Subject: How do Noise Cancelling Headphones Work
Posted by Samuel on Wed, 05 Feb 2014 09:37:06 GMT
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I've just seen the Bose noise cancelling headphones mentioned. How do they work? Do they just block out the noise or is there something more fancy going on?

Subject: Re: How do Noise Cancelling Headphones Work
Posted by chrisR on Thu, 27 Feb 2014 03:18:51 GMT
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Something a little more fancy. I got a set of Bose QC-II's as a gift, and I actually like them pretty well. Never having tried anything like that, I was a little annoyed at first they have to have a battery and be turned on to work. Silly me. Anyhow, the idea is they have a microphone on the outside that gets blended with the regular signal, only inverted, so that the external noise gets canceled at your ear. No music is needed to try this out. Just put them on and turn them on. In a second or so, the regular background noise seems to disappear. The not so regular noise doesn't get reduced in the same way, but overall the effect is nice.

Subject: Re: How do Noise Cancelling Headphones Work
Posted by Iceage on Thu, 27 Feb 2014 09:54:58 GMT
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So these only work for constant noise that is occurring around you? I presume that irregular noises, the headphones wouldn't have time to work on, that there's a delay?

That being the case I assume they wouldn't work on kids?

Subject: Re: How do Noise Cancelling Headphones Work
Posted by chrisR on Tue, 04 Mar 2014 13:52:57 GMT
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You'd have to ask my co-workers. :^) More than once, I wouldn't hear someone trying to get my attention, and I don't play the music loud by any stretch. It's worth a trip to a Bose store if you've never tried them.

Subject: Re: How do Noise Cancelling Headphones Work
Posted by Rockstar on Tue, 22 Apr 2014 23:54:30 GMT
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I wondered how they worked too. I love the commercials that they have. I thought they blocked

out all outside noise. I might have to get a pair and try them out. I would have to listen to music though. I would not want them in my ears if I wasn't listening to music.

Subject: Re: How do Noise Cancelling Headphones Work
Posted by Round2 on Wed, 23 Apr 2014 10:44:22 GMT
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They block the outside noise coming into the headphones but do they block the noise in the headphones from coming out to others around you? That is what I need for my son's ear-damaging music. How expensive are these Bose headphones?
