

Laser Module with Arduino

Components:

1. Arduino Board
2. Laser Module
3. Jumper Wires

Setup



Steps:

1. Connect two jumper wires from 5V and GND on the Arduino to VCC and GND on the Laser Sensor
2. Connect one Jumper wire from S (signal) Pin on the Sensor to digital Pin 9 on the Arduino
3. Upload the Code given below onto the Arduino.
4. Power the Arduino up using a computer or a 9V battery.

Code:

```
int pos = 0;

void setup() {
  pinMode(9,OUTPUT);
}

void loop() {
  for (pos = 0; pos <= 255; pos += 1)
  {
    analogWrite(9,pos);
    delay(25);
  }
  for (pos = 255; pos >= 0; pos -= 1)
  {
    analogWrite(9,pos);
    delay(25);
  }
}
```