

Comparison of Smart Headphones Andrew Lee

The Glow [Laser Headphones!](#)



The Glow is a kickstarter in-ear headphone that gives a visual aspect for listening to music. These headphones are the first headphones that are illuminated by Fibrance light, where the radiant laser light pulses to the music you're listening to. The Glow has its own charger to charge the laser lights, and the battery life lasts about 8 hours. The internal battery is solely for the purpose of having the lights on, so if the battery goes out, the owner can still listen to music. These headphones are similar to Muzik's smart headphones where it is able to text, take pictures and utilize voice control through its built-in mic. The Glow also has an app where the owner is able to personalize the product, such as changing the light setting and pulse patterns. Depending on the individual, the fact that these headphones are wired could be more of a con than a pro, even with the light show, but to those who prefer fashion over comfort, these headphones would be great. One major issue that I could see is that an obnoxious person could set their lighting preferences to be going off like a rave, and this could potentially be a health hazard to others.

Avegant Glyph

[Audio and Video Headphones!](#)



The Glyph presents a crazy twist to headphones. These headphones can be used for audio but also video content, where the user just moves the headband over his/her eyes and suddenly the Glyph becomes glasses. When in video mode, the Glyph projects images directly onto the retina, and these have adjustable dioptics, so people who normally wear glasses won't have to. They could

just adjust the dioptics to their personal preference. The virtual retina display that it utilizes gives a clearer and vivid image than most products out there. With just the use of an hdmi cable, the owner is able to use these headphones for movies, video games, television etc. Similarly to Muzik's smart headphones, the Glyph is a wireless on-the-ear headphone that connects to a smartphone via bluetooth. The Glyph could become something like an Oculus Rift because it utilizes 6 Degrees of Freedom Inertial Unit Measurements. One problem that I see is that although these headphones are very powerful, with audio and video capability, these tasks are also very draining on its battery. The battery life for video is three hours, but for audio its 48 hours. If the user would have to be careful on mixing and matching both uses.

Bragi The Dash

[Very Personalized Headphones](#)



The Dash has an enormous amount of uses. Of course there is the audio, where not only can it connect to a smartphone and play music, but it also has an internal storage of 4GB. If the user is out for a run and doesn't feel like carrying around extra weight, he/she could just leave everything home and be worry free about something falling out of a pocket. The Dash is also very personalized, where it has low intensity red and infrared lights that reveal how much red and white blood cells are present every 50 seconds. This gives a precise reading for heart rate and oxygen saturation levels. There is also a thermometer that measures the user's body temperature. If that wasn't enough, The Dash uses an ear bone, where it records the user's voice and reduces the ambient noise. The Dash also has a touch sensitive control, like what Muzik's smart headphones use, which makes it easy to use. There is also a Bragi app that is used along with the headphones to give the user more settings to choose from. The downside that I found was that The Dash lasts three hours per charge, but The Dash comes with a travel sized charging case that holds 5 charges. Although it might be slightly tedious to constantly charge these headphones, that might be a small price to pay for everything else that it does amazingly.