Subject: Measuring through earbuds
Posted by Mica on Fri, 24 Dec 2021 01:34:23 GMT
View Forum Message <> Reply to Message

How can you measure how loud noise is when it is coming through earbuds? I'm afraid that even though the music isn't at full blast, it's too loud for my children. I want a way to measure it.

Subject: Re: Measuring through earbuds
Posted by LCallan on Fri, 31 Dec 2021 00:33:19 GMT
View Forum Message <> Reply to Message

You can measure the loudness with a decibel meter. They're fairly inexpensive to acquire on Amazon. However, a quick trick is to hold the earbuds at arm's length with their music playing as usual. If you can still easily hear the music, then you know it's too loud for them.

Subject: Re: Measuring through earbuds
Posted by Kingfish on Sun, 30 Jan 2022 17:10:26 GMT
View Forum Message <> Reply to Message

I only use buds for softer music, podcasts, etc..... Since they are in my ear and that close to the drum, I don't want to damage anything and I don't want to totally drown out the outside noises.

Subject: Re: Measuring through earbuds
Posted by Silver on Sat, 26 Feb 2022 09:43:12 GMT
View Forum Message <> Reply to Message

LCallan wrote on Thu, 30 December 2021 18:33You can measure the loudness with a decibel meter.

Do they make decibel meters with "ports" in them that look like ear openings to put the buds into? That would be a very accurate way of doing it.

If not, maybe they should. And maybe I just invented something.

(Saving post for proof of idea)

Subject: Re: Measuring through earbuds
Posted by Zart on Mon, 04 Apr 2022 13:46:59 GMT
View Forum Message <> Reply to Message

Usually, there would be a warning that would pop on your screen when the volume is too loud.

You can use that, in general, as the minimum level, then decrease the sound from that if you think it's still too much.

Subject: Re: Measuring through earbuds
Posted by Becky on Thu, 06 Nov 2025 18:13:22 GMT
View Forum Message <> Reply to Message

That’s a good question! You can use a free decibel meter app on your phone, just put one earbud close to the phone’s mic and play the music at its usual volume. It won’t be exact, but it gives a rough idea. Safe listening is usually under 85 dB, so if it’s louder than that, it’s best to turn it down. Some phones also have built-in volume limit settings you can use for kids.

Subject: Re: Measuring through earbuds
Posted by Prince on Mon, 23 Feb 2026 05:40:39 GMT
View Forum Message <> Reply to Message

Measuring the noise can be done in many ways, but the ones that I would suggest you do are these two methods.

The first one is what I call the talk test. You need to talk when you are standing a few metres away from them. If they are unable to hear you easily, then you need to reduce the volume.

The second one is what some have suggested already which is using a phone app like the NIOSH sound level meter. You measure this by placing the phone mic right against the earbud cup to measure. The aim should be around 75 dB which is ideal for kids. Once you get the measurement right, you won't have anything to worry about anymore.
