

Wearables for Transition



What We'll Cover...

- What is "Wearable Assistive Technology"
- Why Wearables?
- Types of Wearables
- Examples

What are Wearables?

Wearables are simply any Assistive Technology device a person with a disability wears on his or her body, as opposed to a device the person carries (communication device), sits at (computer with text to speech), drives (accessible vehicle) or uses without putting it on. Many of them connect with smart phones for handsfree phone use, making phones more accessible.



Why Wearables?

It is estimated anywhere from 15% to 30% of Assistive Technology is “abandoned” by the user. There are many factors as to why a person with a disability uses or doesn’t use his or her AT and often the reasons are very personal.

Sometimes the AT is not easy to use or it’s not comfortable for the person using it. And sometimes the person just doesn’t want to use a device that makes him or her appear to be “different.”



Why Wearables?

- Many wearable devices are the same as people without disabilities are using so they are more readily available.
- Some may be more comfortable because they are smaller and more easily transportable.
- Some may just be easier to access when they are worn, as opposed to something that has to be carried.



Types of Wearables

- Watches
- Hearing aids
- Proximity Alerts
- Rings
- Clothing
- Shoes & socks



What Can You Do with Wearables

- Navigation, wayfinding & mobility support
- Visual support
- Audio support
- Communication
- Time management



Lechal Smart Tracking Insoles

- Navigate hands-free without looking at a phone
- Get detailed route guidance through simple vibrations and patterns
- \$69.99 on Amazon



GPS SmartSole

- Wearable Hidden Tracking
- Free Tracking App Included (Apple & Android compatible) with Text and Email Geozone Alerts Functions
- Good for young adults & teens with Autism or Traumatic Brain Injury (TBI), seniors with Alzheimer's/Dementia, or anyone who could potentially wander off and require oversight
- \$329.00 on Amazon



PocketFinder+

- Wearable GPS Tracker with SOS Button
- See tracker location, direction, heading & 60 day history on smartphone app or web browser
- Set up zones for home, neighborhood or city
- Alerts sent via email, SMS and push notification when tracker enters, or exits a zone, low battery or SOS button press
- Regularly locate at set intervals when moving
- \$159.00 on Amazon, plus \$12.95 monthly fee



TalkTrac

- Wearable communication device
- 2 levels of communication
- 4 messages per level
- 80 seconds total record time
- 2 volume level
- \$145.00 through ablenetinc.com



Orcam MyEye2

- For blind and visually impaired
- Reads printed or digital text
- Face recognition
- Money identification
- Product identification
- Color detection
- \$4500.00



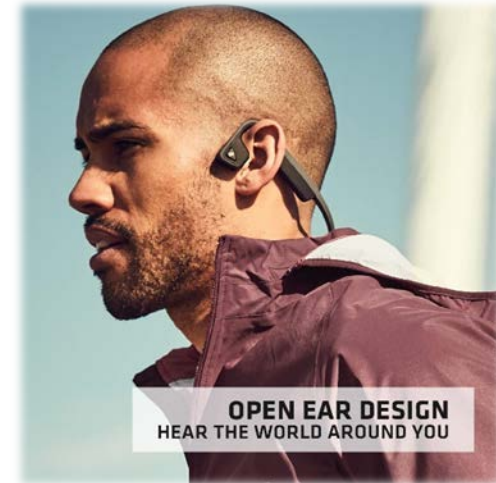
IrisVision

- Low vision aid
- Good for people with Macular Degeneration, Retinitis Pigmentosa, and Glaucoma
- Handsfree & portable
- 70 degree field of view
- Can be used indoors and out
- Black & white mode for reading text
- TV mode
- \$2,500.00 from irisvision.com



AfterShockz

- Bone conducting headphones
- Noise cancelling
- Wired & wireless versions
- Don't cover ears, so can still hear ambient sound
- \$49.95 to \$149.95 on Amazon



Ditto

- Vibrating notification device for people with hearing loss
- Notifies you to incoming calls, texts, emails, & calendar updates.
- Silent alarm that wakes you and not your partner.
- Virtual tether reminds you if you've gotten too far from your phone.
- Clip it on or use included wristband
- \$43.00 on Amazon



Blinqring

- Phone call text & email alerts through a ring
- Built-in S.O.S system with GPS location to notify friends & family in an emergency
- Works with several apps to receive notifications (ex: Uber is nearby)
- Fitness tracking
- \$149 to \$199 on blinqblinq.com



RE-vibe

- Vibration reminder wristband
- Distraction-free design: no screens, buttons or sounds
- Gentle, strategically timed vibrations remind students to ask themselves, "Am I doing what I am supposed to be doing?"
- \$99.95 on Amazon



Chronos

- Smart disk attaches to back of current watch
- Chronos adds:
 - Fitness Tracking
 - Music Control
 - Notification Alerts
 - Tap to Find Your Phone
- \$99.99 on wearchronos.com



Time Timer Watch PLUS

- Visual timer
- Two Time Timer Modes (Original and Custom)
- Repeatable time segments (great for intervals!)
- Vibrating and audible alerts
- 12- or 24-hour clock
- Alarm
- Good for tracking routines
- \$70.00 on Amazon



Dot Watch

- Braille smart watch
- Dynamic braille display
- Vibrating alerts for calls and messages
- Stopwatch function
- Check the weather
- Phone locator
- \$398.90 on Amazon



iWatch

- Haptic vibration for notifications
- Built-in accessibility features
 - VoiceOver
 - Zoom
 - Grayscale
 - Mono audio
- Built-in apps
 - Timers
 - Alarms
 - Calendars
 - Reminders



iWatch



- Cheatsheet app – create list of quick notes to help remember things like passwords, room numbers, class times, where the car is parked, instructions for work, or anything you need reminded of. Free with in-app purchase.



- Just Press Record – one tap or voice activated audio recording, unlimited recording time, recordings automatically transfer to iPhone for transcription and iCloud syncing, works with VoiceOver. \$4.99

iWatch



- Round Health – medication reminder, nagging feature, allows for complex scheduling of doses and schedules, refill reminder, simple user interface, tracks usage so you can see if someone has missed a dose. Free



- Proloquo2Go – communication app adapted for watch, build and speak simple sentences or select short phrases, use it as a switch for scanning in Proloquo2Go on iPhone. \$249.99

Thank You!

Please be sure to fill out your evaluation.