

ANN Motor Control

- Set power cable to ON - wait for blinking **YELLOW** LED.
- Place robot on surface.
- Press **RED** Button to begin

Motors will calibrate. **ORANGE** LED will light 4 times. After calibration both LEDs will turn ON and blink periodically. This is the neural network training. After 30-60s the **YELLOW** LED will begin blinking again. If this takes longer than 60s hit **RESET** and start over(neural network in error loop).

- Press **BLUE** button to begin driving around on trained network. The **YELLOW** LED will blink twice and the robot will begin driving and avoiding obstacles.

The robots behaviour will be unique after each training proces due to random training initialization.

Buttons

LEDs

Power

Reset

