

## **Sombra 8r - Key Features & Benefits**

### **Receiver In Canal (RIC) style**

This is the latest design and our most advanced RIC style hearing aid and is very discreet making it one of the smallest behind the ear aids available. It adapts to your environment for crystal clear sound quality and filters out background noise to focus on speech in any setting. Powerful and completely tailored to you, this hearing aid will transform the way you hear. The receiver (speaker) sits in the ear canal and allows the Sombra 8r to be very discrete and retain natural ear resonance.

### **Digital / Programmable**

Fully programmable hearing aid that is programmed to your hearing loss and preferences. It is tailored to you. Features 4 programs for different listening environments:

1. Everyday General Use
2. Background noise situations (restaurants etc)
3. Phone Use and talking in small group situations
4. Music and TV

### **Adaptive Directional Microphones**

Two microphones mean that when the relevant program is selected the aid detects the person speaking in front of the wearer and automatically configures the microphones to focus in the speakers direction, whilst reducing noise from other directions. This helps improve wearer comfort in noisy situations.

### **Hydrocoat**

This helps your hearing aids resist moisture, sweat, oil, and corrosion. Hydrocoat is an advanced micron-level sealant.

### **Volume/Memory Retention VMRTM**

Even when turned off the hearing aid will remember your volume and memory settings next time you turn on

### **Adaptive Feedback Shield**

This helps eliminate feedback and whistling. While all styles of instruments have limits to the amount of feedback they can cancel, this is maximised so it can “seek and destroy” feedback across a wide band of frequencies. Feedback-Shield utilises an adaptive phase canceller, which means if your surroundings change and the signal causing feedback changes, then the aid changes.

### **Tri-Mode Layered Noise Reduction**

Emphasise speech and improve clarity in challenging situations (noisy environment) and helps make listening natural and comfortable.

### **Dynamic Speech Enhancement (DSE)**

Designed to enhance speech understanding in difficult environments and enable you to listen to both a soft and loud voice during the same conversation. Sudden changes to signal levels are automatically adjusted for by the micro-processor. .

### **Program Prompts and Low Battery Indicator**

The Opa 300 signals you with tones or beeps for program changes and low battery warning.

### **Telecoil and Adaptive/Automatic Telecoil**

Built in Telecoil means you can connect to phones with Telecoil and anywhere there is a Hearing Loop system like movie theatres, churches, concert halls, universities, museums and airports etc. This allows your hearing aids to wirelessly stream the sound of a speaker's voice or the music directly into your ears – without any background noise  
Automatic Telecoil activates when a phone (with Telecoil) is picked up and placed on the ear.

### **Wind Noise Reduction Algorithm**

Using an advanced algorithm this helps reduce wind noise.

