

## References

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# HARMONY®...Hear Effortlessly



# AutoSound

...makes it easy to hear music

"Happy Birthday"... "Pomp and Circumstance"... "Here Comes the Bride"... "Auld Lang Syne." Life's milestones and special moments are celebrated with music. But listening to music can be challenging for cochlear implant recipients.

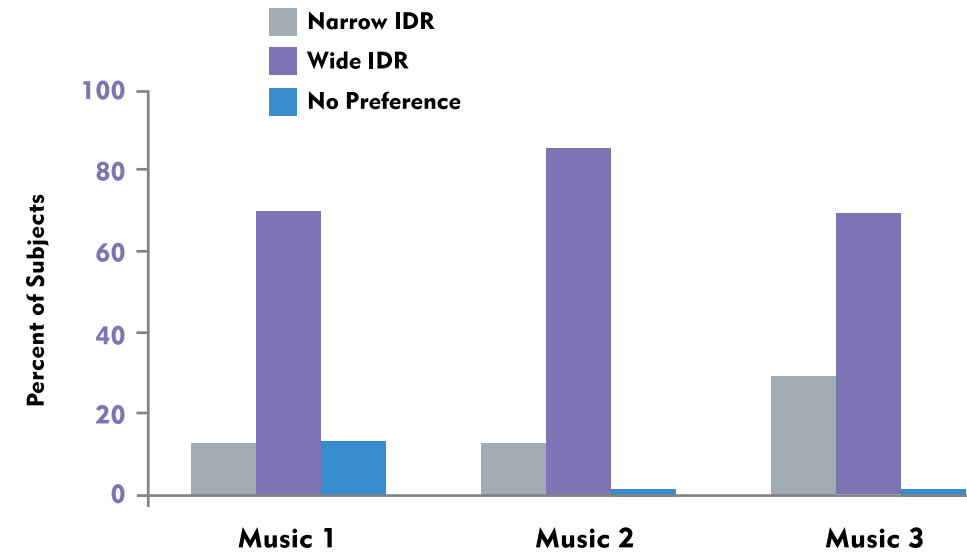
Advanced Bionics recognizes the importance of hearing music in the real world. That is why the Harmony® HiResolution® Bionic Ear System offers the unique AutoSound™ feature. AutoSound adapts dynamically to *capture and deliver the softest and loudest music you want to hear*. From a quiet lullaby to a heavy metal song, AutoSound's programmable wide input dynamic range (IDR) and automatic volume control *adjust automatically, so you don't miss a note* of your favorite music or performers.

## Real Science

Studies have shown that music enjoyment is very poor in users of older or competitive technology.<sup>1-2</sup> But Harmony with AutoSound and HiResolution sound processing has changed the way music is delivered. Harmony recipients report a much higher degree of satisfaction when listening to music.<sup>3</sup>

AutoSound plays a significant role in improving the music experience. Adults prefer a wide IDR over a narrow IDR (programmed like the competition) for listening to music.<sup>4</sup> AutoSound provides the widest IDR available in any of today's cochlear implant systems.

Harmony with AutoSound and HiResolution sound processing captures and delivers all of the details of sound (intensity/loudness, frequency/pitch, timing information), making it easier for you to experience unsurpassed music listening.



Percent of 7 adult Harmony users who preferred a wider IDR (70 dB vs. 40 dB) for listening to three different styles of music.<sup>4</sup>

AutoSound...Hear Effortlessly

AutoSound adapts dynamically to virtually every environment

