

HOW A HEARING AID WORKS

A hearing aid is a highly technological device that empowers you to hear better and live your best life. You'll find 6 basic components: a microphone, a digital chip, an amplifier, a receiver, a rocker switch and a battery. This highly sophisticated communication device is programmed by your hearing care professional to meet your specific needs.



MICROPHONE

Sound enters through the directional microphone system. The directional microphones focus on conversations and improve speech understanding in the presence of noise.



DIGITAL CHIP

The digital chip, also known as "the brain" of a hearing aid, analyses and converts sound to deliver the optimal high definition digital sound quality. This part reduces unwanted background noise and cancels feedback.



ROCKER SWITCH

The rocker switch controls a hearing aid's settings. It can be used to adjust volume, change programs or change the span of the directional focus. The hearing aid can work completely automatically, without the need for any controls, or the programmable switch can be utilised.



AMPLIFIER

The built-in amplifier analyses and boosts the sound from the digital signal processor. This is where the sounds of music, or speech, get an extra boost in order to give a more natural listening experience.



BATTERY COMPARTMENT

A hearing aid is powered by a zinc-air battery. The battery door acts as an on/off switch for the hearing aid.



RECEIVER

The receiver (or speaker) sends sound through the receiver wire to the ear. The adjustable ear piece is fully customisable to fit comfortably in the ear canal.

