

Audio Sensor High Sensitivity

ARD2-3023

- Detect sound intensity
- Digital & analog outputs
- Sensitivity threshold can be adjusted via potentiometer
- Pair with SD Card to create a simple audio recorder

Description

This module features a sensitive microphone for detecting sound. It features both a digital and an analog output. The analog pin outputs a real-time voltage signal of the microphone. The digital pin can output either a high or low signal indicating when sound intensity has reached a certain threshold. The sensitivity threshold can be adjusted via the potentiometer on the sensor.

Specifications

Sensitivity	Adjustable via trimpot
Operating Voltage	0–5.0VDC (analog)
Supply Voltage	5.0VDC
Dimensions	43mm x 16mm x 13mm (LxWxH)
Additional Features	Digital Threshold Comparator
Colour	Red
Material	PCB

Pinout

Module	Arduino	Function
AO	AO	Analog Output
G	GND	Ground Connection
+	5V	5V Supply
DO	D3	Digital Output

