

# Active buzzer

## Overview



This is an active buzzer experiment.

Active means that the direct power supply can make a sound

## Specification

Voltage: DC 5V






Min Sound Output at 10cm: 85dB;

Total Size (Pin Not Included): 12 x 9mm/0.47" x 0.35"(D\*H)

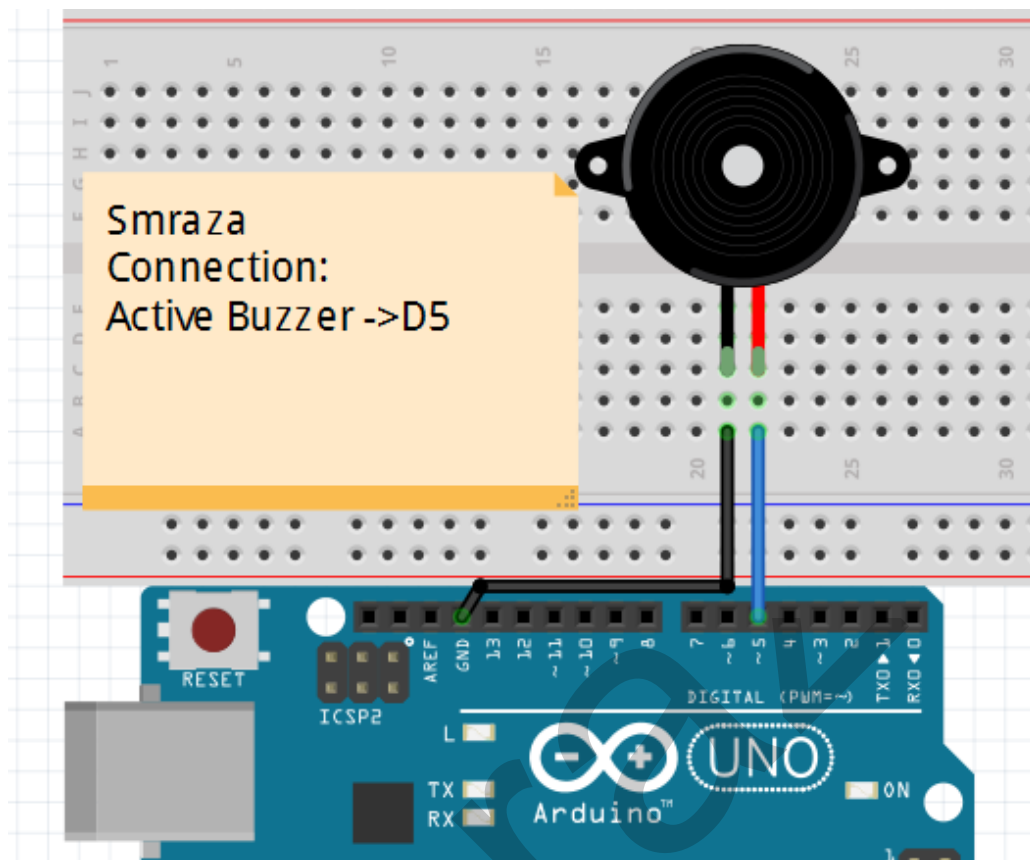
## Pin definition

Active Buzzer		UNO R3
Long pin	->	D5
Short pin	->	GND

## Hardware required

Material diagram	Material name	Number
	Active buzzer	1
	USB Cable	1
	UNO R3	1
	Breadboard	1
	Jumper wires	Several

## Connection diagram



Note : The longest active buzzer of the pin is connected to the digital signal port 5 (D5).

## Sample code

Note: sample code under the **Sample code** folder.

```
int buzzer=5;
void setup()
{
  pinMode(buzzer,OUTPUT);
}
void loop()
{
  digitalWrite(buzzer, HIGH); // produce sound
}
```

## Language reference

**Tips** : click on the following name to jump to the web page.

If you fail to open, use the Adobe reader to open this document.

[digitalWrite\(\)](#)

[pinMode\(\)](#)

**Application effect**

When the upload process is complete, the buzzer rings.

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