



Mobile Manufacturers  
Forum



ANCOM Conference: “Knowledge is Power:  
Information Tools for Telekom Consumer”

JW Marriot Bucharest Grand Hotel

27 May 2014

# GLOBAL ACCESSIBILITY REPORTING INITIATIVE

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Mobile Manufacturers Forum

# About MMF

## **International association of radio equipment manufacturers:**

- 80% of global handset sales
- majority of global network infrastructure

## **Association's focus:**

- health & safety, accessibility, anti-counterfeit

## **Key areas of activity:**

- research & standards
- regulatory harmonisation
- public communications

# MMF Members

- Alcatel Mobile Phones
- Apple
- Cisco
- Ericsson
- Intel
- LG
- Microsoft
- Motorola Mobility
- Motorola Solutions
- Nokia
- Samsung
- Sony

# The GARI Project

- **Global Accessibility Reporting Initiative**
- a **comprehensive database** for accessibility information:
  - mobile phones
  - tablets
  - apps
- consumers can **find appropriate devices** to meet their needs
- **rise awareness** for accessibility features
- models released after 1 October 2008

# The GARI Template

- **Australian, European and US** requirements
- **more than 100** accessibility criteria
- one of the **most comprehensive** guides
- **annual review**
- **reporting tool** (US FCC Clearinghouse, AUS)

# GARI as Reporting Tool

## United States:

- FCC: **GARI is used for accessibility clearing house** (<http://www.fcc.gov/document/cvaa-report-congress>)
- Section 255 reports compiled via GARI
- Extension considered: issuing CVAA reports

## Australia:

- **GARI reports formally accepted** to demonstrate compliance with accessibility requirements
- companies **not participating in GARI** have to issue a **separate report** according to Code 625 ([http://www.acma.gov.au/WEB/STANDARD..PC/pc=PC\\_100841](http://www.acma.gov.au/WEB/STANDARD..PC/pc=PC_100841))

# Who uses GARI so far?

1. A: FMK (<http://www.fmk.at/Handy/Handy-Suche>)
2. A: RTR Austrian regulator  
(<https://www.rtr.at/en/tk/Konsumentenberatung>)
3. AUS: AMTA (<http://www.amta.org.au/pages/GARI.Database>)
4. CAN: CWTA (<http://wirelessaccessibility.ca/>)
5. DEN: ERST (<http://erhvervsstyrelsen.dk/forbrugere-med-saerlige-behov>)
6. FR: FFT (<http://www.fftelecoms.org/articles/la-base-gari-la-reference-sur-laccessibilite-des-appareils-mobiles>)
7. GER: IZMF (<http://www.izmf.de/de/node/100342>)
8. MY: CFM ([www.consumerinfo.my](http://www.consumerinfo.my))
9. PT: ANACOM (<http://www.anacom.pt/render.jsp?categoryId=347088>)
10. USA: CTIA (<http://www.accesswireless.org/Home.aspx>)
11. USA: FCC (<http://www.fcc.gov/AccessibilityClearinghouse>)

# Participate in GARI

## **Accessible app developers:**

- register for free
- submit accessible apps for free
- displayed in conjunction with devices

## **Manufacturers:**

- at no cost for MMF members
- also open to non-members
- display of accessible models
- MMF's accessibility working group

## **Organizations:**

- Embed link to GARI on your website
- Present all GARI information (iframe)
- Design your own page using GARI info (XML file)





Find Accessible Devices & Apps

Learn about Mobile Accessibility

We help consumers to find a device with the accessibility features that work best for them

### What do you want to find?



#### Phones

Narrow down and compare options from different manufacturers.



#### Tablets

Compare the accessibility features you need.



#### Mobile Apps

Which devices support the accessibility apps you love?

## Find Accessible Devices and Apps: Phones & Tablets



### Find Phones & Tablets

Compare features from different manufacturers.



### Find Mobile Apps

Which devices support the accessibility apps you love?

### Best devices for.....

- Dexterity
- Vision
- Hearing/Speech
- Cognition

Phones  Tablets

Region:

1

Let's see some devices

### Phone / Tablet Lookup

Already know what you're after?  
Find phones in the database.

Region:

Manufacturer

Model

OR

2

Lookup Devices

### Advanced Feature Search

Let us help you find the right phone for your needs.  
Select on a feature-by-feature basis

3

Start advanced search

Screenshot [www.gari.info](http://www.gari.info)

#### FOR DEVELOPERS

Submit your app  
Download the GARI database  
Building accessible applications

#### FOR MANUFACTURERS

Submit your phones

#### FOR GOVERNMENT

Mobile accessibility policy  
Examples of GARI in use

#### SEARCH

Phones  
Tablets  
Apps

#### EDUCATION

Hearing  
Vision  
Speech  
Dexterity

Home > Find Accessible Devices and Apps: Phones & Tablets > Phone/Tablet Search Results

## Phone/Tablet Search Results



**Find Phones & Tablets**  
Compare features from different manufacturers.



**Find Mobile Apps**  
Which devices support the accessibility apps you love?

166 Results (Region: Europe)

[Modify Search Criteria](#)

Choose up to three devices to compare their features

[Page1](#) | [Page2](#) | [Page3](#) | [Page4](#) | [Page5](#) | [Page6](#) | [Page7](#) | [Page8](#) | [Page9](#)



View Details: **Samsung GT-S5280(Galaxy Star)**

Compare  
77% Match



View Details: **Samsung GT-S5283B(Galaxy Star)**

Compare  
77% Match



View Details: **Nokia Lumia 1020**

Compare  
77% Match



Home > Find Accessible Devices and Apps: Phones & Tablets > MOBILE HANDSET/DEVICE COMPARISON

## MOBILE HANDSET/DEVICE COMPARISON



### Find Phones & Tablets

Compare features from different manufacturers.



### Find Mobile Apps

Which devices support the accessibility apps you love?

[Back to search results](#) [Print friendly page](#)

## Device Comparison

### Compare Devices

See how the devices you picked stack up against each other...



#### HARDWARE INFORMATION

	Samsung GT-S5280(Galaxy Star)	Nokia Lumia 1020	LG Optimus G(LG-E975)
Handset weight	<b>103 Grams</b>	<b>158 Grams</b>	<b>Information Not Available</b>
Standby Time / Talk Time	<b>13.3 Days 14 Hrs</b>	<b>16 Days 19 Hrs</b>	<b>Information Not Available</b>
Headset - plug connected	<b>Yes</b>	<b>Yes</b>	<b>Yes</b>
Headset - plug type	<b>3.5mm</b>	<b>3.5mm</b>	<b>3.5pi</b>
Touch Screen	<b>Yes</b>	<b>Yes</b>	<b>Yes</b>
Touch Screen - Heat Activated	<b>Yes</b>	<b>Yes</b>	<b>Yes</b>
Easy Battery Placement	<b>Yes</b>	<b>No</b>	<b>No</b>
Easy to Press Keys	<b>Yes</b>	<b>Yes</b>	<b>Yes</b>
Key Identification	<b>Yes</b>	<b>Yes</b>	<b>Yes</b>
Key Identification - Discernment	<b>(1) being physically separate .</b>	<b>1 .</b>	<b>Information Not Available</b>





Find Accessible Devices & Apps

Learn about Mobile Accessibility

Home > Find Accessible Devices and Apps: Mobile Apps

## Find Accessible Devices and Apps: Mobile Apps

 **Find Phones & Tablets**  
Compare features from different manufacturers.

 **Find Mobile Apps**  
Which devices support the accessibility apps you love?

**Find apps for...**

<input type="checkbox"/> Dexterity	<input type="checkbox"/> Apple
<input checked="" type="checkbox"/> Vision	<input type="checkbox"/> Android
<input type="checkbox"/> Hearing/Speech	<input type="checkbox"/> Other
<input type="checkbox"/> Cognition	

**1.** [Let's see some apps](#)

[Or browse all apps](#)

**App Lookup**

Already know what you're looking for?

**or**

**2.** [Lookup Apps](#)

**Are you a developer?**

Send us the details of your accessibility-related mobile app and we'll add it to our database!

**3.** [Submit App](#)

Screenshot www.gari.info

Home > Find Accessible Devices and Apps: Mobile Apps > Mobile App Search Results

### Mobile App Search Results

**Find Phones & Tablets**  
Compare features from different manufacturers.

**Find Mobile Apps**  
Which devices support the accessibility apps you love?

35 apps found

Page1 | Page2 | Page3 | Page4 | Page5 | Page6 | Page7 | Page8 | Page9

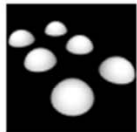


#### BIG Launcher

[View Details >>](#)

**Available on:** Android 2.1 and up  
**Supports:** Dexterity, Vision

A fast and simple Android interface for seniors and people with vision problems. Or even you, if you hate millions of icons. BIG Launcher makes the smartphone suitable for seniors, children, and....



#### BrailleTouch

[View Details >>](#)

**Available on:** iOS 5 and up  
**Supports:** Vision

Looking for a faster and easier way to type on your iPhone or iPod touch? BrailleTouch is a revolutionary app for the blind community that lets you type on your touchscreen using braille. Many people....



#### Capti Narrator

[View Details >>](#)

**Available on:** iOS7 and up  
**Supports:** Vision

#### Search Again

Search

#### Filter Results

##### Apps for

- Dexterity
- Vision
- Hearing/Speech
- Cognition

##### Available on

- +  Alcatel OneTouch Proprietary
- +  Android
- +  Bada OS
- +  BlackBerry
- +  iOS
- +  LG Proprietary
- +  Linux
- +  Motorola Proprietary
- +  Nokia Proprietary
- +  PlayBook OS
- +  Samsung Proprietary OS
- +  Symbian

Find Accessible Devices &amp; Apps

Learn about Mobile Accessibility

Home &gt; Find Accessible Devices and Apps: Mobile Apps &gt; BrailleTouch by BrailleTech, LLC

## BrailleTouch by BrailleTech, LLC



## Find Phones &amp; Tablets

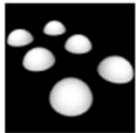
Compare features from different manufacturers.



## Find Mobile Apps

Which devices support the accessibility apps you love?

## BrailleTouch by BrailleTech, LLC

[Back to search results](#) [Print friendly page](#)

## App Details

<b>Available on</b>	iOS 5 and up
<b>App Website</b>	<a href="http://brailletouchapp.com/">http://brailletouchapp.com/</a>
<b>Developer</b>	BrailleTech, LLC
<b>Available on iTunes App Store</b>	<a href="#">See it</a>
<b>Compatible Devices</b>	<a href="#">See Compatible Phones</a> <a href="#">See Compatible Tablets</a>

## Description

Looking for a faster and easier way to type on your iPhone or iPod touch? BrailleTouch is a revolutionary app for the blind community that lets you type on your touchscreen using braille. Many people have reported typing at 30 words per minute or faster with accuracy. We offer a free download of BrailleTouch so you can try it at no cost. You can enter braille on the touchscreen and hear each character and/or word as you type. The free version is also a great teaching tool for braille instructors and students. The real power of BrailleTouch is in the full version, available as an In-App Purchase. After upgrading, you can send text messages, tweets, and emails from the touchscreen braille keyboard. You can also copy text that you enter using braille and paste it into any other app on your iPhone. BrailleTouch features a unique split keyboard design that is based on the layout of the braille cell and the dimensions of the iPhone screen, rather than the traditional straight line six-key keyboard as found on the Perkins Brailier. You can find a full User Guide and FAQ at BrailleTouchApp.com.

# Annual Reviews

The image shows the cover of a document titled "2013 Review of the GARI Database". At the top center is the MMF logo (a green oval with "MMF" in white) and the text "Mobile Manufacturers Forum" below it. A prominent yellow diagonal banner with blue text reads "Next review: End of this year". Below the banner, the title "2013 Review of the GARI Database" is displayed in a large, bold, black font. Underneath the title is a subtitle: "Invitation to submit comments or suggested changes to the Global Accessibility Reporting Initiative (GARI) Database". At the bottom of the page, the date "4 November 2013" is printed.

**MMF**  
**Mobile Manufacturers  
Forum**

**Next review: End of this year**

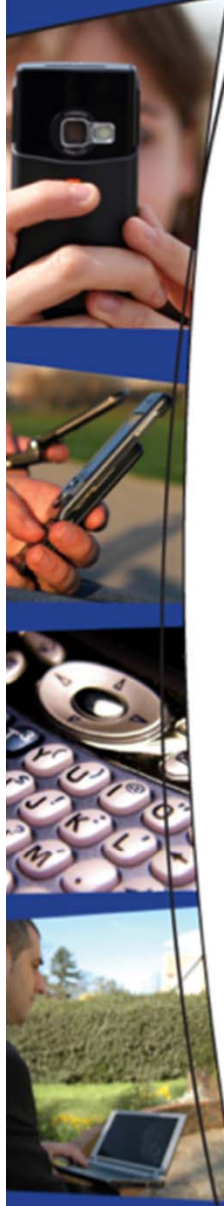
**2013 Review of the GARI Database**

Invitation to submit comments or suggested changes to the  
Global Accessibility Reporting Initiative (GARI) Database

4 November 2013

<http://www.mmfai.info/public/docs/eng/MMF%5FGARI%5FReview%5F2013>





# Connect with us!

GARI on Twitter:  
**@GARlupdates**

GARI page on Facebook:  
<https://www.facebook.com/MobileAccessibility>

**MobileManufacturers**  
**@GARlupdates**

GARI is a project to help consumers learn about the accessible features of mobile phones and to find one that meets their needs. Belgium, Hong Kong & Brazil - <http://www.mobileaccessibility.info>

1,375 TWEETS   752 FOLLOWING   296 FOLLOWERS

**Tweets**

- MobileManufacturers** @GARlupdates · 3h  
Sign bilingualism is a human right. 13 min film explores the benefits of being bilingual: [bamhosei.se/GAADB\\_Deafblind#Deaf](http://bamhosei.se/GAADB_Deafblind#Deaf) Expand
- MobileManufacturers** @GARlupdates · 18h  
Accessibility info for Alcatel Mobile Phones One Touch Evo7 in Europe added to @gariupdates database. #a11y [tinyurl.com/bih47zh](http://tinyurl.com/bih47zh) Expand
- MobileManufacturers** @GARlupdates · 18h  
Accessibility info for Alcatel Mobile Phones One Touch Tab BHD in Europe added to @gariupdates database. #a11y [tinyurl.com/totdev7](http://tinyurl.com/totdev7) Expand
- MobileManufacturers** @GARlupdates · 18h  
Accessibility info for Alcatel Mobile Phones One Touch TAB 7HD in Europe added to @gariupdates database. #a11y [tinyurl.com/buamrta](http://tinyurl.com/buamrta) Expand

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is on Facebook.

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**Global Accessibility Reporting Initiative**  
16 likes · 4 talking about this

Telecommunication  
GARI is a project designed to help consumers learn more about the accessible features of mobile phones, tablets and apps. Try out, if you find a phone that suits your needs: <http://www.mobileaccessibility.info/>

About   **Bildung** 16 Likes

Highlights

**Global Accessibility Reporting Initiative** shared a link. May 8 ·

"If we can get even a few people who know nothing about digital accessibility, asking questions, becoming interested in learning more, having at least one perception change, and walking away with an appreciation for at least one of the dig... See More

**Global Accessibility Reporting Initiative** shared a link. May 7 ·

Recent Posts by Others

- Adeel K.Siddiqui** · 1 Free Clear Hear Android application: And...  
April 16 at 12:27pm
- Jennison Mark Asuncion** · Regarding involvement in Global Accessibili...  
April 10 at 1:12am

Likes

- AndiPratic Community** Like
- CECIAA Wholesale & Supply Store** Like
- ITU Organization - Government Organization** Like

# Thank you.

## Questions? Further Information needed?



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**Since December 2006: MMF's Director for Europe, Middle East and Africa** and responsible for the co-ordination of the association's activities in the region.

**2000 – 2006: Forum Mobilkommunikation,**  
Austrian national trade organisation, Managing Director

**1990 – 1999: Member of the Austrian Parliament,**  
focused on infrastructure issues, telecommunication,  
renewable energy and environment

**1990: Master of Laws,** University of Graz, Austria.