



MOBILE & ACCESSIBILITY

Hearing Aid Compatibility with Mobile Phones

When some mobile phones are used near hearing devices (hearing aids and cochlear implants), users may detect a buzzing, humming, whining or other form of noise interference. Some hearing devices are more immune than others to this noise interference, and mobile phones also vary in the amount of interference they generate.

The wireless telephone industry has developed ratings to assist hearing device users in finding mobile phones that may be compatible with their hearing devices. Not all mobile phones have been rated.

If the box, owner manual or mobile phone for your particular model has "Rated for Hearing Aids", "Hearing Aid Compatible" (HAC) and/or an American National Standards Institute (ANSI) rating printed or designated on it, the following shall apply.

There is no guarantee that a rated mobile phone will definitely work for you, but they should improve usability for hearing device users. Results will vary depending on the user's hearing device and hearing loss. Hearing devices may be measured for immunity to noise interference. Your hearing device manufacturer or hearing health professional may help you find results for your hearing device. The more immune your hearing device is, the less likely you are to experience noise interference from mobile phones.

A non-rated mobile phone may work with hearing devices. A lack of rating does not mean a mobile phone will not work with a hearing device. Be sure to try the mobile phone model with your hearing device in the store before making your purchase. It's best to try several models before buying to find the best match with your hearing device.

Your mobile phone's Radio Frequency emissions can also change depending on your location. Be sure to fully evaluate your listening experience indoors and outdoors. Everyone's hearing loss is different and what works for one person may not work for another.

M-Ratings: Phones rated M3 or M4 meet FCC requirements and are likely to generate less interference to hearing devices than phones that are not labeled. M4 is the better/higher of the two ratings.

T-Ratings: Phones rated t3 or T4 meet FCC requirements and are likely to be more usable with a hearing device's telecoil ("T Switch" or "Telephone Switch") than unrated phones. T4 is the better/higher of the two ratings. (Note that not all hearing devices have telecoils in them.)

Hearing devices may also be measured for immunity to this type of interference. Your hearing device manufacturer or hearing health professional may help you find results for your hearing device. The more immune your hearing aid is, the less likely you are to experience interference noise from mobile phones.

You could find the HAC rating of your Alcatel & TCL mobile phone on that location:

[My mobile phone hearing-aid-compatibility](#)