**A metal and black device with a green button

Description automatically generatedBattle Bot**

A powered rc battle bot with the idea

<https://www.instructables.com/Unskinny-Bot-3-lb-Horizontal-Spinner-Combat-Bot/>

<https://medium.com/@werneckpaiva/how-to-read-rc-receiver-signal-with-arduino-54e0447f6c3f>

<https://forum.arduino.cc/t/how-to-connect-arduino-with-receiver/851805/6>

**Gearbox for the wheels**

<https://www.ozarmour.com.au/store/rc-tank-parts/gearboxes/steel-gearbox-long-shaft-58mm-for-heng-long-1-16-rc-tank.html>

**The Arduino board to control the whole battle bot.**

<https://store-usa.arduino.cc/collections/boards-modules/products/arduino-uno-wifi-rev2?_pos=5&_fid=7377575b9&_ss=c>

**Dual H-Bridge Motor Driver Module to control the motors on the gearbox and its speed.**

<https://www.makerstore.com.au/product/elec-l298n-motor-drv/>

**The voltage regulator to lower the voltage going into the Arduino so it doesn’t blow up.**

<https://www.jaycar.com.au/7812-12v-1a-voltage-regulator-to-220/p/ZV1512>

https://store-usa.arduino.cc/collections/boards-modules/products/arduino-uno-wifi-rev2?\_pos=5&\_fid=7377575b9&\_ss=c

<https://apps.apple.com/us/app/bluetooth-for-arduino/id1505096526>

<https://projecthub.arduino.cc/samanfern/bluetooth-controlled-car-c71cd0>

<https://www.arduino.cc/reference/en/libraries/arduinoble/>

<https://ww1.microchip.com/downloads/en/DeviceDoc/ATmega4808-4809-Data-Sheet-DS40002173A.pdf>

**Bunch of info to connect Arduino to H bridge and motors**

<https://projecthub.arduino.cc/lakshyajhalani56/l298n-motor-driver-arduino-motors-motor-driver-l298n-7e1b3b>

<https://www.youtube.com/watch?v=7XUVm_eMsqo&t=4s>

<https://howtomechatronics.com/tutorials/arduino/arduino-dc-motor-control-tutorial-l298n-pwm-h-bridge/>

**Arduino code help**

<https://lastminuteengineers.com/l298n-dc-stepper-driver-arduino-tutorial/>

<https://forum.arduino.cc/t/bluetooth-car-with-hc05-module-and-l298-module-arduino-uno-when-given-commands-from-app-doest-move-at-all/1039914>

<https://projecthub.arduino.cc/samanfern/bluetooth-controlled-car-c71cd0>

Arduino and H-bridge info for Bluetooth and spinning motors

<https://filderbaer.wordpress.com/2014/10/15/building-an-arduino-bluetooth-robot-car-part-2-controlling-dc-motors/>

<https://github.com/jiehou/ArduinoRobotCar?tab=readme-ov-file>

<https://www.14core.com/wiring-driving-the-l298n-h-bridge-on-2-to-4-dc-motors/>

<https://www.martyncurrey.com/hm-10-bluetooth-4ble-modules/>

<https://www.youtube.com/watch?v=nU25V6TOR20>