Similar Products

The Buzz:

* The Buzz has a microphone that picks up sound and a computer chip that breaks it into eight frequency ranges. Each frequency range links to a built-in micro motor. When sound from a specific range activates the corresponding motor, it buzzes slightly.
* It was developed by David Spellman, CEO of NeoSensory.
* It can be used by the deaf. But it has more other uses. For example, it can be used to increase the sensory perception of a person.

The Vibering:

* It is a sound detection and identification device used by deaf and the hard of hearing to capture the sounds around them so that they can be safe in their surroundings. It comes in the form of a wristband and two rings which have to be worn on both the hands.
* It was designed by Kwang-seok Jeong, Min-hee Kim and Hyun-joong Kim.
* The rings are designed to act as the person's ears as they listen for sounds coming from behind the individual. The wristwatch identifies the sound captured by the rings and presents the information to the wearer in an easy to read display.

VibroHear:

* The device vibrates and flashes green or red LED lights depending on the closeness and volume of sound.
* It was developed by an all-female team of students from a Qatar University at [INJAZ Young Enterprise of the Year Competition](http://www.injaz-qatar.org/).
* Their aim was to make the hearing impaired people feel independent.

Ref for the Deaf:

* It is a device which is to be used in sports. At the start of a game, usually a whistle is sounded or a gun is fired which cannot be heard by hearing impaired athletes. So this device/bracelet sends out instant light and vibration signals whenever the whistle sounds or the gun is fired, so that the wearer can be immediately aware.
* This idea was put forward by a 13 year old girl- Celia Beron. The device is still in the process of being developed.

Applications //of our device

1. The device can be programmed to be a vibrating alarm for the hearing impaired people.
2. It can be used as a notification device if we modify the code and the system.

References

[www.hear-it.org](http://www.hear-it.org)

[www.bbc.com/-helping-the-deaf-to-see-sound](http://www.bbc.com/-helping-the-deaf-to-see-sound)

[www.neo.life/-the-wristband-that-gives-you-superpowers](http://www.neo.life/-the-wristband-that-gives-you-superpowers)

[www.geneticliteracyproject.org/vibrating-wristband-gives-deaf-people-a-new-way-to-hear](http://www.geneticliteracyproject.org/vibrating-wristband-gives-deaf-people-a-new-way-to-hear)