



Sound Beginnings

Illinois Newborn Hearing Program



Hearing Aids and Cochlear Implants

Microphone: picks up sound waves from the air and transform them into electrical signals

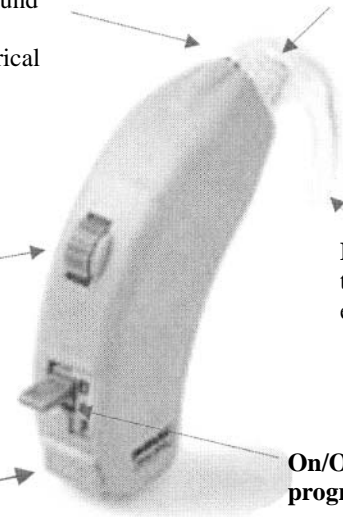
Receiver: sends the amplified sounds into your ear.

Volume Control

Earhook: connects the hearing aid to the earmold

Battery Door

On/Off switch / program switch



Hearing aids are an electronic device that amplifies sound at different levels for different pitches. A hearing aid consists of a microphone, amplifier and receiver.

1. **Microphone** – an electronic device that picks up sound (an acoustical signal) and changes it to an electrical signal in the hearing aid
2. There are several types of microphones which can be used in hearing aids. Some microphones can assist with listening in background noise. Ask an audiologist for more information.
3. **Amplifier** – an electrical device that makes the sound which was changed into an electrical signal larger (creating a louder signal)
4. **Receiver** – an electronic device that changes the electrical signal back to sound (an acoustical signal)

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