

# Hearing Aid Compatibility

## NEC DTerm Handsets – S040

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It is important to note that all NEC handsets are S040 compliant.

Hearing Aid compatibility is what S040 is mostly all about. It specifies the amplitude and frequency response of the magnetic field which is radiated from a handset's receiver transducer (i.e. the little 'speaker' inside a handset earpiece). [Note: - a 'speaker' consists of a coil of wire wound around a permanent magnet].

Hearing aids typically include a small antenna that picks up the magnetic field when in Telecoil mode.

Older hearing aids have a physical switch (the so-called 'T' Switch) on the back for selecting Telecoil mode.

Our understanding is that the newer hearing aids don't have a T switch, but can sense the presence of the permanent magnet of a telephone's handset receiver transducer and go into Telecoil mode automatically when the user holds a telephone handset up to their ear.

If a hearing aid user is having difficulty using a telephone, we suggest they discuss this with their audiologist and ensure that all the necessary modes of their hearing aid are enabled and configured to match their hearing impairment.

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