

SONIC | groove™



Everybody needs a little

groove™



SONIC®
innovations



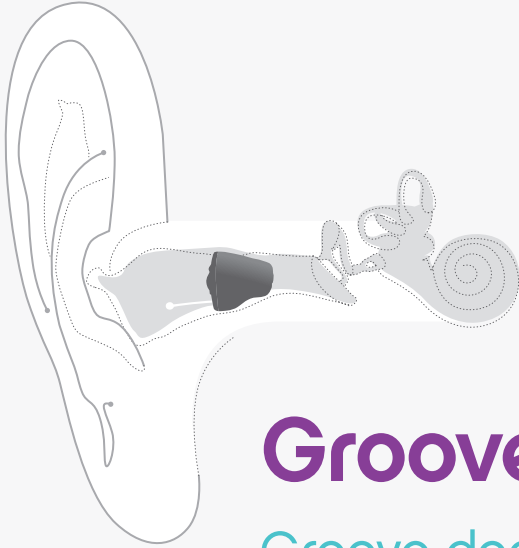
A little style. A little size.



And the unmistakably natural sound of Sonic Innovations technology. It's hard to resist the beat Groove brings to everyday life.

Designed to slip unnoticed into the second bend of the ear canal, Groove has no extraneous hardware to get in the way of personal style. But even out of sight, Groove shines in difficult, noisy situations. Driven by the quality sound Sonic Innovations is known for plus powerful noise reduction, Groove naturally fits the tempo of your patient's active life.





Groove is outta sight!

Groove doesn't feel the need to make a public statement. Each device is custom molded to nestle deep in the ear, right out of sight. It won't get in the way of personal style because it has no extraneous hardware.

No stopping the beat

Perhaps the thing Groove wearers notice the most is that they don't notice it at all. People love that it feels and sounds so natural. There's no outside wind noise. No trouble using the phone. And no hassle—just put it in, and enjoy better hearing all day long.





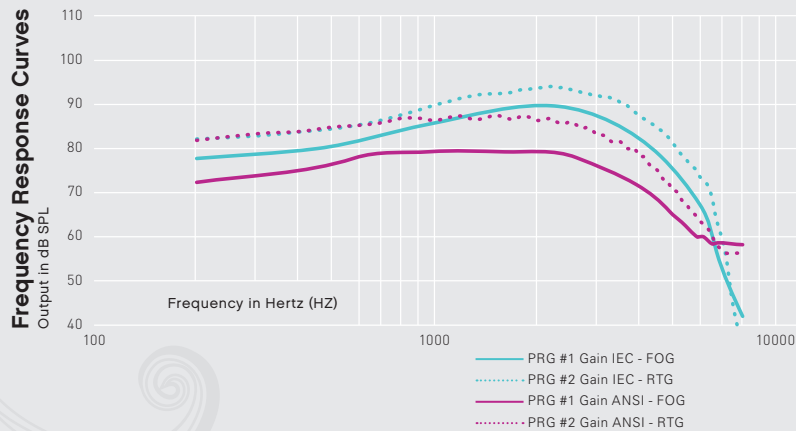
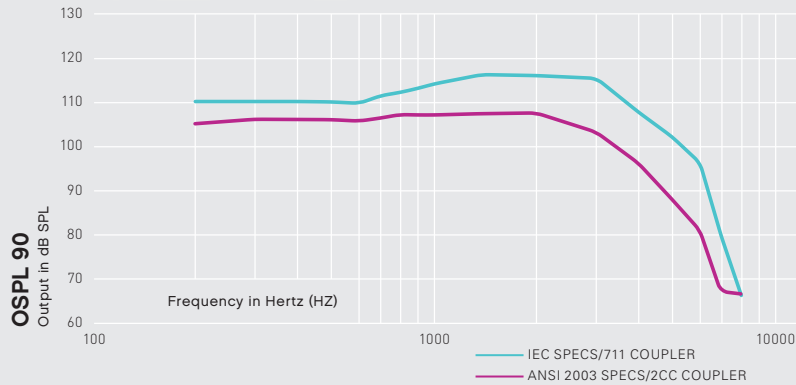
Technology that gives

No one packs as much performance into tiny instruments as Sonic Innovations. Our Sonic Sound™ signal processing means a comfortable, genuine hearing experience. And with powerful noise reduction, Groove shines in listening environments of all types.

Sonic Sound™ signal processing in 24 independent compression channels for precise amplification and robust, natural sound.

Four levels of clinically proven **Adaptive Noise Reduction** to improve speech understanding in background noise.

Soft Noise Management (Expansion) suppresses low level noise to maximize speech intelligibility.



specifications

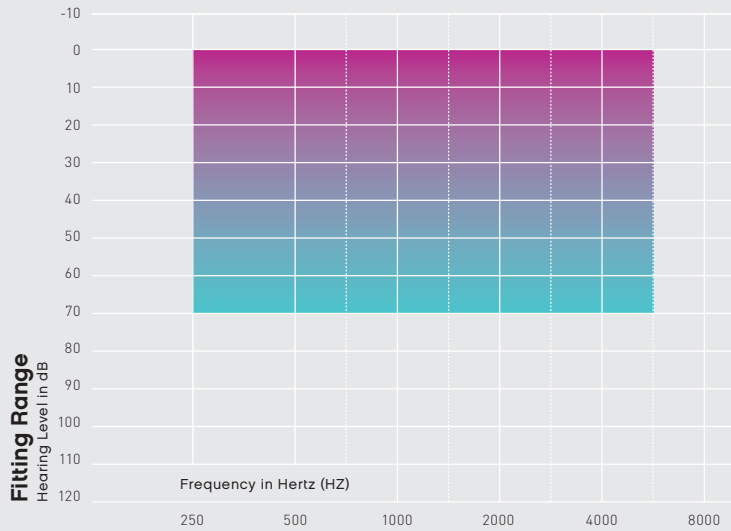
Ear Simulator (IEC 118-0)

Max Output OSPL90 [P1]	119 dB SPL
Max Output (OSPL90), 1600Hz (P1)	116 dB SPL
Full - On Gain (P1)	40 dB
Full - On Gain, 1600 Hz (P1)	39 dB
Reference Test Gain (P2)	33 dB
Frequency Range (P2)	200 - 5600 Hz
Total Harmonic Distortion (P2)	
» 500 Hz	2%
» 800 Hz	1%
» 1600 Hz	1%
Equivalent Input Noise*	23 dB SPL
Battery Current (P2)	1.2 mA
Attack Time (P2)	38 msec @ 2kHz
Recovery Time (P2)	38 msec @ 2kHz
EMC IRIL (800 - 960 MHz Peak)	< 20 dB SPL
EMC IRIL (1400 - 2000 MHz Peak)	< 40 dB SPL

2cc Coupler (ANSI S3.22-2003)

Max Output (OSPL90) [P1]	111 dB SPL
HFA - OSPL90 [P1]	106 dB SPL
Peak Gain (P1)	31 dB
HFA Full - On Gain (P1)	30 dB
Reference Test Gain (P2)	27 dB
Frequency Range (P2)	200 - 5600 Hz
Total Harmonic Distortion (P2)	
» 500 Hz	2%
» 800 Hz	1%
» 1600 Hz	1%
Equivalent Input Noise**	29 dB SPL
Battery Current (P2)	1.2 mA
Attack Time (P2)	38 msec @ 2kHz
Release Time (P2)	38 msec @ 2kHz

[P1] = maximum compression program / [P2] = reference test gain program.
*IEC test using an anechoic chamber with noise insulation >40dB from 20Hz to 1500Hz and >45dB above 1500Hz, and measurement microphone noise <25dB SPL over 20Hz to 20kHz. **ANSI test using a typical hearing aid test system with noise isolation of 45dB at 1kHz, and measurement microphone noise <50dB SPL over 200Hz to 8kHz. EIN measured with low level expansion enabled. Specifications subject to change without notice



features

Performance

Sound Sound™ Channels	24
Fitting Handles	9
Speech Enhancement	✓
Supported Fitting Rationales	Best Fit Fast NAL-NL1 DSL m(i/o)

Noise Management

Soft Noise Management (Expansion)	✓
Adaptive Noise Reduction	4 Levels
Adaptive Feedback Canceller	✓

Programming Options

Environments	5
Data Logging	✓
Voice Alerts	✓

Battery

Size	10A
Estimated Battery Life	74 - 103 hours

“I love the fact that
no one can see my
hearing aid!”

—Paul Jackson,
Groove wearer





www.sonici.com

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