

This plugin is used for connecting to device's vibration functionality.

Step 1 - Installing Vibration Plugin

We can install this plugin in **command prompt** window by running the following code –

```
C:\Users\username\Desktop\CordovaProject>cordova plugin add cordova-plugin-vibration
```

Step 2 - Add Buttons

Once the plugin is installed we can add buttons in **index.html** that will be used later to trigger the vibration.

```
<button id = "vibration">VIBRATION</button>
<button id = "vibrationPattern">PATTERN</button>
```

Step 3 - Add Event Listeners

Now we are going to add event listeners inside **onDeviceReady** in **index.js**.

```
document.getElementById("vibration").addEventListener("click", vibration);
document.getElementById("vibrationPattern").addEventListener("click", vibrationPattern);
```

Step 4 - Create Functions

This plugin is very easy to use. We will create two functions.

```
function vibration() {
    var time = 3000;
    navigator.vibrate(time);
}

function vibrationPattern() {
    var pattern = [1000, 1000, 1000, 1000];
    navigator.vibrate(pattern);
}
```

The first function is taking time parameter. This parameter is used for setting the duration of the vibration. Device will vibrate for three seconds once we press **VIBRATION** button.

The second function is using **pattern** parameter. This array will ask device to vibrate for one second, then wait for one second, then repeat the process again.

Write code index.js file:-

```
function onLoad() {  
    document.addEventListener("deviceready", onDeviceReady, false);  
}
```

```
function onDeviceReady() {  
    document.getElementById("vibration").addEventListener("click", vibration);  
    document.getElementById("vibrationPattern").addEventListener("click", vibrationPattern);  
}
```

```
function vibration() {  
    var time = 3000;  
    navigator.vibrate(time);  
}
```

```
function vibrationPattern() {  
    var pattern = [1000, 1000, 1000, 1000];  
    navigator.vibrate(pattern);  
}
```

Write code index.html file:-

```
<!DOCTYPE html>
```

```
<html>
```

```
  <head>
```

```
    <link rel="stylesheet" type="text/css" href="css/index.css">
```

```
    <title>Hello World</title>
```

```
      <script type="text/javascript" src="cordova.js"></script>
```

```
    <script type="text/javascript" src="js/index.js"></script>
```

```
  </head>
```

```
  <body onload="onLoad()">
```

```
    <button id = "vibration">VIBRATION</button>
```

```
  <button id = "vibrationPattern">PATTERN</button>
```

```
  </body>
```

```
</html>
```