

Hearing Loss and Successful Solutions

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Hearing Solutions

Telephone Options

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- **Amplified Telephones (Corded or wireless phones):**
 - Increase the incoming sound between 20 and 50 dB of amplification, depending on the listener's hearing loss severity.
- **Voice Carry Over (VCO) and/or Teletypewriter (TTY) Telephones**
- **Call Captioning**
 - Service with live captioning
- **Telephone amplifiers**
- **Cost: \$30 - \$500 for device, Caption Call is FREE**

Telephone Options

Devices for hearing better on the telephone



Amplified Telephone



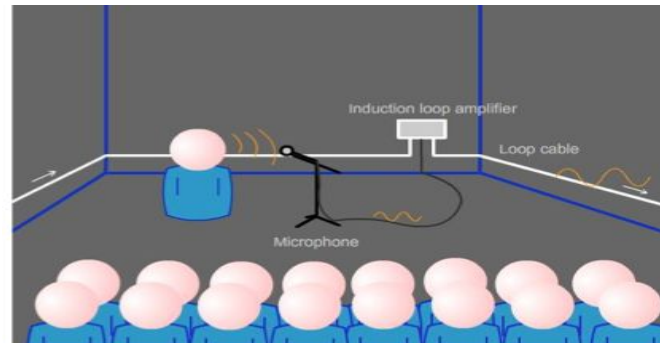
“Caption Call” Telephone
(a **FREE** device!)

Loops or Telecoils

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- **How it works:**
 - A copper wire is looped around an area creating an electromagnetic signal which the telecoil in a hearing aid or neck loop can pick up and direct to your ears. The sound is caught by a microphone and arrives directly at your ears
- **Room Loop** - Anyone within the room can benefit
 - Can be found at museums, theaters, taxis
- **Portable Loop** - Perfect for areas that are not looped. People within 3-4 feet of the loop will hear clearly.
- **TV Loop:** Sound can also be sourced from a TV
- **Cost:** \$270-\$350



Personal Wireless Systems

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- A microphone, connected to a transmitter, is placed on a table or on lavalier microphone.
- Sound signal is picked up from the source and transmitted wirelessly to the listener via radio waves.
 - Can be FM or 2.4GHz (preferred for work environment)
- A receiver worn by the listener amplifies and transmits the sound to your ears through hearing aids
- Cost: \$1,200.



Pocket Talker

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TRAVEL

- A portable, single unit amplifier that can be wired or wireless
- Uses a microphone to pick up speech from a speaker, amplifier to amplify the speech signal, and a pair of headphones to listen to the speech.
- Ideal for one-on-one conversations or for TV/Music listening



Personal Sound Amplification Devices

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TRAVEL

- Can be used any time you need a small amount of amplification - like “readers” for your ears
- Quality of these devices is very important
 - The good ones enhance soft sounds rather loud sounds
- Some have a Telecoil or Bluetooth and will pair with your cell phone



Etymotic Bean



CS50+



ClarityChat PSAP

Wireless Headsets

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- Ideal for watching TV or listening to music
- Can also be used in large settings like theaters
- Wireless headsets with receives information from a microphone that goes near the TV
- Requires that the listener is positioned near the receiver
- Some come with balance control and surround sound
- Cost: \$130-\$330



Television Options

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- Wireless headsets
- Personal speakers
 - Serene TV Soundbox (portable, rechargeable)
 - Audiofox TV Speakers (for those listeners who always sit in the same seat)
- TV Sound Bars
 - Amplifies sound for the whole room
- Cost: ranges



Serene TV Soundbox



Audiofox TV Speakers



Sonos SoundBar

Alerts



ALERTS

- Vibrating alarm clocks, doorbell signalers, and fire alarm signalers
- Devices assist individuals in performing daily tasks
- Alarm clocks can come with accessories that shake a user's bed when the alarm is triggered
- The doorbell and fire alarm signalers will vibrate and flash a strobe light when they are activated
- Cost: \$50-\$400

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Roger

Roger microphones



Roger Select



**Roger Pen/Roger
EasyPen**



Roger Table Mic II



Roger Clip-On Mic

Roger receivers



Roger design-integrated



Roger X



Roger MyLink

Perspective of an Older Adult with Hearing Loss

"When you are hard of hearing you struggle to hear.

When you struggle to hear you get tired.

When you get tired you get frustrated

When you get frustrated you get bored

When you get bored you quit"

"I didn't quit today"