Compatibility & Requirements

The **Blind Map Navigation** application is compatible with all Android smartphones/tablets that meet the following minimum system requirements:

• Android version 4.0.4 and higher;
• 200 MB of free storage memory for the base app to install;
• Built-in GPS module (or externally connected GPS receiver that is paired/recognized by the device and sends location data to the operating system);
• Connection to internet (Wi Fi or Mobile Internet).

Following hardware specification is recommended for best performance while using multiple app features:

Processor – Quad-Core
RAM – 2GB and above
Android OS – 6.0 and above
Storage – 1GB and above

* To make this application work correctly, you should allow it to access your location by tapping allow.

Icons used in Blind Map Application:

	Pointing on nearest objects		Close navigation icon
	What is a nearby object		User guide info icon
	The nearest address		Voice commands(Address, What is near, what is there)
	Center map on your current location	START NAVIGATING	Start navigation

Get directions, track locations and start navigation

* Enable navigation by tapping on screen's map (your preferred destination), so your trip route can be activated.

* Use tap Voice command to hear the nearest point of interest or address. Tap on microphone

to ask the nearest objects:

- **address** (tells you the actual address where you are located right now);

- **what is near?** (tells you the nearest point of interest);

- **point** (tells you the point of intertest based on your mobile phone's orientation).

* Tap on icon to track the nearest addresses around you.

Find a place on the map and get directions

-Explore the map

Slide and touch anywhere on the map to get the direction. Tap on START NAVIGATING to start your navigation.

-Move The Map

To see more details on the map, zoom it in and/or out. On your mobile device, you can use gestures like rotate, tilt, and zoom to quickly move through the application.

-See your current location

To search for places around you and get directions more quickly, center the map on your current location by tapping the icon. The blue dot on the map shows where is your current location right now.

Languages

* Phone detects three different languages including English, Russian and Latvian.

* The language is set automatically according to phone's settings, if non of these languages are detected, then the application automatically chooses English.

* The voice commands are detected by your phone's settings. For the Latvian language, you need to download and install additional application (eSpeak TTS). After the installation you should go to settings → input, and choose the synthesize of language field (eSpeak TTS) as a default language synthesizer and after go for TTS language settings and change the speed of speech to 100.