

Title:

Sound Sensor

Sensor/Indicator/Actuator:

Sensor

Features:

Detects Sound in the Environment

Connection:

Analog

Summary:

This sensor changes its voltage based on the level of sound. Quick and loud sounds, like a clap, create a sharp peak that can be used to trigger events. Watch out for ambient sound levels. Just because a certain trigger level works for someone doesn't mean it will work for you. As makers you must investigate your surroundings and take note of environmental changes.

Example Code

```
//If you aren't using A0 as your socket change it below
#define sensorSocket A0

int val;

void setup() {
  Serial.begin(9600);
}

void loop() {
  val = analogRead(sensorSocket);
  Serial.println(val);
}
```