Everybody needs a little Groove

Product Introduction

A Little Style. A Little Size…

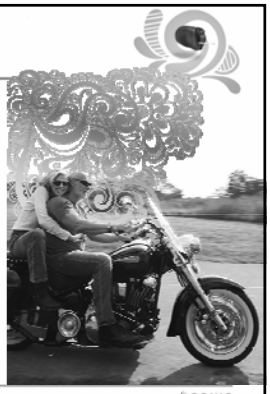
…And the unmistakably natural sound of Sonic Innovations technology. It's hard to resist the beat Groove brings to everyday life.

Groove is Outta Sight!

- Each device is custom molded to nestle deep in the ear, right out of sight.
- Doesn't get in the way of personal style with extraneous hardware.

No Stopping the Beat

- Groove wearers love that it feels and sounds so natural.
- No outside wind noise.
- No trouble using the phone.
- No hassle—just put it in, and enjoy better hearing all day long.



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Technology That Jives

- No one packs as much into tiny devices as Sonic Innovations.
- Sonic Sound™ signal processing provides a comfortable, genuine hearing experience.
- With powerful noise reduction, Groove shines in listening environments of all types.

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Is Your Patient a Candidate for Groove?

Let's face it - every patient wants a practically invisible hearing solution like Groove. However, the very nature of a microCIC may not be suitable for all patients, and understanding who is an appropriate Groove candidate can make the difference between a delighted customer and someone who returns disappointed.

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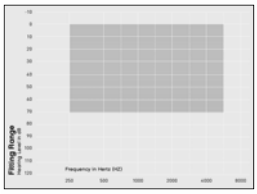
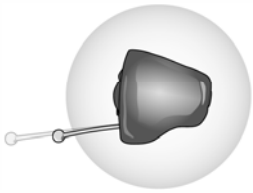
Candidacy: Hearing Loss

- Ideal for patients with mild-to-moderate loss.
- Fitting Range of 70 dB HL.



Candidacy: Dexterity

- Groove is very small!
- If your patient has dexterity or tactile issues, Groove might not be the best solution.
- Optional device handling accessories:
  - Longer retrieval cord
  - Larger retrieval cord ball



Candidacy: Body Chemistry

- Groove is practically invisible because it sits deep in the ear canal.
- Because Groove fits so deep, the microphones can be more susceptible to cerumen and moisture than other custom products.
- Patients who naturally produce excess cerumen may not be good candidates for Groove
- For patients with a history of slightly above-average cerumen or moisture production, order Groove with a windhood to help protect the microphone.

Groove Impression Techniques

A comfortable, out-of-sight Groove product starts with a great impression. Because of Groove's size and way it sits in the canal, it is critical that the impression you make extends beyond the second bend of the ear canal. Here are a few basic guidelines that will help ensure a great impression.

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Perform a Thorough Otoscopic Exam

- Use an otoscope to verify a healthy tympanic membrane and that the ear is cerumen free.

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Place the Otoblock

- Place a flattened cotton otoblock just beyond the second bend of the canal.
  - Make sure there are no gaps around the edges
- Use caution if using foam blocks – they take up more space, making it difficult to obtain impressions that go beyond the second bend.

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Inject the Impression Material

- Insert the impression syringe into the canal.
- Slowly release the material, filling the ear while simultaneously withdrawing the tip still embedded in the silicone.

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Remove the Cured Impression

- After the material has fully cured, have the patient break the seal with jaw movement to aid in removal.
- Pull up and back on the pinna and rotate the mold forward to pull straight out of the ear.

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Inspect the Impression

- The following landmarks should be clearly visible:
  - Helix and antihelix
  - Tragus and antitragus
  - Concha bowl
  - Canal
  - Second bend (impression should extend at least 5 mm beyond the bend)

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Inspect the Impression

- Must have the following appearance, quality and texture traits:
  - All landmarks filled
  - Good definition of 2nd bend
  - Smooth surface
  - No fold marks, gaps, bubbles, or other blemishes
- If it does not meet the criteria, take a new impression.

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Measuring the Groove Impression

Now that you have a great impression, you'll need to verify that the patient has an ear canal that is suitable for Groove.

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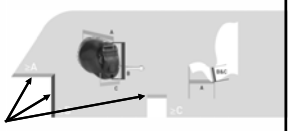
Using the Groove Measurement Gauge

- The Measurement Gauge makes it easy to verify that impressions meet the minimum criteria.
- Use the color-coded notches to measure the corresponding parts on the impression.



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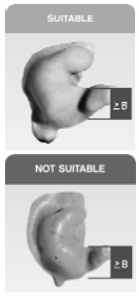
Dimension A: Canal Length

- Defines proper receiver placement and recession into the ear.
- Length of the canal should be **longer than or equal** to the blue “A” measurement.

Dimension B: Canal Height

- Defines minimum height of the faceplate.
- Height of the canal at the first bend should be **taller than or equal to** the purple “B” measurement.



Dimension C: Canal Width

- Defines minimum width of the faceplate.
- Width of the canal at the first bend should be **wider than or equal to** the yellow “C” measurement.

Features & Specifications

Groove Design

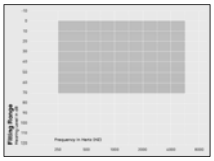
1. Top orientation indicator
2. Canal
3. Sound outlet with wax protection
   NoWax or extended receiver tube
4. Microphone
   Windhood available

Groove Design

5. Battery door
   Uses standard 10A battery
6. Vent
7. Retrieval cord
   Longer length available
8. Retrieval cord ball
   Larger size available

Features & Fitting Range

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



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Features

- **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.

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Features

- **Universal Program** pre-configured for hands-free operation in a variety of listening situations.
- Sophisticated **Adaptive Feedback Canceller** to remove the whistle and squeal of feedback.
- **Voice Alerts** to notify patient when the battery needs to be changed.

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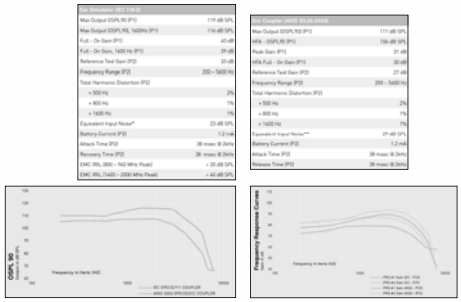
Specifications



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Programming Groove with the EXPRESS*fit* Fitting System

Groove is programmed with EXPRESS*fit* 6.4 and the EXPRESS*link* or NOAHlink programming interfaces.

Note: The HI-PRO interface is not recommended for programming Groove devices.

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Groove First Fit

- Suggested steps for a successful first fit:
  1. Use the 'paper crinkle test' to determine the correct **Fitting Level**
  2. Use the **Voice Manager** to address any issues the patient has with their own voice

Note: If you or your patient hears any whistle or squeal, use the **Feedback Manager** *before* making any other adjustments.

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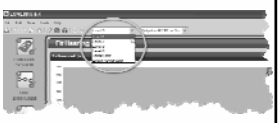
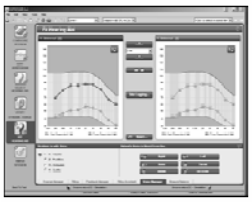
Setting the Fitting Level with the 'Paper Crinkle Test'

- Give the patient a sheet of paper.
- Ask them to crinkle the paper, then ask "When you crinkle the paper, does it sound like paper, plastic, or foil?"
  - If paper, increase one level
  - If plastic or foil, decrease one level



Using the Voice Manager

- Ask the patient if they are experiencing issues with **their own voice.**
  - For best results, work through the problems in the suggested order
  - Ask the patient to verbalize things like their address, "a-e-i-o-u," or phrases like "Baby Genie is teeny tiny."
  - Use the buttons on the right to apply the proper corrections



Live Demonstration: EXPRESS*fit* 6.4

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