

Arduino Sensor Sound



Description:

- The sound sensor module, voice switch, the sensitivity can be adjusted through adjustable resistor on the module. Comparator with high accuracy and fast response of the LM393. 10 meters away from the clap signal is acceptable.
- Two red LED indicators: POWER, and SENSOR.
- POWER: The power-on light.
- SENSOR: This LED lights up when the sound of the microphone sensor reaches a certain value.

Interface definition:

- 1-AO: sensor analog output
- 2-GND: ground
- 3-VCC: Power input range: 3V-24V.
- 4-DO: digital output (comparator output)

Specification

Module has two outputs:

- 1, AO, analog output, real-time output voltage of the microphone signal
- 2, DO, when the sound intensity reaches a certain threshold, the output high and low signal, [threshold - Sensitivity adjustment by potentiometer]

Module Features

- 1. Small size, 32mm X 15mm
- 2. 3mm of mounting screw holes
- 3. You can use 3-15v DC power supply
- 4. Analog output
- 5. Flip-level output threshold
- 6. Cylinder microphone extremely high sensitivity.
- 7. The power LED
- 8. The comparator output has a light

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