# Accessible Cell Phones

## Friday, September 16, 2022

## Steve Kelley

## owvisiontech.com

[www.lowvisiontech.com/phones](https://www.lowvisiontech.com/phones)

# I**ntro**

### “Hello. What’s the best phone for someone who’s blind?”

### “It depends.”

### ~~There’s an app for that~~  Not always!

# **Assessment**

## What will clients be using the phone for?

## Where will they use it? At home? Traveling? Primary phone?

## What tech do they already use?

## Budget?

## Which networks are best where they live/travel?

# **Phone Networks**

## GSM and CDMA

## GSM: AT&T, T-Mobile, Mint, Cricket, etc.

## CDMA: Verizon, Sprint and US Cellular

# **4G vs 5G**

## • Wireless Generation technology

## • 5G new and not available in most places

# **Phones**

## **Flip Phones**

## **Specialty Phones**

## **Smartphones**

## **Flip Phones**

### Easy to Use

### Tactile number pad

### Inexpensive

### Less accessible

### Often hard to find in retail store

# **Alcatel Go Flip**

## [Alcatel Go Flip V](https://us.alcatelmobile.com/alcatel-goflip-v/)

## [Alcatel Smart Flip](file:///C%3A%5CUsers%5CStevenK%5COneDrive%20-%20Hadley%20Institute%5CDocuments%5Coib-tac%5C%E2%80%A2%09https%3A%5Cus.alcatelmobile.com%5Calcatel-smartflip-att%5C)

## On [Amazon](https://www.amazon.com/Alcatel-SMARTFLIP-4052R-Flip-Phone-Bluetooth/dp/B088MKVYTF/ref%3Dsr_1_8?crid=2UVK737U64B4T&keywords=alcatel+smart+flip&qid=1662830653&sprefix=alcatel+smart+flip%2Caps%2C97&sr=8-8) under $110

## Text-to-speech is called *Readout* and must be turned on in Settings

## Alcatel Support: 1-855-368-0829

# **AT&T Cingular Flip IV**

## [AT&T Cingular Flip IV Phone](https://www.att.com/device-support/article/wireless/KM1387286/ATT/EmblemU102AA) made by Tinno

## [AT&T Cingular Flip IV Phone on Amazon](https://www.amazon.com/AT-Prepaid-Cingular-SmartFlip-U102AA/dp/B09V5S7ZNP/ref%3Dsr_1_3?crid=1IHN2UM40DAYT&keywords=Cingular+Flip+IV&qid=1662843734&sprefix=cingular+flip+iv%2Caps%2C82&sr=8-3) for $50

## AT&T Accessibility Support 866.241.6568

###

# **Kyocera**

## DuraXV Extreme on Verizon

## DuraXA Equip on UScellular

## DuraXE Epic on AT&T

## On [Amazon](https://www.amazon.com/s?k=kyocera+durax&crid=36CUDV6OWFOXD&sprefix=kyocera+durax%2Caps%2C128&ref=nb_sb_noss_2) $200-$280

## Kyocera Flip support 1-800-349-4478

# **Specialty Phones**

# **Jitterbug Flip2**

## [Jitterbug Flip 2](Jitterbug%20Flip%202) by Lively

## Walgreens, Rite-Aid; Best Buy, or call 800 number $99

## Support: 800-650-5918 (excellent phone support)

## Alexa is on the phone after setup to make a voice call

## No text-to-speech on the menu

## Not accessible out of the box

## LYFT rides service

## \*\*\***VIP customers with doc’s note can get 24/7 operator assist at no cost**

### Make calls

### Add contacts

# **MiniVision 2**

## [RAZ Mobility MiniVision2](https://www.razmobility.com/solutions/minivision2/)

## Contact: 800-729-0083

## GSM network only

## $329 from RAZ Mobility website

## Great tutorials on the website

## [AFB AccessWorld review](https://www.razmobility.com/solutions/minivision2/)

## Limited apps: money ID, where am I, notes, voice recorder

## Can voice operate with very specific commands

## Text-to-speech when started

## LV features

# Blindshell Classic 2

## [Blindshell website](https://www.blindshell.com/)

## Classic 2 $489

## [AccessWorld Review, Classic 2](https://afb.org/aw/23/4/17918)

## [Blind Life YouTube Review](https://youtu.be/5r9V_UsJ6ng) Classic 2

## Blindshell Classic $349 (less apps; lower quality camera)

## [AccessWorld Review, Classic](https://www.afb.org/aw/21/2/16910)

## [Blind Life YouTube Review](https://youtu.be/5YGW1eXMLcQ) Classic

## Support mailto:info@Blindshell.com or call one of the retail partners like AT Guys (269) 216-4798

# Blindshell Classic 2

## Smartphone with buttons

## Apps including Aira, Alexa, and dozens more

## Internet Radio (Radio Reading Stations)

## App Catalog (not connected to Google Play)

## LV settings

## Test-to-Speech out of the box

## T-Mobile Network (GSM)

## Support Tutorials and User Guide on website

# RealSAM Pocket

## [RealSAM US Website](https://realsam.us/)

## Voice Operated Android phone

## Unlocked (both GSM and CMDA)

## Contact (301) 547 7230

## New to US, several years in UK with RNIB

## Upcoming review in AccessWorld

## Limited Apps

### Be My Eyes

### Where Am I

### Books and Podcasts

### Voice operated calling, contacts, messages

### Basic video magnifier with OCR

### Some gesture required e.g. Wi-Fi setup

# **Smartphones**

# **Apple iPhone**

## [iPhone website](https://www.apple.com/iphone/)

## iPhone SE $429

### smaller display

### Home button

## iPhone 14 Pro $999

## [Apple Refurbished](https://www.apple.com/shop/refurbished/iphone)

## [Apple Accessibility](https://www.apple.com/accessibility/) 877-204-3930

## VoiceOver text-to-speech

## Zoom magnification and other LV features

## Training

### [Hadley iPhone/iPad Low Vision](https://hadley.edu/workshops/iphone-ipad-low-vision-features-series) Features Series

### [Hadley Listen with VoiceOver Series](https://hadley.edu/workshops/listen-with-voiceover-series)

### [iOS Access for All](https://www.iosaccessbook.com/about-the-ios-book/)v by Shelley Brisbin $25

### Michael Feir, [Personal Power iOS Edition](http://michaelfeir.blogspot.com/2022/04/the-second-edition-of-personal-power.html) download

# **Android Phones**

## Smartphones using the Google Android operating system

## [Google Pixel](https://store.google.com/category/phones?pli=1&hl=en-US) and Samsung Galaxy “standard”

### Most predictable Accessibility settings

## Pixel $450 - $900

## Samsung [Galaxy S20-S22](https://www.samsung.com/us/smartphones/galaxy-s22-ultra/buy/galaxy-s22-ultra-128gb-unlocked-sm-s908uzwaxaa/) $1000-$1400

## Cheaper models starting at $150

## **All other Android phone may have different features**

## TalkBack text-to-speech

## Magnification and other LV features

## [Google Accessibility](https://support.google.com/accessibility/answer/7641084?co=GENIE.Platform%3DAndroid&hl=en)

### Be My Eyes app (free)

### [Request a call from Google Accessibility Support](https://hadley0-my.sharepoint.com/personal/stevenk_hadley_edu/Documents/Documents/oib-tac/Request%20a%20call%20from%20Google%20Accessibility%20Support)

#### You can request a call to a client from this form

### mailto:disability-support@google.com

### [Blind Android User’s Team](https://blindandroidusers.com/)

##

## Training

### Hadley: [Listen with TalkBack Series](https://hadley.edu/workshops/listen-with-talkback-series)

### Hadley: [Android Low Vision Features Series](https://hadley.edu/workshops/android-low-vision-features-series)

# **Discussion and Questions**