

ALPConnect™

Application for iOS smartphones and tablets - Instructions

Thank you for downloading this app. to your iOS device. Please take time to read our Safety Agreement at the end of this document. Use of this app. is only permitted if your agree to terms from our Safety Agreement.

SAFETY AGREEMENT AND SYSTEM REQUIREMENTS

Run the ALPConnect app. On initial run the application will ask you to agree to our Safety Agreement and check that you comply to minimum hardware requirements. Minimum Hardware requirements are listed at the end of this document.

Possibly the app. will also ask that you enable **GPS Location** services and **Bluetooth connectivity**.

1. CONNECTION

On the main screen press **SCAN** to scan for **ALPriority** System. If everything is connected correctly and AL Priority is receiving power, your ALPConnect Bluetooth module should appear on the found devices list. Select it and log in with your BT Module **serial number** and **PIN**.

Fig 1. Connection screen

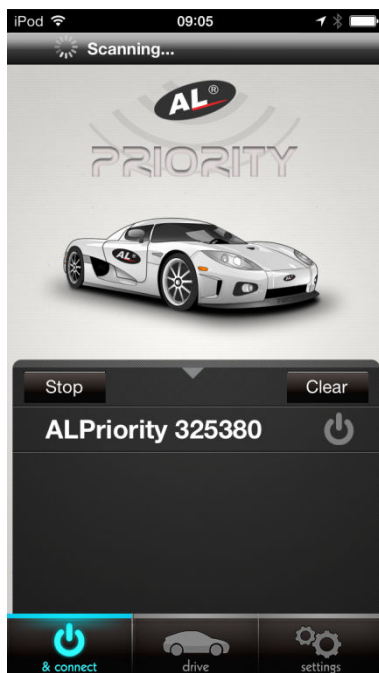


Fig 2. Settings screen

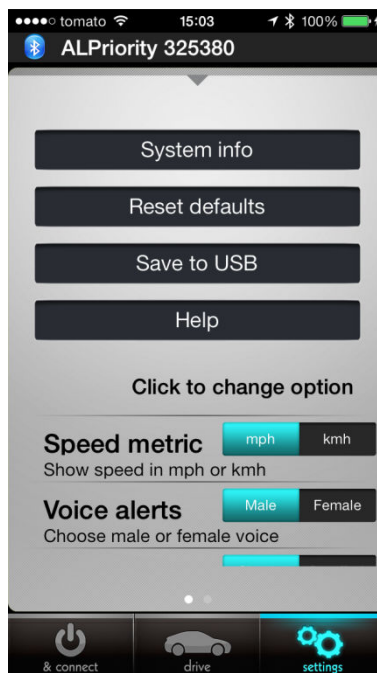
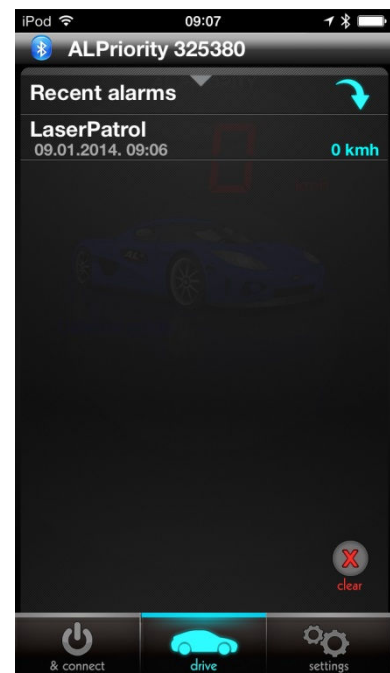


Fig 3. Recent alerts screen



2. SETTINGS

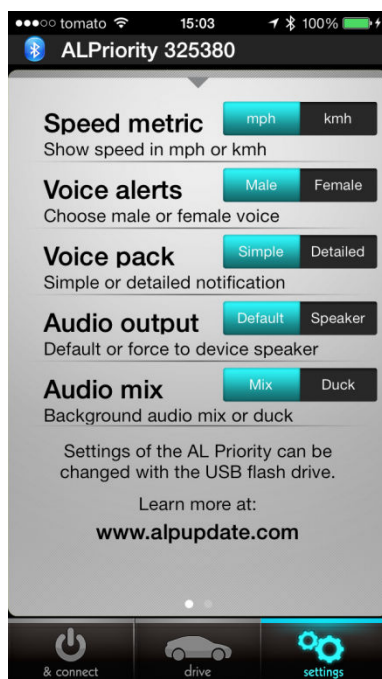
Settings screen allows changes to AL Priority setup and app. setup. For detailed instructions regarding AL Priority setup please read the AL Priority User manual or AL Priority extended FW manual.

- 2.1. System info – tap to see your ALP serial number, region, firmware version and ALPConnect version.
- 2.2. Reset defaults – tap to reset your ALP system to factory defaults. At the same time your ALP system will memorize number and exact locations of the sensors in the system. We recommend you do this after your first install. Thereafter system will alert you in case there is a change in a sensor configuration or if a sensor stops operating or gets disconnected.
- 2.3. Save to USB – connect USB drive to your ALP system; system information and current configuration will be saved to the USB drive. The file will be named “setup.alp”. In case of any problems with your system, you will be asked to email this file to the Service support center to help you diagnose the cause of the problem.
- 2.4. Help – in case you need help with your ALPConnect you may read this User guide.

ALPConnect OPTIONS:

- 2.5. Speed Metric - you can choose between **miles**/hour or **km**/hour for speed metrics.
- 2.6. Voice Alerts – choose between **male** or **female** voice output
- 2.7. Voice pack - **Detailed notification** will identify the cause of laser alert by the type, while the **Simple** voice pack will categorize the laser source in one of 4 categories of laser alert types as listed in section 3A. of this manual

Fig 4. ALPConnect Options



- 2.8. Audio output – **Default**: in case you connect via Bluetooth to your car radio-speakers, application alerts will be heard on same speakers as well. Note: If your iDevice is connected via BT to your car-radio, and you are not listening to the music from your iDevice, ALPConnect alerts will not be heard! When Default is chosen you will hear laser/radar alert-notifications during a phone call. In **force to device speaker** application will disregard other speaker connections and ALPConnect alerts will always be heard through your iDevice’s speaker. This option however does NOT alert during phone calls.
- 2.9. Audio mix – **Background audio mix** option will mix the sounds of the ALPConnect app with other sounds, for instance music played in a player. If **Duck** setting is chosen, background sounds will automatically hush during laser/radar alert.

Fig. 5. Reception quality



2.10. BT RECEPTION STRENGTH

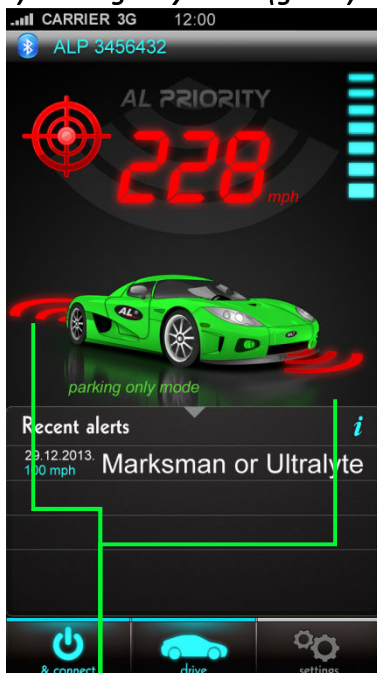
To monitor the BT reception quality of your installation go to Settings screen and slide to the right for the Reception quality screen. Your signal should not drop below -93dBm for best performance of the app. & AL Priority. Weak signal can be improved by relocating your ALPConnect Bluetooth module. Remember to use only plastic housings& mounting accessories with the BT module as any metal objects in it's vicinity will attenuate the Bluetooth signal.

3. DRIVE SCREEN

If successfully connected the app. will automatically switch to the Drive screen. The car logo on the Drive screen indicates whether your AL Priority is in parking, detecting only or in defending mode (green, yellow or blue car respectively).

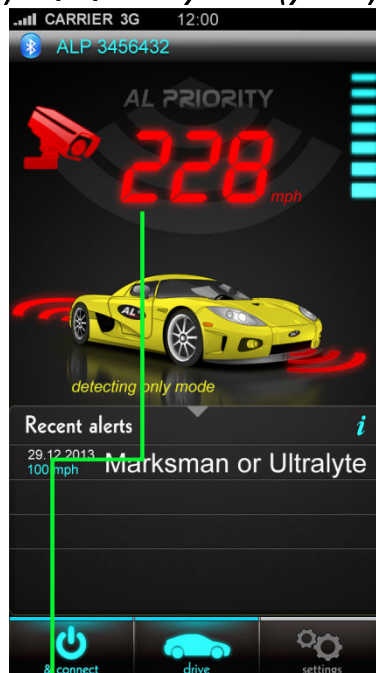
Fig 6. Drive screen

a) Parking only mode (green)



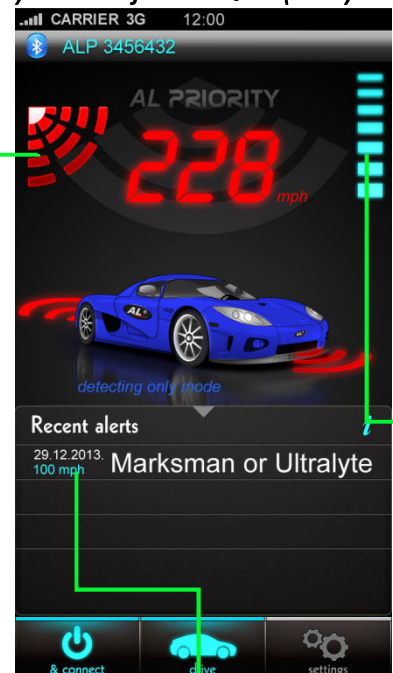
Parking detection – visible alert when obstacle is detected in front or rear of your car

b) Detection only mode (yellow)



Your current SPEED (GPS must be active on your device to see your speed)

c) Laser defense active (blue)



Laser alert symbols:
a) Hand-held Laser;
b) Laser camera;
c) Laser scanner

App will store recent alerts including: Date, your speed, laser or radar device identification. List can be cleared by user.

Radar detected

- 3.1. Parking mode (car is green)**- only PDC (Park Distance Control) alerts will be heard indicated by sound and arrows shown on either front, back or both sides of the car.
- 3.2. Detection mode (car is yellow)** - beside detecting obstacles, system will alert when Laser and Radar are detected.
- 3.3. Defending mode (car is blue)** - Laser alerts are shown with icon showing the type of the detected signal. During alert car will blink Blue/Red, and in that time your system will be defending against said laser source for the set duration of the LID defense time.
- 3.4. Recent alerts** -History of Laser/Radar encounters with date, time, your speed of travel and exact type of Laser/Radar encountered is stored on the bottom of the Drive screen. You can tap the list to expand it, tap the clear button to clear the list.

A. LASER ALERT TYPES

There are four different types of Laser alerts:

- 1. **Hand-held laser***(hand operated laser speedgun aimed at your car or its vicinity, ALP will enter LID Laser Interference Defense for set LID duration time).*
- 2. **Laser scanner***(fixed or semi-mobile laser scanner in the range of your car, ALP will enter LID Laser Interference Defense for set LID duration time, Immediate Action is needed to avoid laser scanners from acquiring your car).*
- 3. **IR Section camera***(fixed IR camera of a section control system, either a start or an exit section point, drive diligently for the remaining part of the section).*
- 4. **Error sensitive laser***(hand operated laser speedgun equipped with Error Code identification aimed at your car or its vicinity, ALP will enter LID Laser Interference Defense for set LID duration time, Immediate Action is needed to reduce Error Codes shown on the laser).*

B. USING YOUR APP IN THE BACKGROUND (MINIMIZED)

Once connection is established you can minimize the application and it will continue to run and maintain the connection in the background. This way smartphone battery charge is extended which is of importance if smartphone is running on it's battery and not connected to a charger.

While in the background, you will receive Notification alerts with sound on Laser and Radar alerts only. Touch the notification to immediately get back to the Drive screen.

C. TAP SCREEN DURING ALERT TO STOP LASER DEFENSE

While Laser alert is active you can touch the car logo to immediately stop LID blocking and mute the alert. ALPConnect will switch to detect only mode and continue to alert to Laser for the remaining duration of the set LID time.

D. TAP SCREEN TO MUTE PARKING SENSOR ALERTS

While not in the Laser/Radar alert you can tap the car logo to activate PDC audio mute. Parking sensor alerts will then only be indicated visually on the screen.

E. CHANGING RADAR FILTER MODES

By tapping Highway/City icon you can change the radar filter. Highway is green colored with maximum radar detection, City yellow – is with reduced radar sensitivity, City red – is the least radar sensitive mode(affects only Radar bands K and X). Thresholds for each radar filter mode can be adjusted to your preference on alupdate.com and system updated over USB drive.

Highway / City mode



How to enable sounds when minimized (Notifications)

ALPConnect™ app. can stay connected while minimized; enable sound to get Alerts when minimized.

Select Notification Center

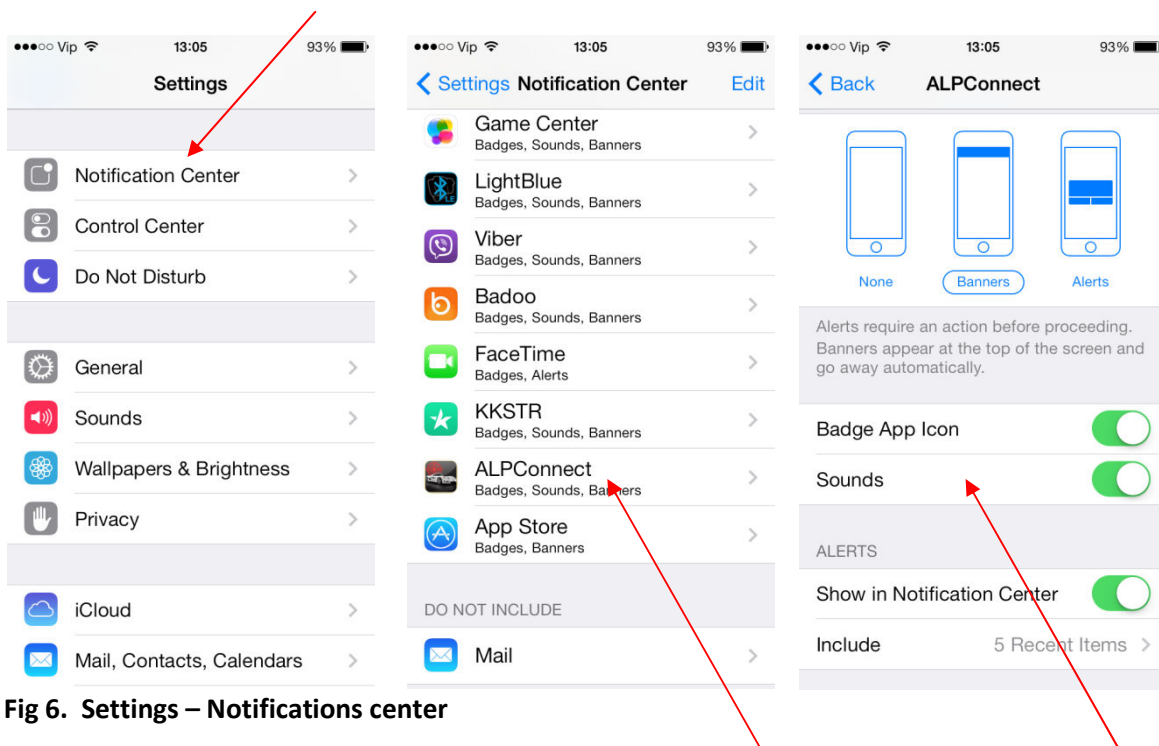


Fig 6. Settings – Notifications center

Select ALPConnect

Enable sound

ALPConnect app. will alert you to Laser and Radar even if you minimize the app.

Before minimizing be sure that you have a valid connection (the AL car logo is either green, yellow or blue in color).

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Hardware and Software Requirements

This app. will run only on iOS devices that support Bluetooth 4.0 LE (Low Energy) standard such as iPhone 4S, iPod touch 5G, iPad 3 and higher.

Hardware requirements are:

- AL Priority Multipurpose Laser system, upgraded to FW version 4.3.3 (or higher)
- ALPConnect Bluetooth Module, connected according its Installation Manual.

ALPConnect™

Safety Agreement

It is your sole responsibility to practice safe driving by placing, securing and using your smartphone/computer running ALPConnect in a way that will not cause accidents, injury or property damage. Mount the smartphone/computer in a position that does not obstruct the driver's view. Do not mount the smartphone/computer in a way that may interfere with the operation of the vehicle, the deployment of air bags or other safety equipment. Do not operate the smartphone/computer while driving.

ALPConnect app. is designed to work in conjunction with the ALPriority multipurpose laser system product over a wireless connection. It presents Parking Distance Control alerts and can also alert you to locations of safety cameras, which will enable you to monitor your speed through these areas.

Radikal d.o.o. does not warrant that you will be alerted to Parking Distance Control alerts and/or safety camera location in all cases, as many factors determine the performance of the system.

Radikal d.o.o. does not condone speeding or any other failure to comply with your local traffic laws. It is your responsibility to drive within the posted speed limit at all times and to drive carefully.

Radikal d.o.o. accepts NO liability whatsoever from you receiving any speeding fines or points on your license through using this device. Radikal d.o.o. accepts NO liability whatsoever from wrong, absent or otherwise incorrect Parking Distance Control alerts given by this device.

In the event you receive a fine or any other penalty for speeding or contravention of any traffic laws, or are involved in an accident, Radikal d.o.o. is not responsible for any damages of any type.

In some countries possession and/or using of devices capable of alerting to a presence of speed cameras may conflict with local law and /or regulations. It is your responsibility to make sure that your use of this system is in compliance with local laws and/or regulations. Usage is at your own risk.

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