

Assistive Technology



Deaf Children
Australia

Assistive Technology

There may be certain situations where an assistive listening device or technology may help you. As technology is changing, an audiologist will be able to find the best fit and most current devices. You may be able to use NDIS funding to purchase these devices. MUFSBUJWFMPZVNBZUCFCBMFUPVTFFPSNBHIFBSSBETCVU DPVMECFEGWJGSPNBESTPBMBNMGFS

At school

4PNFTDIPPMTNBZMSFBEBWUFUDIEPMPHZUBMMFEODIFDMBTTSPPNGPSZVSDIMENBSZDFWVFBFWDFUP VTFODIFDMBTTSPPN4PNFUFDIEPMPHZIMBNGZIFTPVEBTPNFPGUIFUFDIEPMPHZIMBMMXPVEUP CFESFDUFEUPUIFDIMEHTIFBSBBIUPSFEVDUIFNBDUPGCBDLHSPVEPTFBENBLFWFBTFSUP VEFSTUBETEFDI

BNPUFNDSPEUFDIEPMPHZ PVSDIMENBSZDFWVFBGSRVFDZPEVMBUFE:EFWDF:60 UPVTF BUTDIPP8WUIJTEFWDFUIFBDIFSXBSTBNDSPDEBEUJIFTPVEJSBONWT ESFDUMZPBUSBONWUFS TPNFUNFTDBMMFEBTIPFDITBUUBDIFEUPUIFIFBSBBI PSDPDIMFBSNBO TTPVEJUSBONWUFE ESFDUMZIFNBDUPGCBDLHSPVEPTFJSFEVDFEBEUJIFTPVEWPMVNFJNPSFDPTUFO It is a good idea to be familiar with the system so you can explain it to the child's teacher.

5IFSBSFTNMBSEFWDFTBWBMBCMFUIBUESGPSNUIFTBNFGVDUPBEZVSBEVPMPHZUBETDVTUICFTU POPTXIZV

4PVEGFMEBNGDBUPCZUFN4PNFTDIPPMTNBZWFBTPEGFMEBNGDBUPCZUFN4UBMMFEODIF DMBTTSPPN5IFUFBDFISXBSTBNDSPDEBETPVEJTBNGJFEUISPVHIBMPVETEBLFSODIFDMBTTSPPN 5ITBMMMPXUIFUFBDFISTWPDUFUPCFSBTJFEBCPWUIFCBDLHSPVEPTFBOTCFBETWFWFMBDSPTTUIF DMBTTSPPN

QFSBDUJWFJFCPSET 4PNFTDIPPMTNBZWFDFSDUJWFJFCPSETUIBUDBEFMWFSWJVBMSFTPVSDFT BEBPFIFDBOPDUPUIFDMBTTSPPN

8OP8IFWFSBWJFPJTIPDIFDMBTTSPPNBLUIFUFBDFISUPQUPCUCUMFTPSZVDBBMT PDEUSFNPUFNDSPECHTUPUIFUFMFWTPO

1SPSUPZVSDIMETUBSUOTDIPPMTJTBHPPEJFBUPTBLXUIIFTDIPPMUPEFWFMPBBOIBUCFTUTVWT ZVSDIMEHTEFET

)PNF

PSCFMM :PVDBOTFBFWDFGMBTIFTUFBEPGSSBUPMFUZVLEXPNFPEIBTBSSWFE MBSNDMPDL4PNFBMBSNDMPDLTDBVCSBUFBEPGMBTIUPIFMZLFVVO 4NPLFEFUDUPS:PVDBZSDIBTFTNPLFEFUDUPSTUIBUGMBTIMHIU

Entertainment

Television: There are different devices that can help you hear the television without having to turn up the volume. This may include a device that you plug into the TV and connects to your hearing aid or headphones to bring sound directly to the hearing aid. If your child has a remote

Music: With the change in technology, there are more options to help you listen to music. This can include; specialised headphones or earphones to help you listen to music, a Bluetooth device or a 'shoe' that plugs onto the hearing aid to connect your phone to your hearing aids. The sound is easier to hear as it is transmitted directly to your ears. When wearing headphones, a good tip is to ensure that they cover the top of your hearing aid where your microphone is. This way the sound will be louder. Trying on headphones is also a good idea as the cups need to be big enough to cover your microphone on the hearing aid and not cause it to whistle.

Public places

Train station/public places: At train stations or in some public places, you can use the Telecoil (T-switch) Loop system.

Communication

Mobile phone: Some options to hear better on the mobile include: using the speaker option, using Bluetooth to connect to your hearing aids (directly or via a device). As technology changes it is a good idea to check what accessibility functions your phone has or what applications are available to assist with hearing.

Iphone has accessibility settings, which includes Live Listen to help you listen to conversations more clearly. You can also change audio volumes for each ear.

Google has developed applications that assist with increasing accessibility of Android devices for deaf and hard of hearing. Through Google Play you can download an app called Live translate which will translate what is being said in real time. You can also download Sound Amplifier which amplifies quiet sounds without increasing loud sounds. You do need to plug in headphones to access the app.

Landline phone: You can get phones that are designed for deaf and hard of hearing people. You can use the speaker option; or you may be able to use a phone that has captions.

Skype: You can now Skype with live captions and subtitles during an audio or video call.

Websites:

School years – Australia Hearing Services website on devices to use in the classroom

<https://www.hearing.com.au/About-hearing/Hearing-in-babies-children/School-years>

TV/ Music – Australia Hearing Services website on devices to use to help listen to the TV or music

<https://www.hearing.com.au/Hearing-products/Entertainment,-TV-music>

Technology at home and school - National Deaf Children's Society

UK website that extensively covers various technologies available for children at home

http://www.ndcs.org.uk/family_support/technology_and_products/index.html

Information about Telecoils and Hearing loops

http://www.hearingservices.gov.au/wps/portal/hso/site/eligibility/abouthearing/telecoils_hearing_loops/

Iphone accessibility functions:

<https://www.apple.com/au/accessibility/iphone/>

Google apps for android devices:

<https://www.blog.google/outreach-initiatives/accessibility/making-audio-more-accessible-two-new-apps/>

Skype

<https://support.skype.com/en/faq/FA34877/how-do-i-turn-live-captions-subtitles-on-during-a-skype-call>

For further information about Deaf Children Australia.

Visit: **www.deafchildrenaustralia.org.au**

Phone Helpline: 1800 645 916 Email helpline@deafchildren.org.au

Facebook: www.facebook.com/DeafChildrenAustralia

Deaf Children Australia uses the term 'deaf' to refer to all degrees and types of hearing loss.

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