

## **Abstract**

“Earphones of Sensing the heart rate” is small volume and portable convenience. And the position is unlimited that the user is detected. and keep abreast of the situation about heartbeat. In our research, we make the heartbeat of detection which is connect with Bluetooth and cell phone, it make use of Piezoelectricity theory, the signal transform electric signal and display in our cell phone’s screen. Finally, user conveniently get the values of medical reference