



IMPACT<sup>XP</sup>



Expandable  
for life's  
changes.

SONOVATION

ImpaCt Xp is the first software expandable line of DSP hearing instruments with Digital Frequency Compression.

### What's special about a software expandable DSP?

Older generation digital hearing aids could perform many tasks but their performances could never be upgraded. To access new algorithms, (i.e. new technology) a new hearing aid had to be purchased.

In contrast, ImpaCt Xp's software expandable DSP can be upgraded again and again by simply receiving new software. This makes ImpaCt Xp the ideal solution for life's changes.

### Why Digital Frequency Compression?

The importance of hearing high frequency speech sounds, particularly the /s/ is described by Dr. Mark Ross, noted Audiologist and experienced hearing aid user: *"The /s/ sound ordinarily contains acoustic energy which begins around 3,000 – 4,000Hz and extends past 8,000Hz. Not only do conventional hearing aids not amplify these same frequencies, but the hearing loss of most people is typically poorer at these same frequencies. In other words, the hearing loss is most severe at frequencies where hearing aids are least able to amplify. And, what makes the situation worse, at least as far as the /s/ is concerned, is that the phoneme conveys more grammatical information than any other sound in the English language (think about plurals, third person singular, contractions, etc.)"*

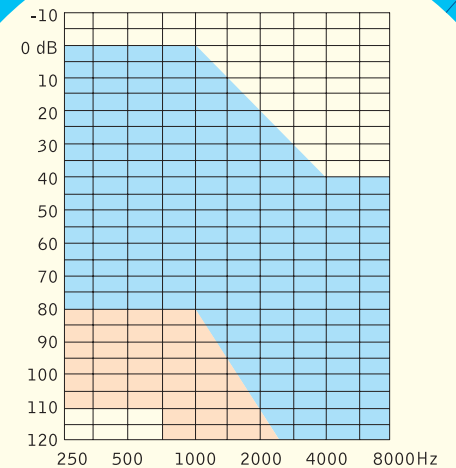
### What's special about Digital Frequency Compression?

ImpaCt Xp offers individuals with high frequency hearing loss something not available in other digital instruments, Digital Frequency Compression. A patented technology, Digital Frequency Compression, "moves" high frequency speech sounds like "s," "t," "f," "sh" to lower frequencies where hearing is typically better.

Digital Frequency Compression together with ImpaCt Xp's 17 band advanced signal processing, "Voice Clarity" speech emphasis, noise reduction and feedback suppression ensure comfort, audibility and improved speech understanding.



If your hearing loss fits within the shaded area, ImpaCt Xp is the hearing instrument you've been looking for!



# IMPACT xp

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## ImpaCt Xp Custom Options:

In-The-Ear (ITE) instruments offer high power and long battery life. Optional features include digital dual-directional microphones and a powered telecoil.



In-The-Canal (ITC) instruments are discreet, loaded with features and include optional digital volume control, multi-program switch and powered telecoil.



Completely-In-The-Canal (CIC) instruments are virtually invisible yet packed with the same powerful DSP.



To find the name of an ImpaCt Xp Fitting Center near you, please contact Sonovation at 800-462-8336 or the facility listed above.

Visit [www.avrsono.com](http://www.avrsono.com)

SONOVATION

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