

Individual Project Research  
Beth Anne Watts

**Product:** Plantronics BackBeat SENSE

**Website:** <http://bit.ly/1LLLraA>

When comparing smart headphones, Plantronics' BackBeat SENSE comes about as close to Muzik's Smartheadphones as you can get with only a few minor deficiencies. The BackBeat sense is a wireless headphone that operates with your phone via bluetooth technology. Much like Muzik, Plantronics' headphones are on-ear, have motion-sense controls that pause your music when you take the headphones off and has the capability of answering phone calls during use. Some of the more distinct features of the Backbeat SENSE include the device's capability to connect to multiple bluetooth devices, giving the user whisper status notifications and the ability to track your headphones if they are lost using an app. The headphones could improve by offering more interactivity with the user's phone and more capabilities for the accompanying app.



# listen. track. communicate.

**THE DASH**  
WIRELESS  
IN EAR HEADPHONES  
4GB MP3 PLAYER  
MICROPHONE  
BLUETOOTH HEADSET  
FITNESS TRACKER  
HEARTRATE MONITOR  
WATERPROOF



**Product:** Bragi - The Dash

**Website:** <http://www.bragi.com/>

The Dash is an in-ear wireless earphone that, much like the Muzik Smartheadphone, operates with your phone via bluetooth, has microphone capabilities for answering phone calls and has touch controls on the outside of the headphones. However, these earphones are much less bulky than on-ear headphones, are easy to carry with you and come with a travel case that charges the earphones when they are not in use. The Dash is also geared more toward active consumers by featuring a fitness tracker that can track your distance, steps, speed, heart rate, body temperature and much more. All of this information is sent to an app that was created for the earphones but the info can also be synced with your existing fitness apps. The earphones are also capable of operating without connection to a phone or music player because users are able to store 4G worth of music content directly onto the earphones. The only improvement I can think of is to integrate social media and enable sharing through the app.



**Product:** Avegant Glyph

**Website:** <http://avegant.com/>

Avegant's Glyph appear to be just another pair of headphones at first glance, but they are capable of much more than they appear. Glyph functions as any wireless on-ear headphone would: bluetooth connectivity, built-in microphone and touch controls on the headphones. However, it is also possible to consume video content as well as audio content through this particular hardware. When flipped down over the eyes, the headphones can show video content through a virtual retinal display when connected to any smartphone, TV, gaming console, tablet, etc. though an HDMI cord. The headphones are rechargeable with a USB cord and are adjustable to many different sizes (the retina display can also adjust to compensate for people's vision so that wearing glasses with the device is unnecessary.) As far as the audio headphones go, voice controls could be integrated for hands free operation. This technology could also be used as a virtual reality device which will allow users to experience portable entertainment in a whole new way.