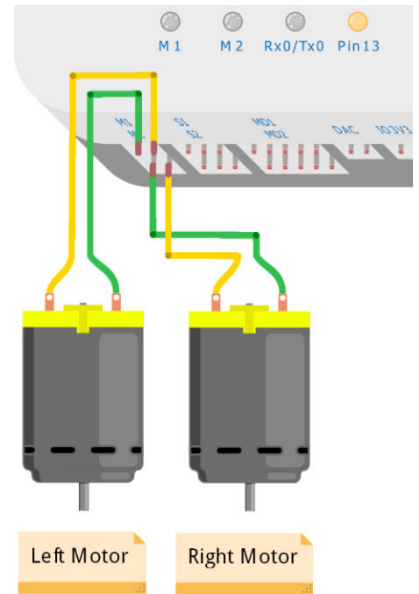
In this activity, you will connect the motors and run the robot using evive Menu.

### COMPONENTS

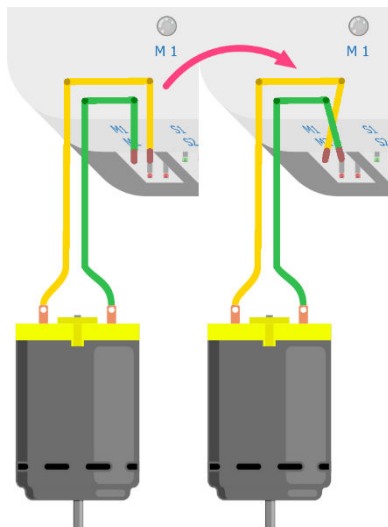
Assembled Robot.

### STEP-BY-STEP

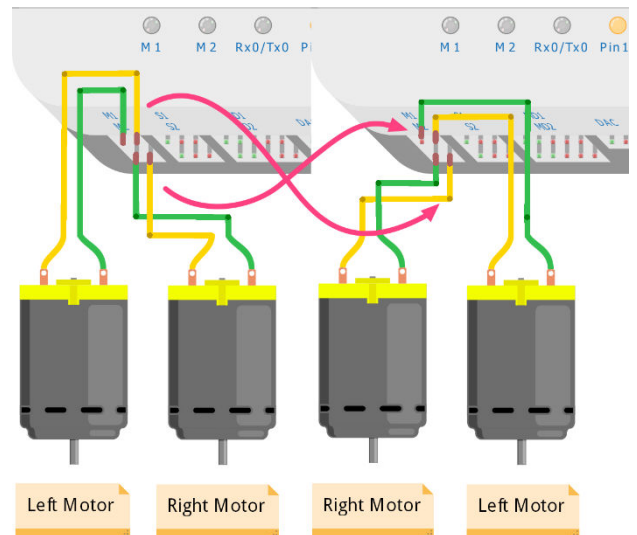
1. Connect the **motors** to the **evive** in the following configuration:
  - a. Left Motor – Motor Channel 1 (M1)
  - b. Right Motor – Motor Channel 2 (M2)
2. Switch ON your evive. Navigate into the menu: **Controls > Motors > Motor 1&2**.
3. **Run the motor 1 in the forward direction.** If the left motor starts running in the forward direction, then everything is ok. If the motor is running backwards, then swap the wires to change the direction.



4. But if instead of left motor, right motor is running, then swap the motor connections.
5. Stop motor 1 and run motor 2 in forward direction. If the right motor is running forward, then its ok, otherwise swap the motor 2 wires.
6. Now, try to run the motor forward, backward, left and right using evive menu.



STEP 3



STEP 4

