Subject: Is it called pacemaker?
Posted by Wolfgang on Sat, 16 Oct 2010 20:53:52 GMT
View Forum Message <> Reply to Message

You know that annoying sound coming out from the speaker when a cellphone nearby is going to receive a text message or a call? How do I eliminate or at least minimize that?

Subject: Re: Is it called pacemaker?
Posted by Wonderwoll on Mon, 25 Oct 2010 11:26:35 GMT
View Forum Message <> Reply to Message

It's caused by static. My friend said you can get a special cloth to stand the speakers on, or buy speakers with a magnetic shield. I hate that noise too, so hope this helps.

Subject: GSM noise from cell phones
Posted by Wayne Parham on Mon, 25 Oct 2010 16:45:53 GMT
View Forum Message <> Reply to Message

This is actually a switching noise, an RF signal generated by a cell phone that uses the GSM network when communicating with the cell tower. AT&T and T-Mobile are the major carriers that use this kind of signaling. Poorly shielded amplifiers sometimes detect and amplify this signal, causing the weird clicking or pulsing sound just before your cell phone rings, during a call and when you're sending or receiving a text message. It also happens when the phone is trying to register with the system, like when you move between towers.

Phones from Verizon/Alltel and Sprint/Nextel use the CDMA network, which doesn't use the same pulsing radio frequencies as GSM phones. They usually don't generate the same RF noise, and so aren't usually a problem when used near small amplifiers, intercoms or amplified speakers. However, world phones that use both CDMA and GSM networks will generate this noise when communicating with a GSM network.

Moving your phone away from your intercom, amp or amplified speakers will reduce or eliminate the noise. Better amps with RF shielding don't usually have the problem. An easy test is to put your phone near the amp in question and send it a text message.

Subject: Re: GSM noise from cell phones
Posted by Wolfgang on Mon, 25 Oct 2010 18:15:51 GMT
View Forum Message <> Reply to Message

Thanks, for your precise explanation, Wayne. That was really informative. I know moving your phone away will eliminate that noise, LOL! But sometimes some speakers do pick up the signal

even if the phone is about 10 feet away.

Subject: Re: GSM noise from cell phones
Posted by audioaudio90 on Mon, 25 Oct 2010 21:34:05 GMT
View Forum Message <> Reply to Message

I hate that sound. It's good to know that since I just switched to Verizon I won't have to worry about it as much. Thanks for the interesting explanation Wayne!