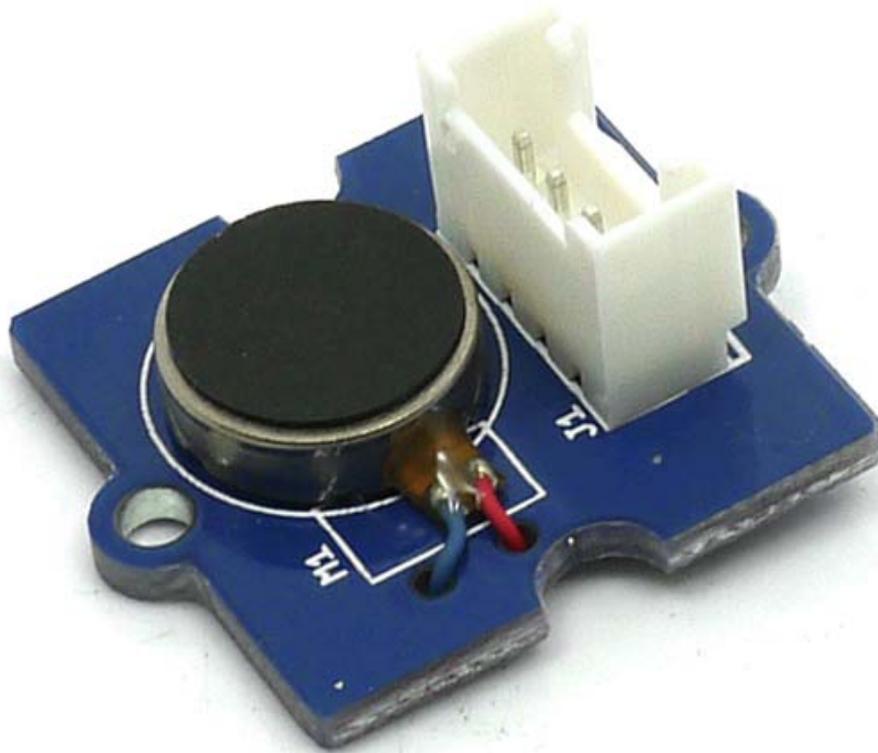


Grove - Vibration Motor



Introduction

This is a mini vibration motor suitable as a non-audible indicator. When the input is HIGH, the motor will vibrate just like your cell phone on silent mode.

For all Grove users (especially beginners), we provide you guidance PDF documents. Please download and read through [Preface - Getting Started](#) and [Introduction to Grove](#) before your using of the product.

Features

- Grove compatible
- Non-audible
- Low power consumption
- High reliability

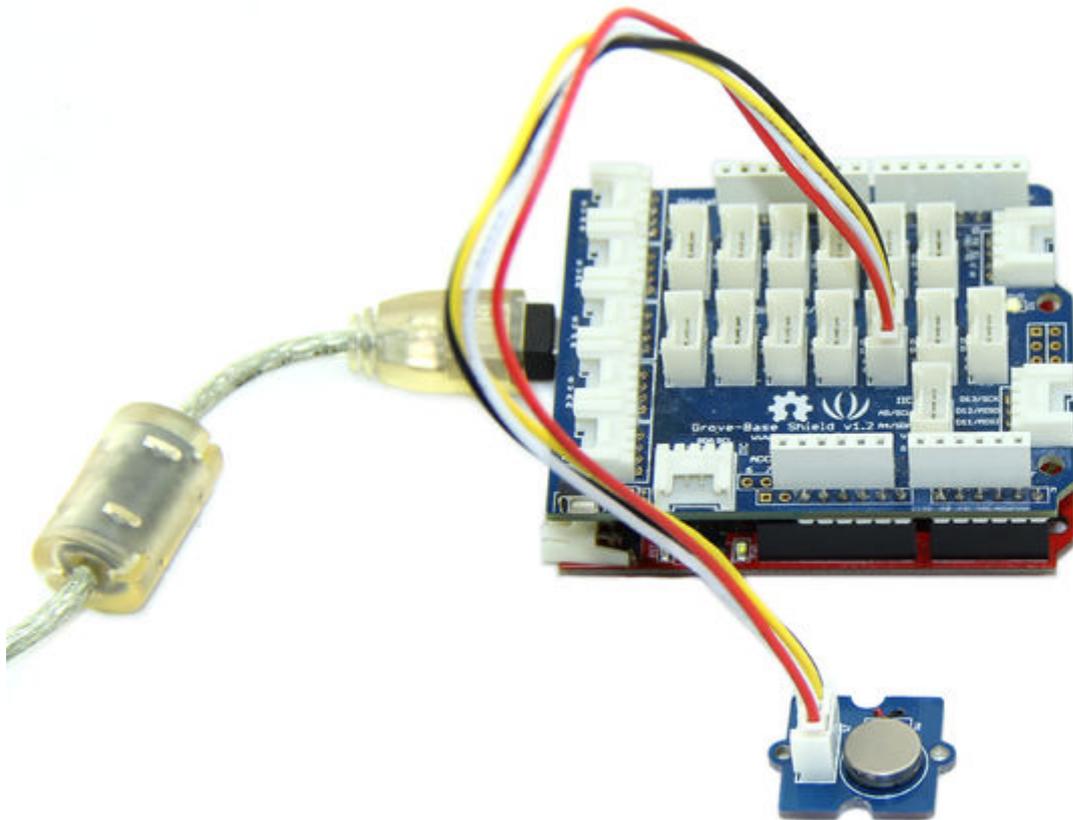
Specification

Item	Min	Typ	Max
Operate Voltage	3.0V	5.0V	5.5V
Control Mode	Logic Level (When Logic HIGH, the motor is ON. When LOW, the motor is OFF.)		
Rated speed	9000 rpm		

Usage

To make it vibrate is just as easy as to turn on an LED. Here is an example showing how to turn on the vibration motor.

1. Plug it onto the Digital port 9 of Grove - Base Shield using a Grove cable.
2. Plug the Grove - Base Shield onto Arduino.



3. Connect Arduino to PC by using a USB cable.
4. Copy and paste code below to a new Arduino sketch, and upload it to your Arduino. Please

click [here](#) if you do not know how to upload.

Demo code like :

```
int MoPin = 9;    // vibrator Grove connected to digital pin 9

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

void loop() {

  digitalWrite(MoPin, HIGH);
  delay(1000);

  digitalWrite(MoPin, LOW);
  delay(1000);
}
}
```

Now, feel the vibration of your motor!