

ROAD ANGELTM

P U R E

USER GUIDE



Swipe left to continue





Introduction 4

Overview 6

Before you begin.....7

Button Functions 8

Power On/Off 9

Wifi On/Off 10

Mode Varieties 11

Charging the Unit 14

Registration 15

How to Reset the ROAD ANGEL™ PURE 15

Configuration of the ROAD ANGEL™ PURE 16

 Alerts 16

 Display 16

 Sounds.....17

 Unit Data 18

Configuring the ROAD ANGEL™ From your Smart Phone
using the ROAD ANGEL™ App.- Quick Guide 19

Configuring the ROAD ANGEL™ PURE from your
PC or Mac - Quick Guide.....29

Configuring with Smartphone – Full Instructions. 31

 Audio Options 19

 Alert Options 20



Configuring the ROAD ANGEL™ PURE from a PC or Mac – full instructions. 54

 1. Update the ROAD ANGEL™ PURE 58

 2. The ROAD ANGEL™ PURE is updated 59

 3. Now you can configure your ROAD ANGEL™ PURE with the blue button..... 59

Sounds Menu..... 60

Unit Data 62

Finally, Remember to SAVE your new settings 62

ROAD ANGEL™ PURE DISPLAY ELEMENTS 63

What the icons mean. 65

Startup Sequence 66

FEATURES..... 69

Miscellaneous Information 70

 Road Speed Data 70

Terms & Conditions..... 71

More information 71

FAQ’s 72

 Q. How long will it take for my ROAD ANGEL™ PURE to be ready to use? 72

 Q. How do I configure the settings on my ROAD ANGEL™ PURE? 72

 Q. How do I mount my ROAD ANGEL™ PURE into my car? 73

 Q. I need my device fitting to my vehicle, who can I call? 74

 Q. How do I purchase a subscription to go with my ROAD ANGEL™ PURE? 75

 Q. I want to quickly find out my subscription end date, is this possible? 75

 Q. How long will the battery last? 76

 Q. How long should I charge the unit? 76

 Q. I don’t have a smartphone, how do I configure the device? 76

 Q. I am struggling setting up the device – are there any instructional videos?..... 76

INTRODUCTION ¹



Congratulations on your purchase of the latest addition to the ROAD ANGEL™ range, the 'PURE'.



ROAD ANGEL™ PURE is a standalone GPS camera and accident blackspot locator. It uses the latest global positioning satellite technology to give you audible and visible alerts as you approach hazardous sections of road:

- Fixed safety cameras
- Average speed monitoring zones
- Mobile safety camera vans
- Accident blackspots (as designated by the Police and Local Authorities)
- Mobile laser guns
- Primary schools, congestion charging zones and unprotected level crossings

With over 250,000 miles of road around the UK, knowing the speed limit is often guesswork, that's why ROAD ANGEL™ PURE also has an onboard database of road speed limits. Provided by Here™, the road speed information is presented in a circular road speed sign at the bottom left of the device.

PURE



By using mobile phone technology, ROAD ANGEL™ PURE also allows you to both share the LIVE locations of mobile safety camera vans. CameraShare™ and is a unique feature to ROAD ANGEL™, and empowers you to keep yourself, and other ROAD ANGEL™ users, safe on the roads.

We're confident you will have a satisfactory experience as a new user and have written this guide to help you acquaint yourself with its operation, which is designed to be simple and unobtrusive.

There are some pre-requisites which are important to understand when setting up your ROAD ANGEL™ PURE for the first time. Please take a few minutes to read the instructions which will help you get started.



The ROAD ANGEL™ PURE has two buttons, thus simplifying its operation and helping to avoid the temptation to adjust the equipment while driving. All configuration is done by connecting via your smartphone, PC or Mac, making the menus easier to navigate.



Once the unit has been registered and your subscription has been purchased the alerts database will be updated and the unit enabling the device to function.

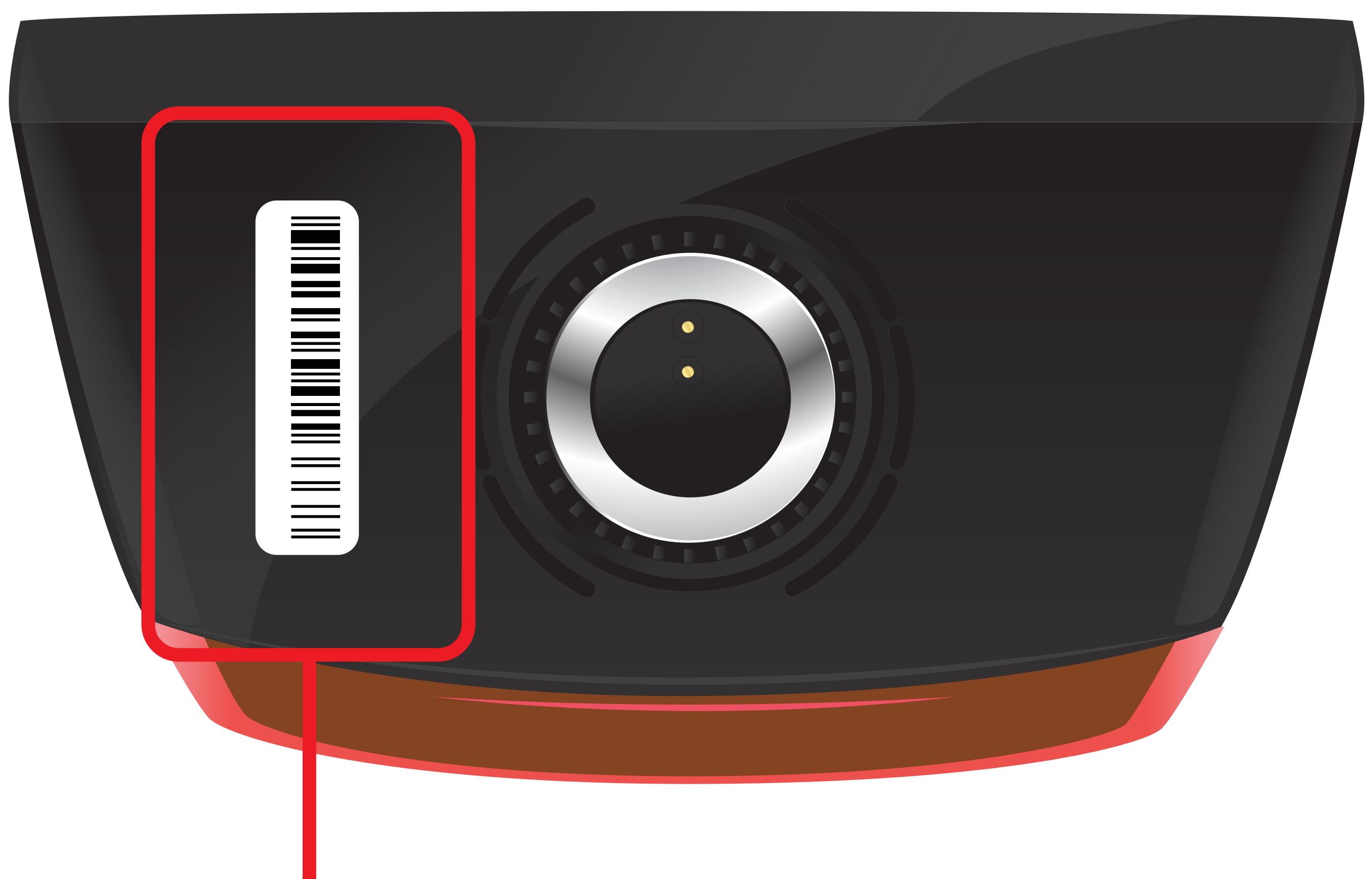


Please read the instructions to ensure your ROAD ANGEL™ PURE is set up correctly.

BEFORE YOU BEGIN



1. Firstly, the device will need to be charged up for the first time, which may take 8 hours, possibly overnight.
2. A subscription can then be purchased for the unit to receive the database updates. You can do this via our website **www.RoadAngelGroup.com** by using the serial number on the base of the unit.

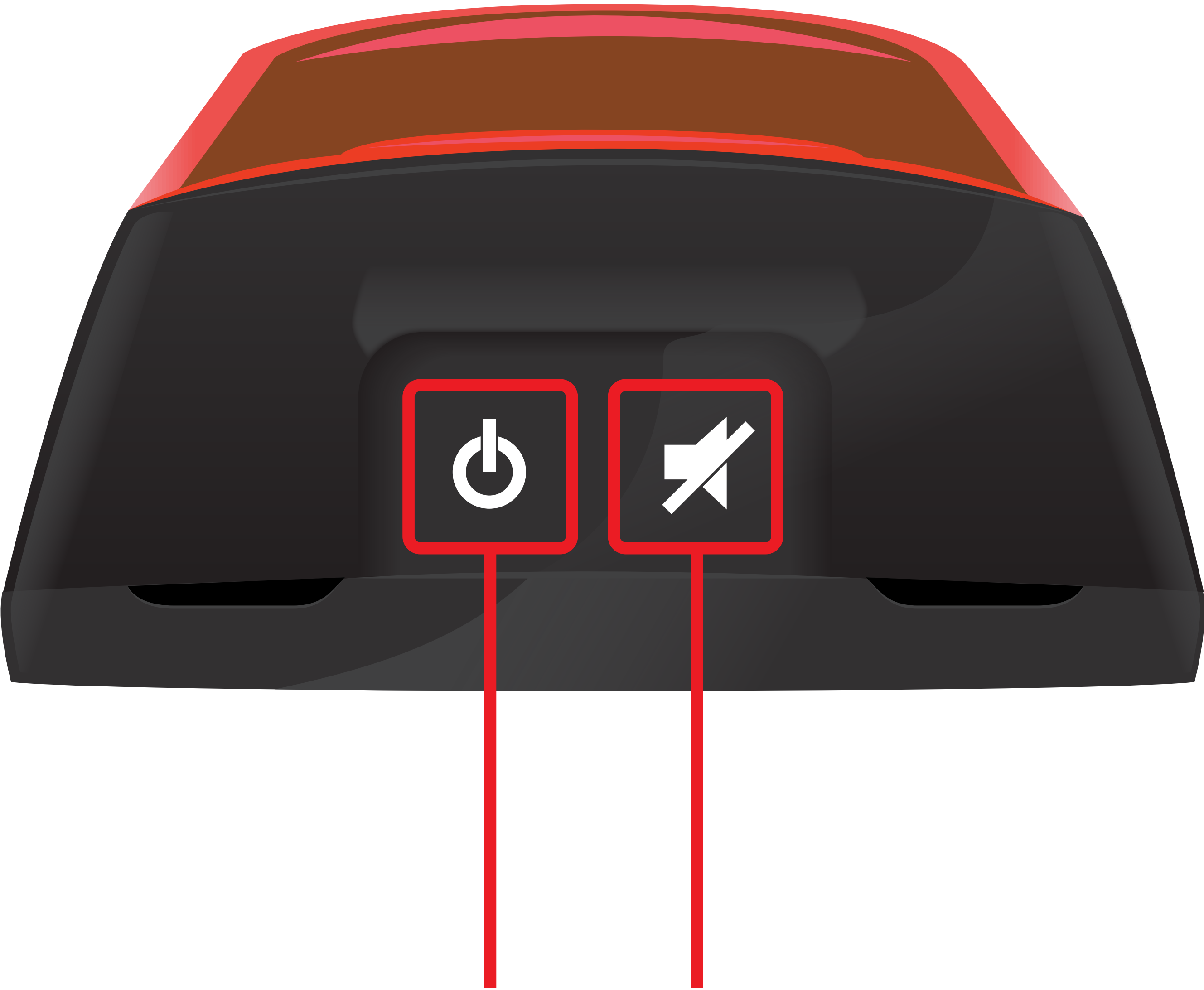


Serial Number

3. Finally, you have the option to configure the settings of the device which can be to suit your requirements. To do this we suggest you familiarise yourself with these settings which can be adjusted either from:

A smartphone via a Wi-Fi link with the ROAD ANGEL™ PURE or can be controlled using a PC by downloading the update software from our website at **www.RoadAngelGroup.com**

PURE



Power On/Off

(Press & Hold)
Wifi On/Off

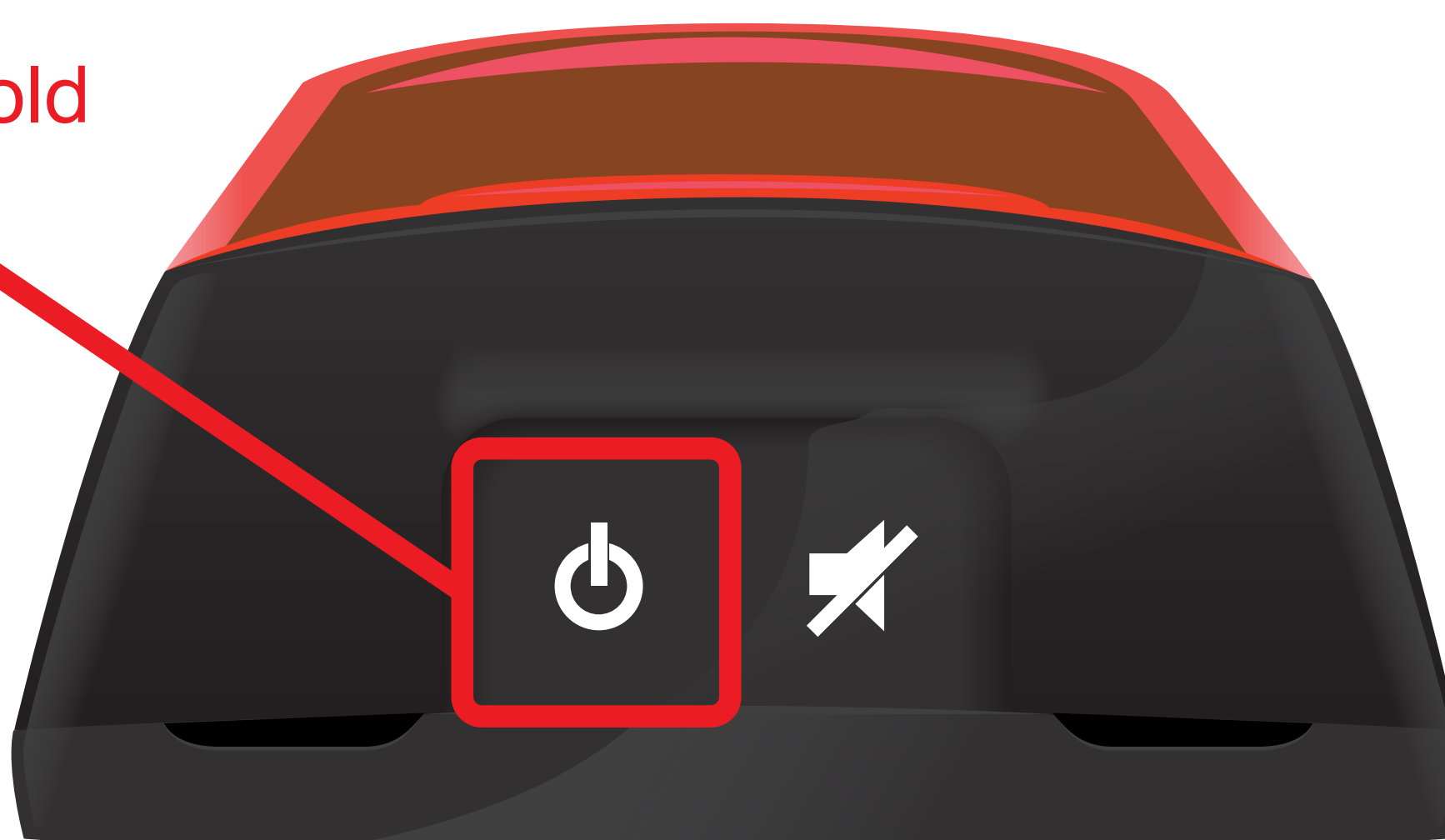
Use WIFI to connect via your smartphone or tablet using the ROAD ANGEL™ App. (available from your app store)



POWER ON/OFF



Press & Hold

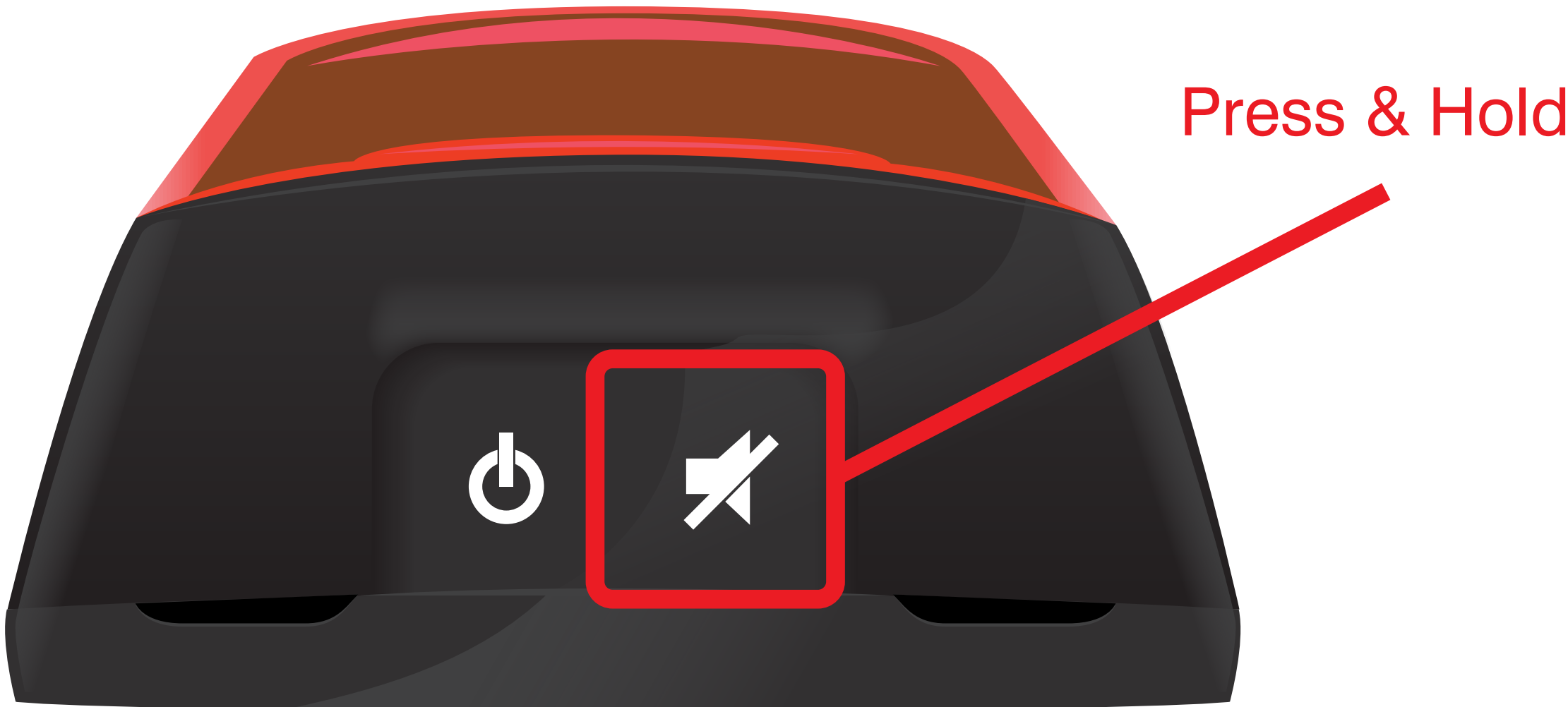


Live camera share

For Mobile Safety Camera Vans, if the user is receiving a Camera Van alert and there is a Camera Van there, pressing either button on the top of the device twice will flag the location as 'Live' to all other 'connected' users.

PURE

WI-FI ON/OFF



1.



2.



3.



POWER BUTTONS – CYCLE THROUGH 5 MODES ¹



SCREEN 1

In this mode the compass is offset to the top left.
Current speed is shown at the top.
When the unit picks up the local speed limit this is shown at the bottom.



SCREEN 2

This mode has your current speed in the middle.
The time is shown in the top left.
The Compass is part of the center display.

POWER BUTTONS – CYCLE THROUGH 5 MODES ²



SCREEN 3

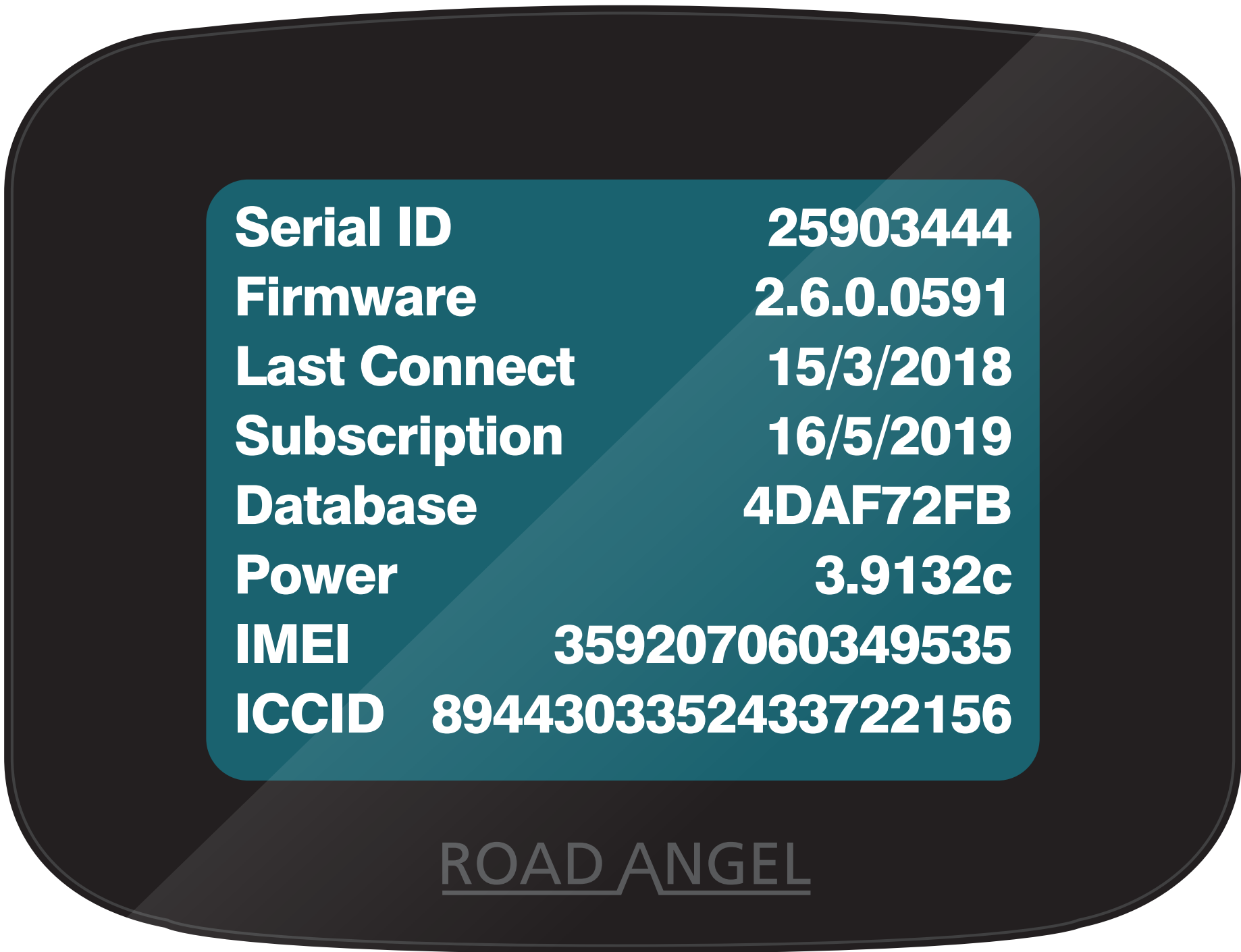
This mode is similar to the last, but with bolder characters and numbers for improved visibility.



SCREEN 4

This is for users who enjoy a clean and simple display. It removes all icons except the Road Speed Limit, your current speed and the compass. Icons will show when the device is alerting though.

POWER BUTTONS – CYCLE THROUGH 5 MODES ³



SCREEN 5

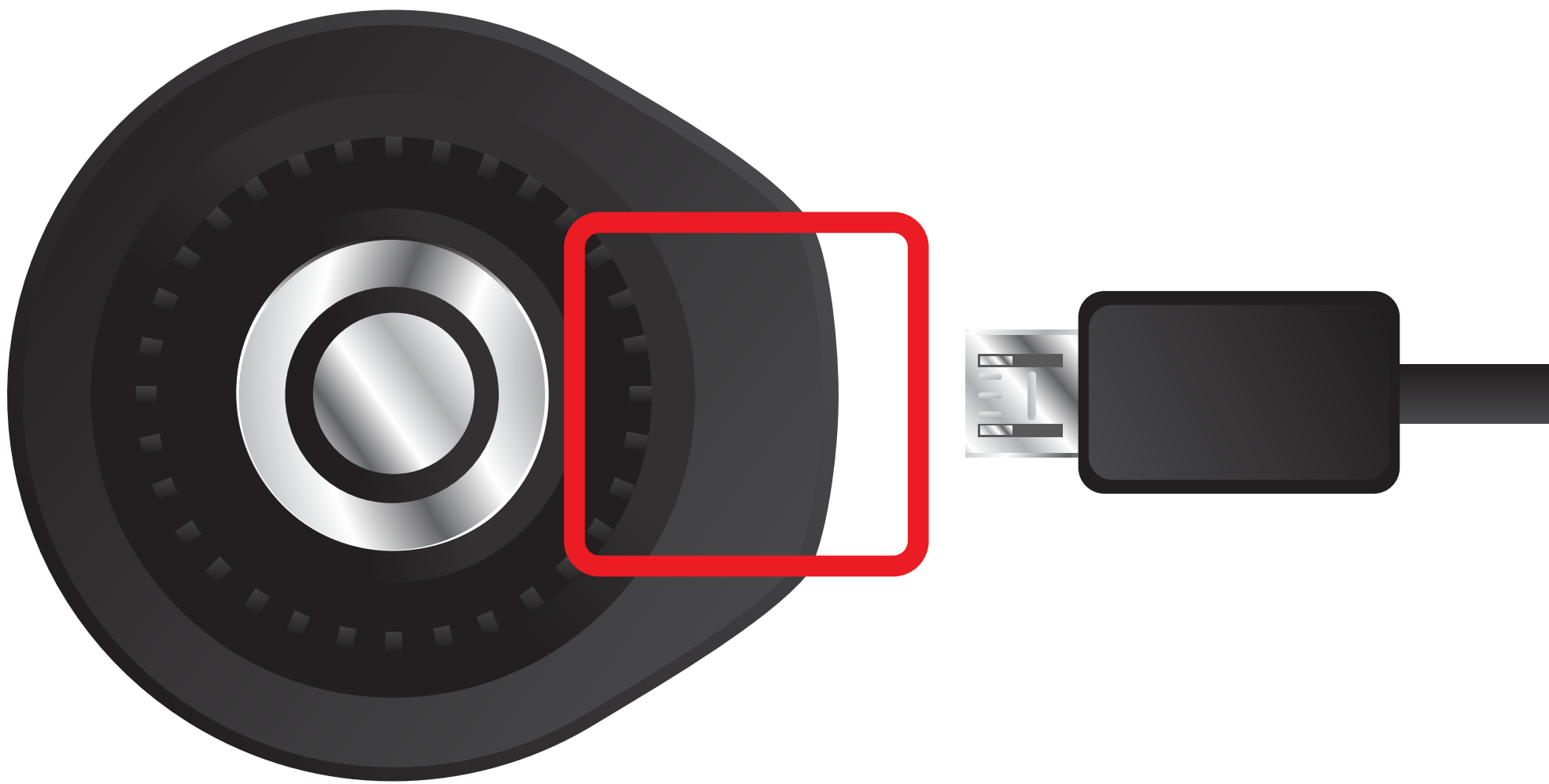
Is a quick and easy way to have a look at your Device’s Unit Data.

ROAD ANGEL
CYCLE THROUGH 5 MODES

CHARGING THE UNIT



With the unit switched off, connect the device to the mains charger to charge the internal battery.



REGISTRATION



1. Go to www.roadangelgroup.com
2. Click on the Registration link.
3. Follow the on-screen instructions.

As part of this registration process, you will be prompted to purchase subscriptions for the Safety Camera, Blackspot and Road Speed limit updates.

4. If you already have a pre-paid subscription, please call us to activate.

You can also register by phone:

0330 320 3030
(Mon-Fri 9am-5pm).

HOW TO RESET

Insert pin in the hole to reset



PURE



There are two ways to configure the ROAD ANGEL™ PURE;

1. Smartphone or Tablet:- Enable WiFi mode on the ROAD ANGEL™ PURE to read and adjust the settings via the ROAD ANGEL™ App on your smart phone. The App can be downloaded from your App supplier, Google Play or Apple iTunes.

2. Computer:- Connect the device to a PC or Mac with the supplied USB cable and download the ROAD ANGEL™ PURE Update Software from our website.

Both methods use the same menus outlined below;

ALERT

This menu allows users to select which alerts they wish to be notified of including, Accident Blackspots, Camera Van, Congestion, School Zone, Laser detectors, Overspeed, Overspeed Adjust, Alerts distance, Fatigue & Red Light.

DISPLAY

Brightness, Hardwired Mode, (If your device is fitted to your vehicle, as opposed to being plugged into your vehicle's cigarette lighter), Auto Stand-By, Speed Units (MPH/KPH) and Vehicle type, (e.g. Car, Tow, LGV, HGV, LMH, HMM, SBUS, LBUS).



SOUNDS

There is a range of audio alerts for specific events and the sound associated with each one can be customised. For example, you might have a simple high tone for a school zone and a low tone for rail tracks and a double beep for camera vans, you will also be able to set the volume for each alert.

- Button Beep
 - System Beep
 - Over Speed Beep
 - Blackspot Alert
 - Camera Alert
- Congestion Alert
 - School Zone Alert
 - Laser Alert
 - Red Light Alert
 - Railway Alert





This option allows you to view information regarding the device.

Road Angel Configure 2.6.10.544

SaveClose

AudioAlertDisplaySoundsUnit Data

Unit Data

Serial ID

25901042

Firmware

2.6.0.0580

Last Connect

31/1/2018

Subscription

20/1/2019

Road Angel

2.6.1.571

Database

4B7D72F3

Kernel

382

Power

3.6423c

Network

Roaming

GPS

POOR

IMEI

359207060331483

ICCID

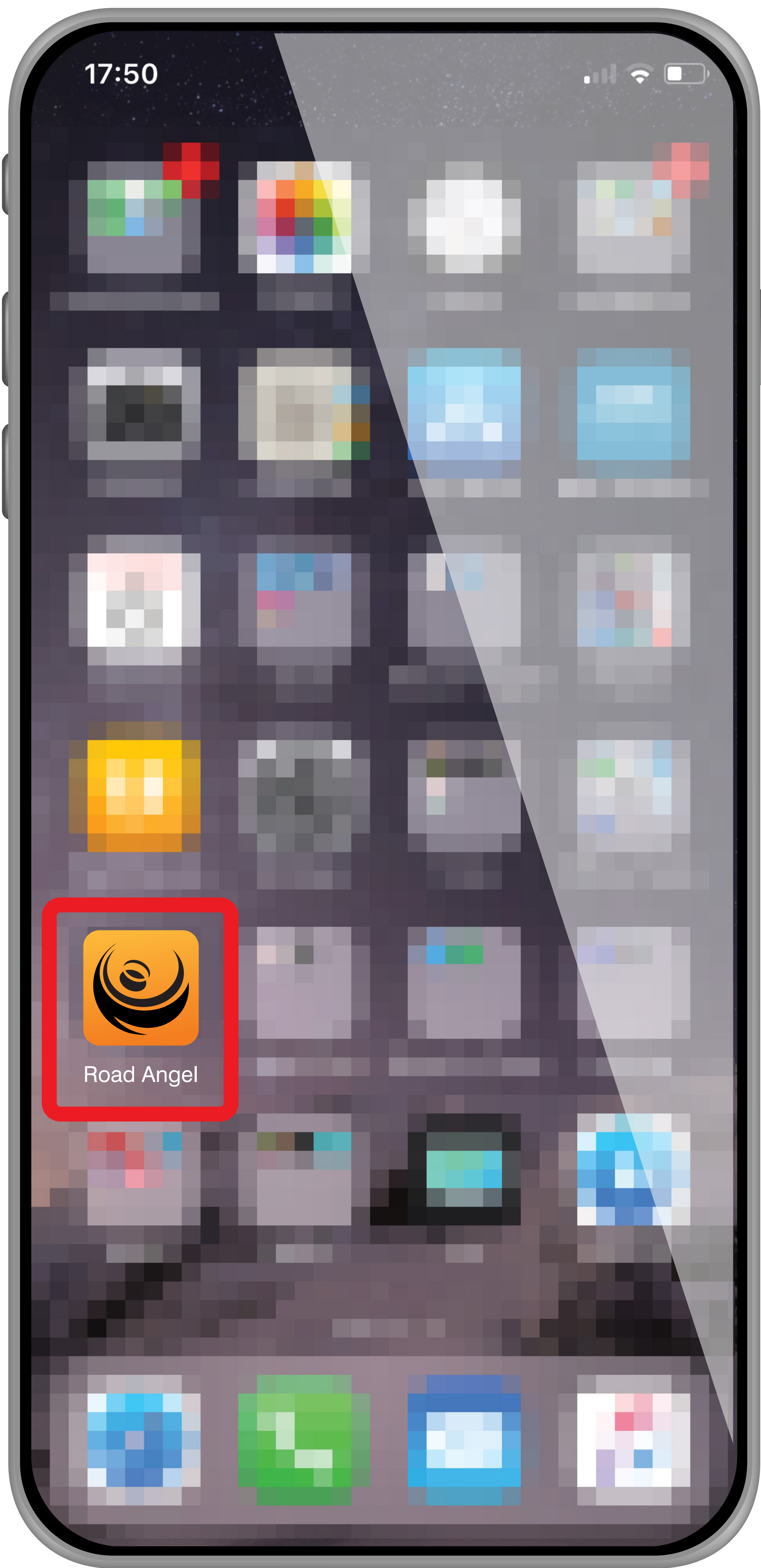
8944303352433693779

CONFIGURATION FROM SMARTPHONE APP ¹



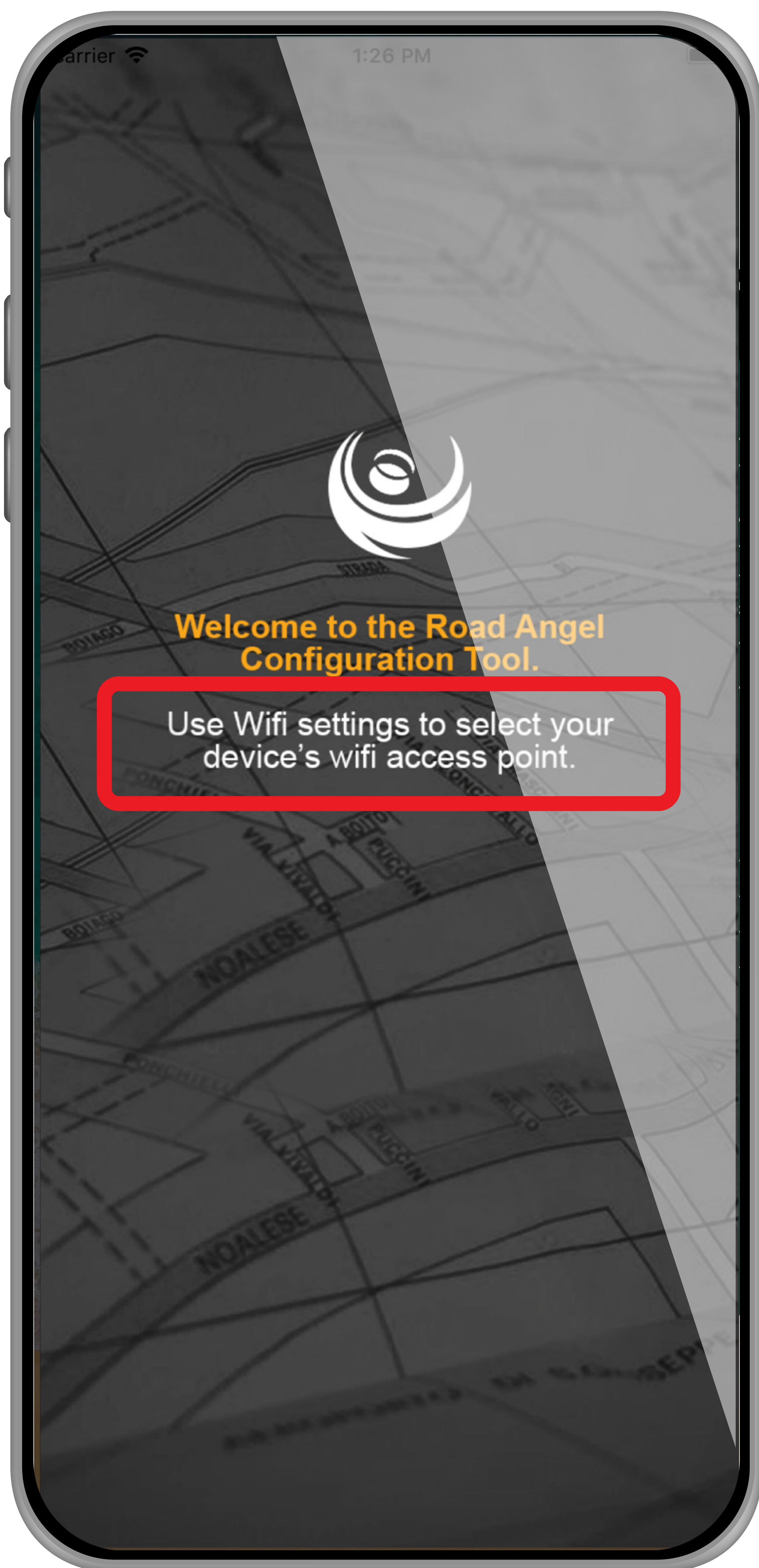
1. Download the ROAD ANGEL™ App from your smartphone's App source.
(e.g. iTunes or Google Play).

CONFIGURATION FROM SMARTPHONE APP ²



2. Activate the ROAD ANGEL™ App.

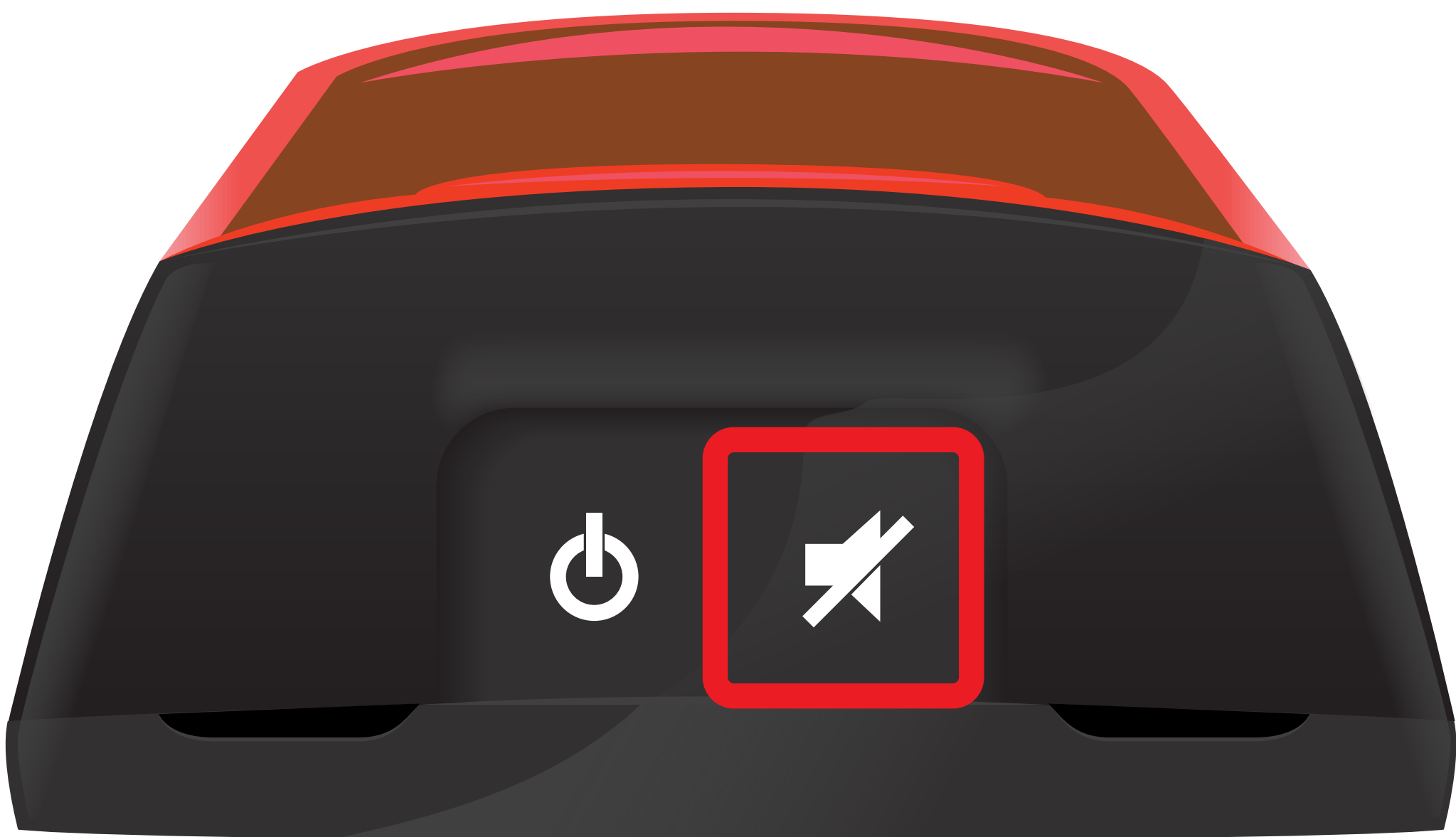
CONFIGURATION FROM SMARTPHONE APP ³



3. Go to your device “settings” menu & seek WiFi devices for the ROAD ANGEL™ and pair with it as a Hub.

PURE

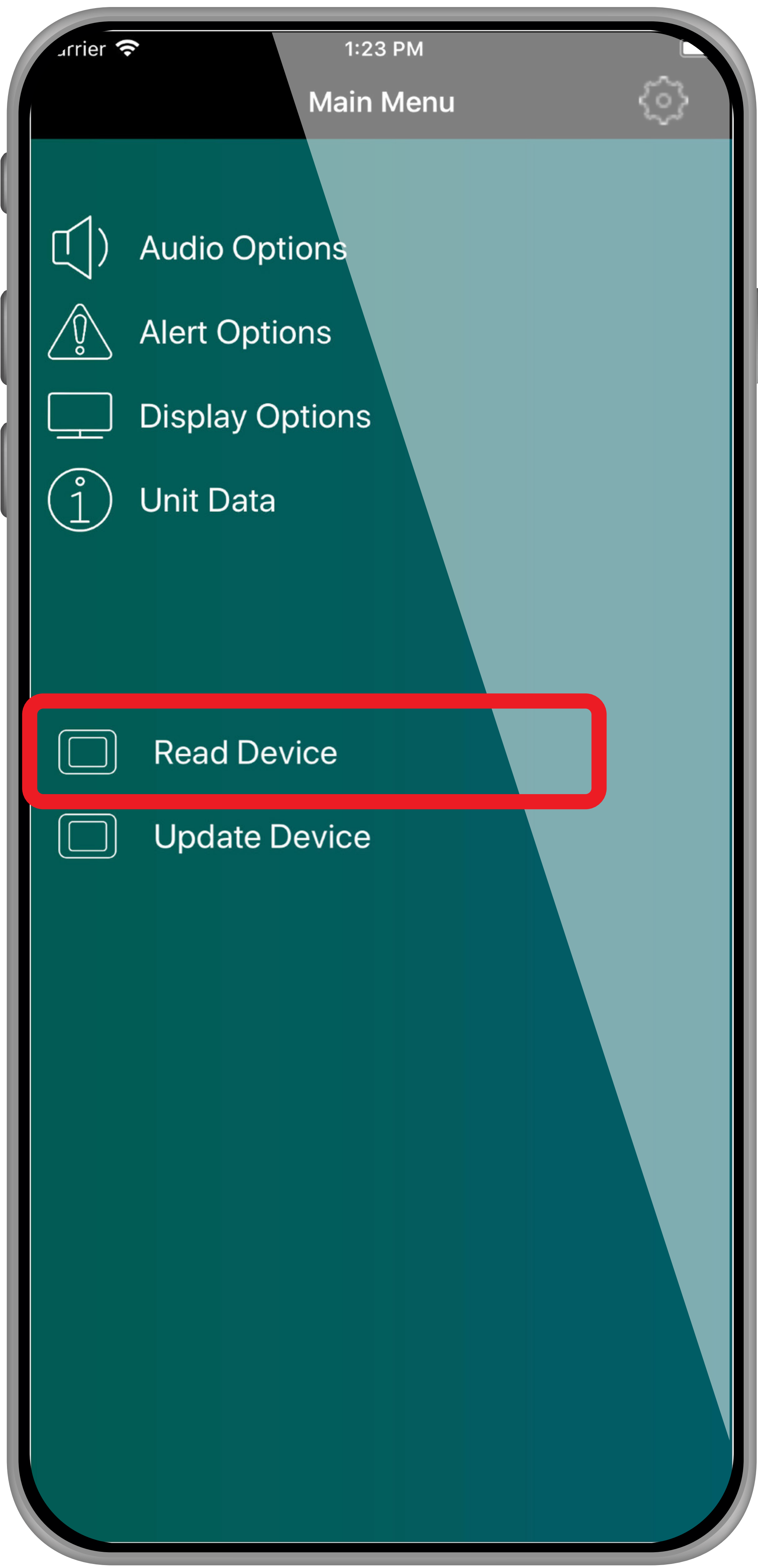
CONFIGURATION FROM SMARTPHONE APP ⁴



4. Press & hold the right button to enable WiFi mode on the ROAD ANGEL™ PURE and press again to confirm.

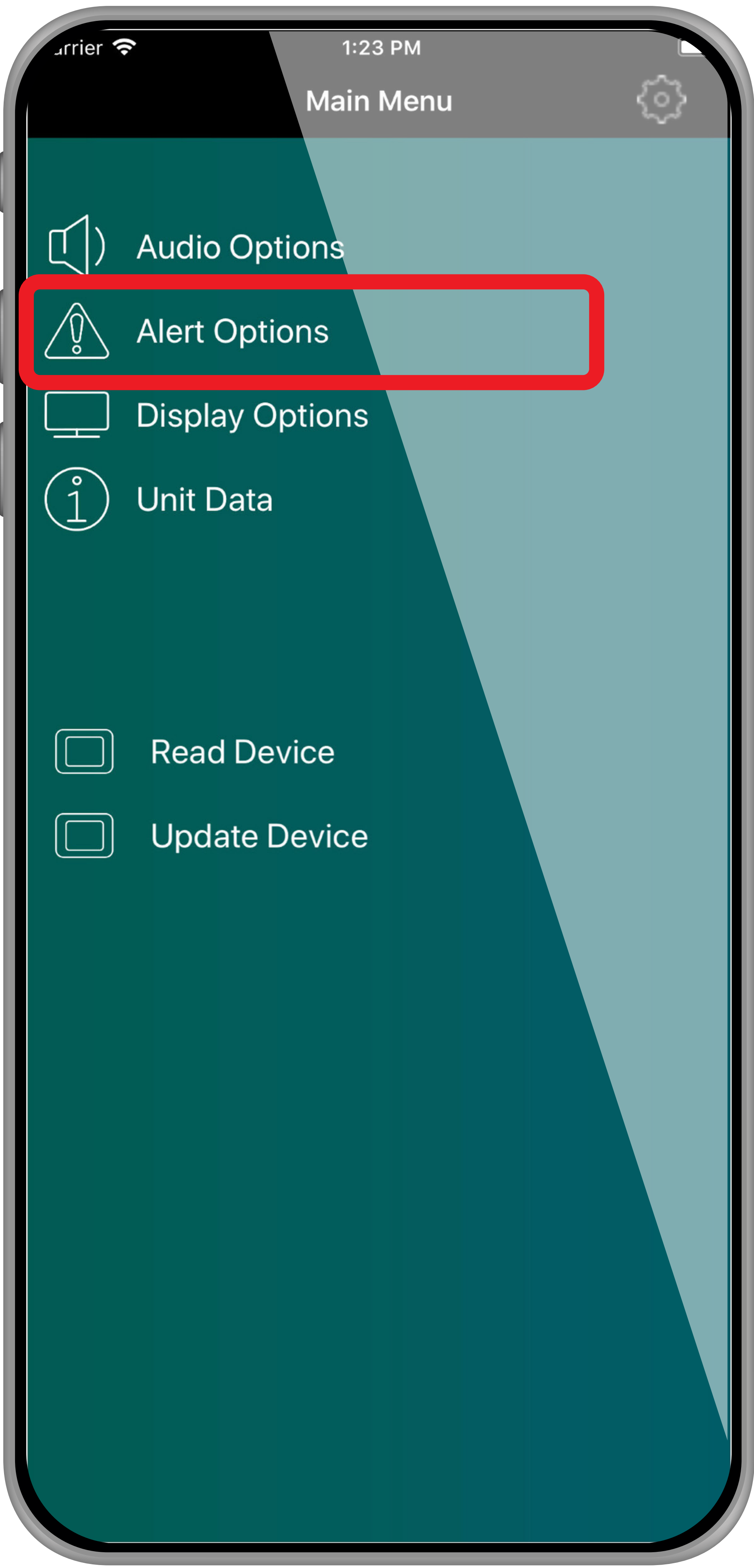
PURE

CONFIGURATION FROM SMARTPHONE APP ⁵



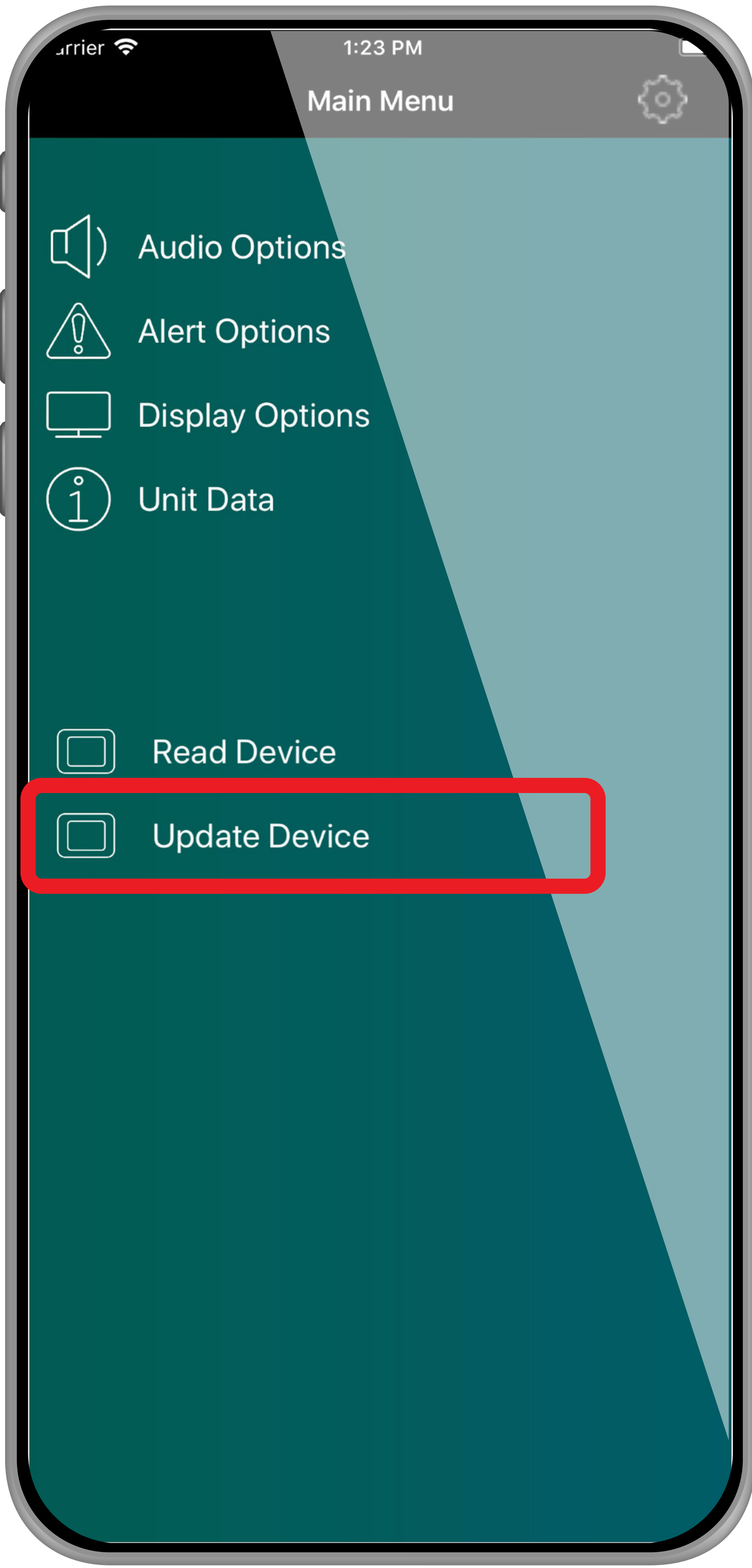
5. Read device.

CONFIGURATION FROM SMARTPHONE APP ⁶



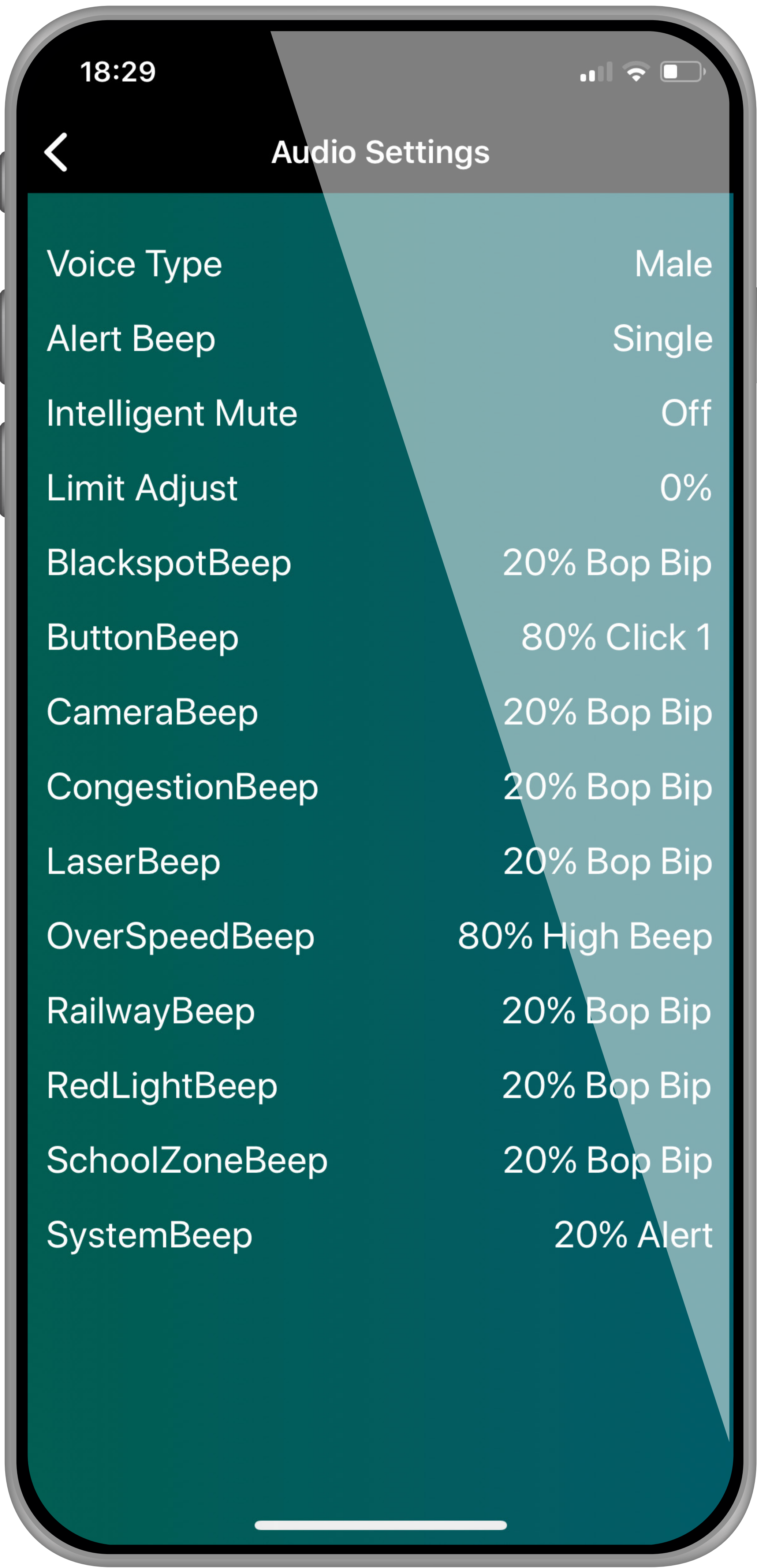
6. View and edit these options.

CONFIGURATION FROM SMARTPHONE APP ⁷



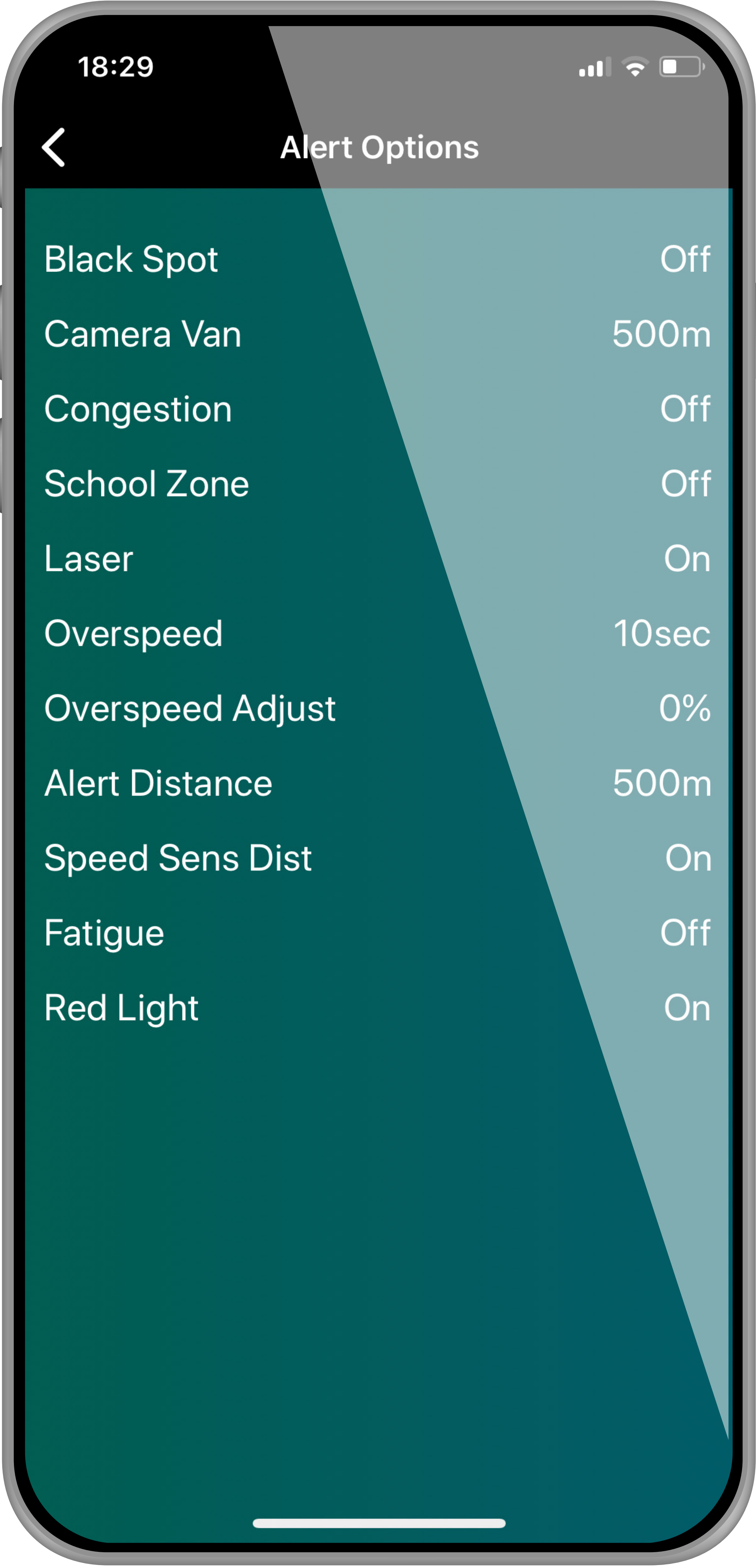
6. Update the device with these new settings, these will be written to device when you switch off WIFI by pressing the speaker button.

CONFIGURATION FROM SMARTPHONE APP ⁸



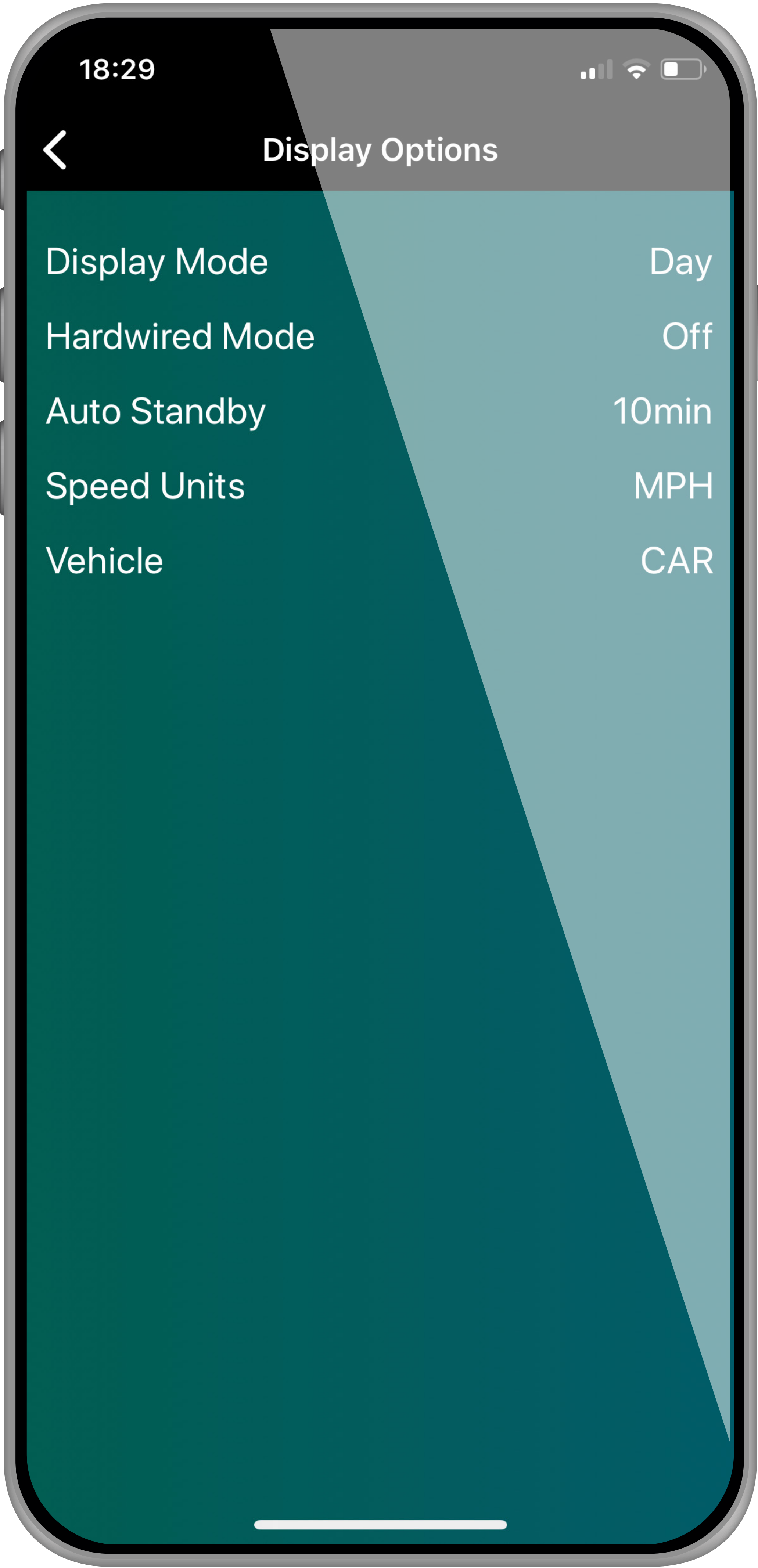
Here are just some of the Audio Settings you can pre-configure from the menu of your Smartphone or Tablet

CONFIGURATION FROM SMARTPHONE APP ⁹



Here are just some of the Alert Settings you can pre-configure from the menu of your Smartphone or Tablet

CONFIGURATION FROM SMARTPHONE APP ¹⁰

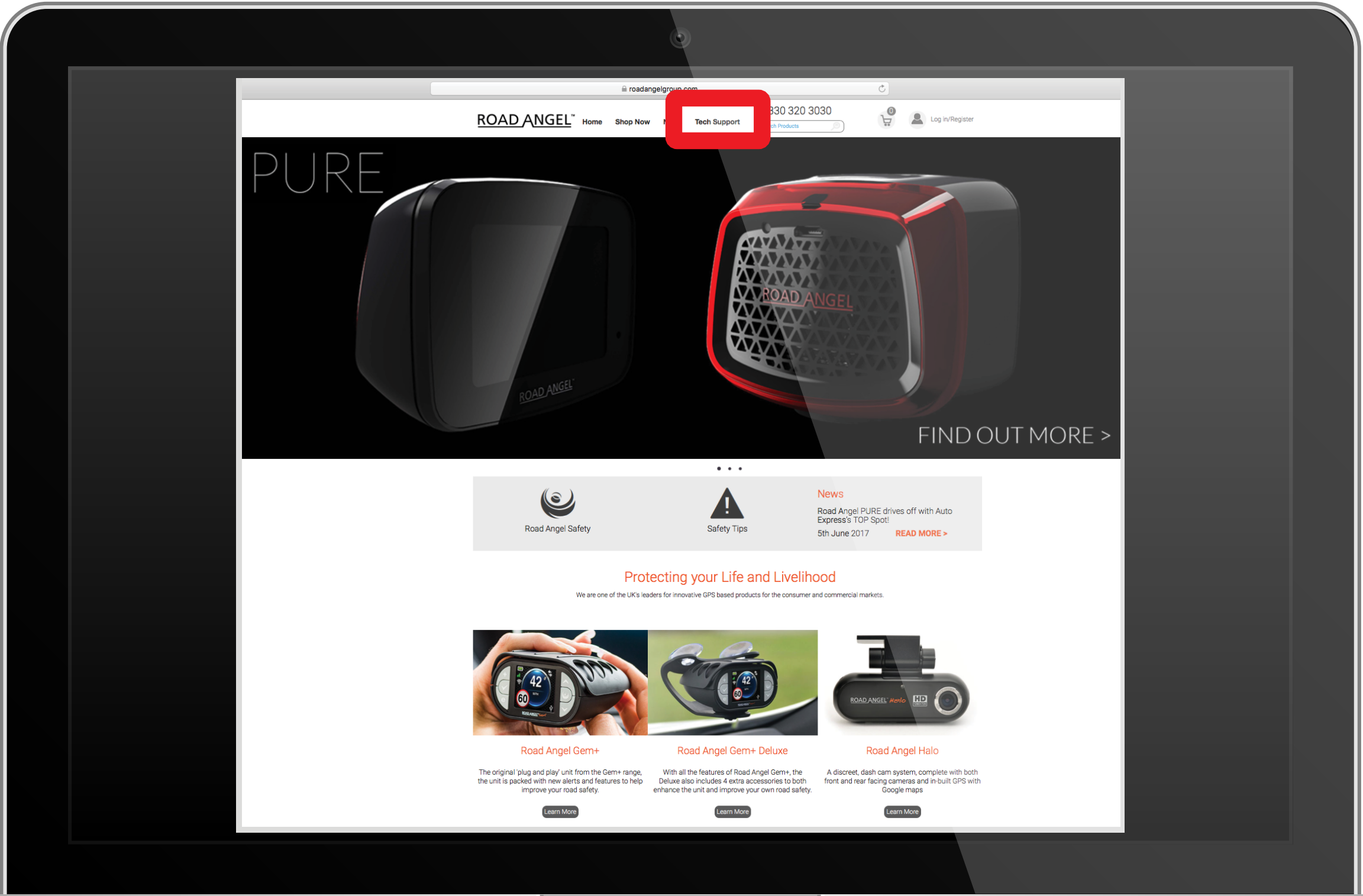


Here are just some of the Display Options settings you can pre-configure from the menu of your Smartphone or Tablet

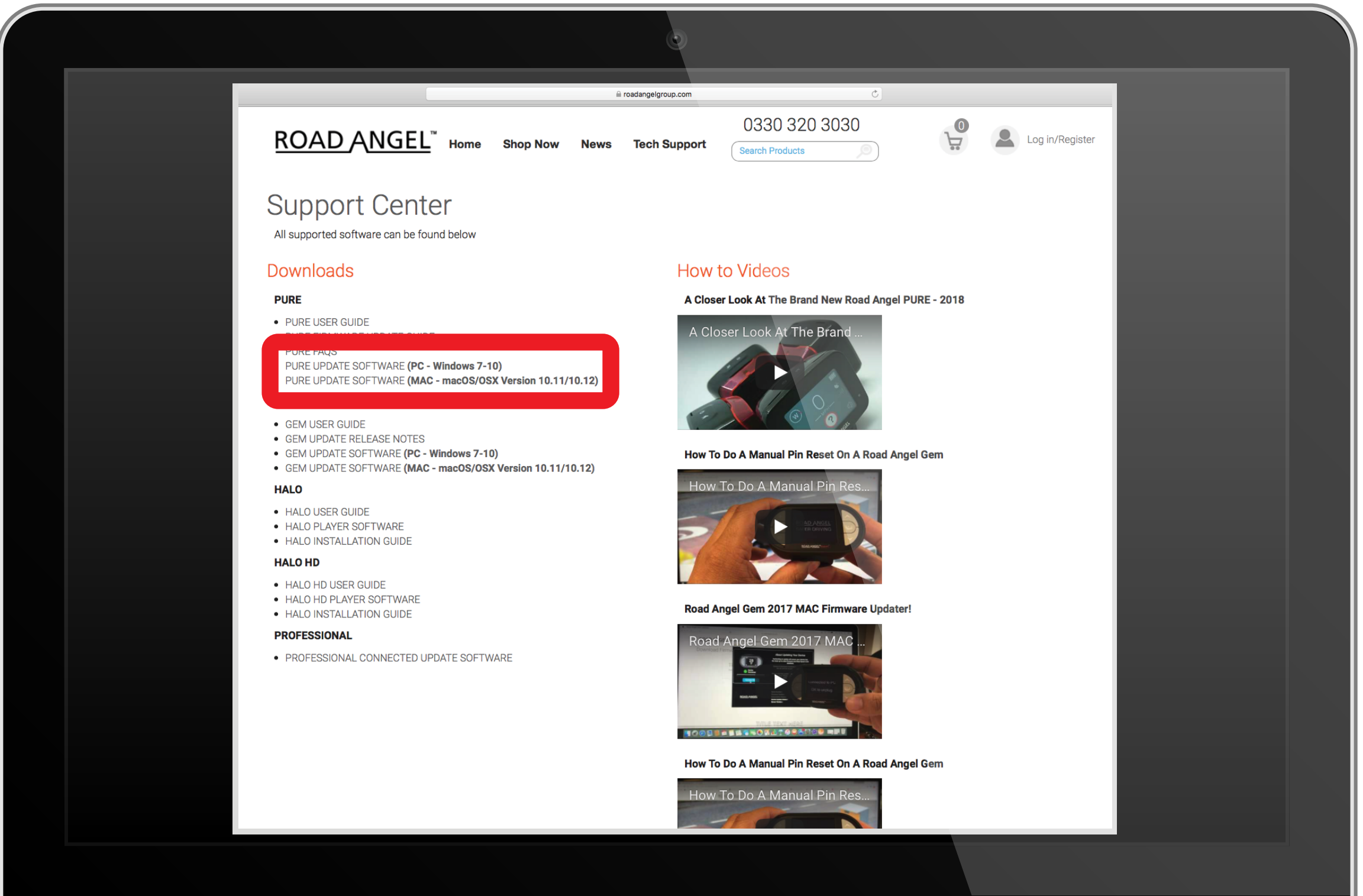
CONFIGURATION FROM MAC OR PC ¹



Please visit our website
roadangelgroup.com and download the
update software for your system from the
Tech. Support page.



1. Click on the Tech support page



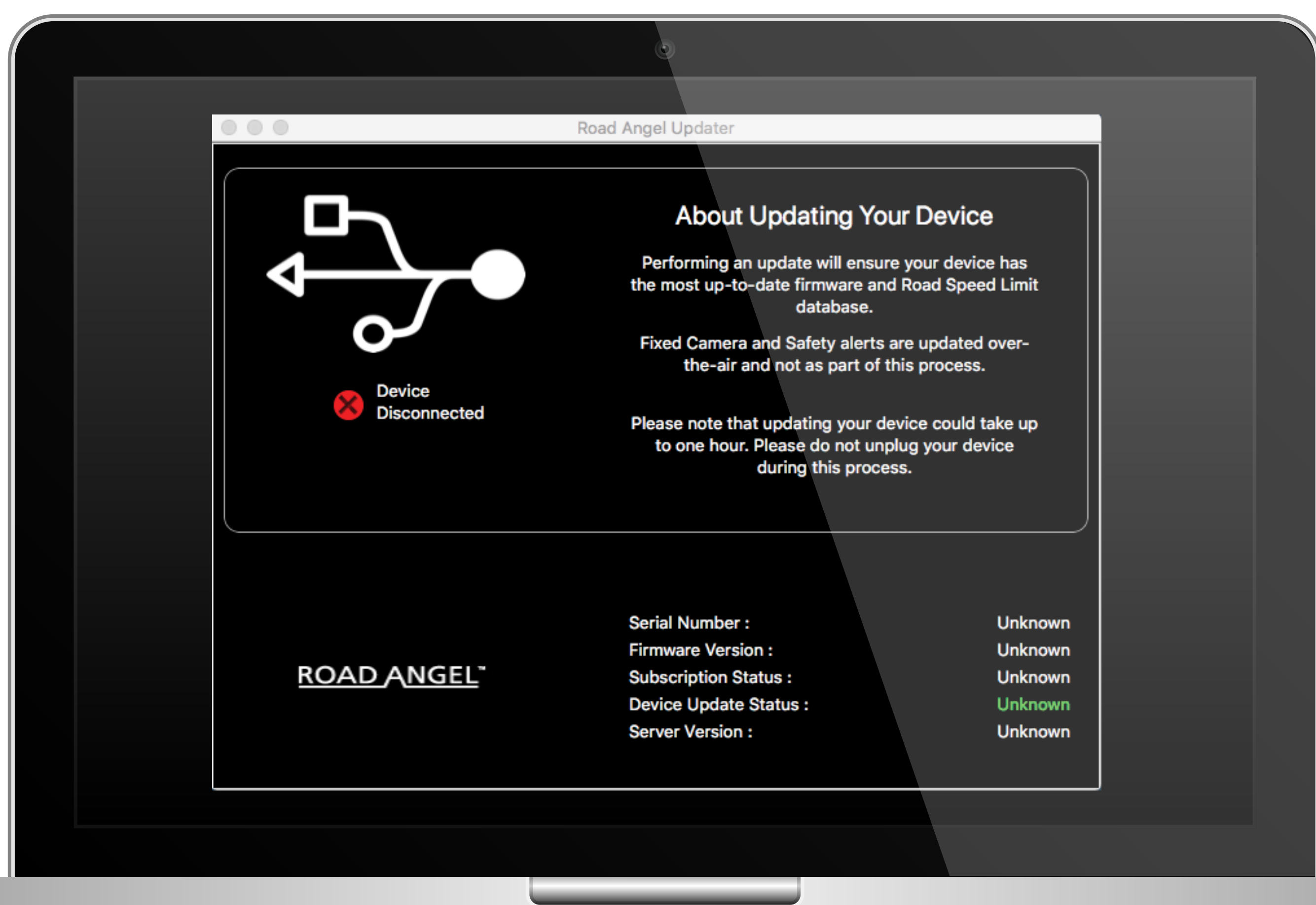
2. Download and install the software.

PURE

CONFIGURATION FROM MAC OR PC ²



Please visit our website
roadangelgroup.com and download the
update software for your system from the
Tech. Support page.

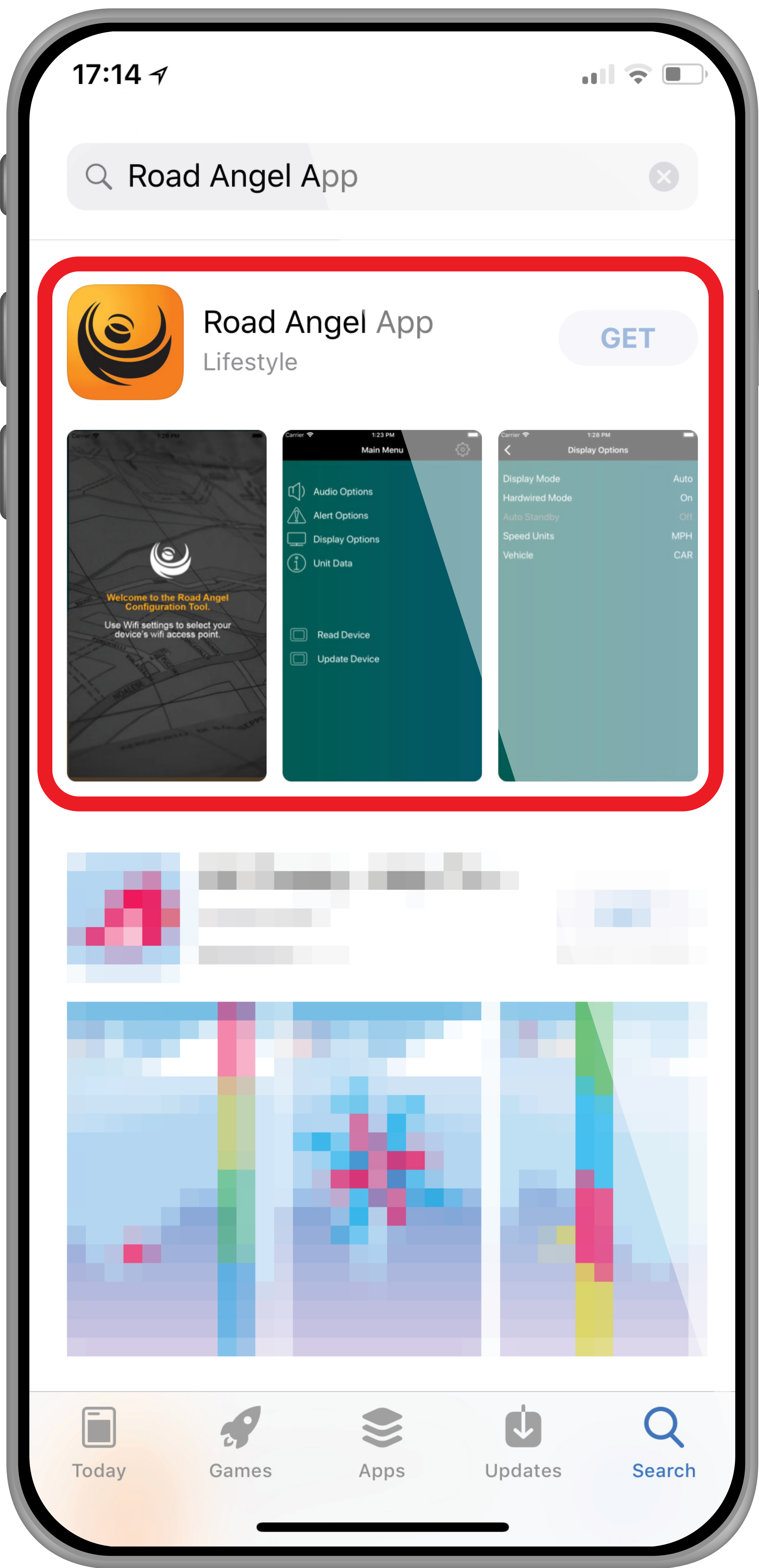


3. Once downloaded, launch the app and follow the on screen instructions.

Please note: On MAC OS the Configure Button is on the menu bar. Please cursor over “Pure” to reveal “Configure” option.

P U R E

CONFIGURATION WITH SMARTPHONE – FULL ¹

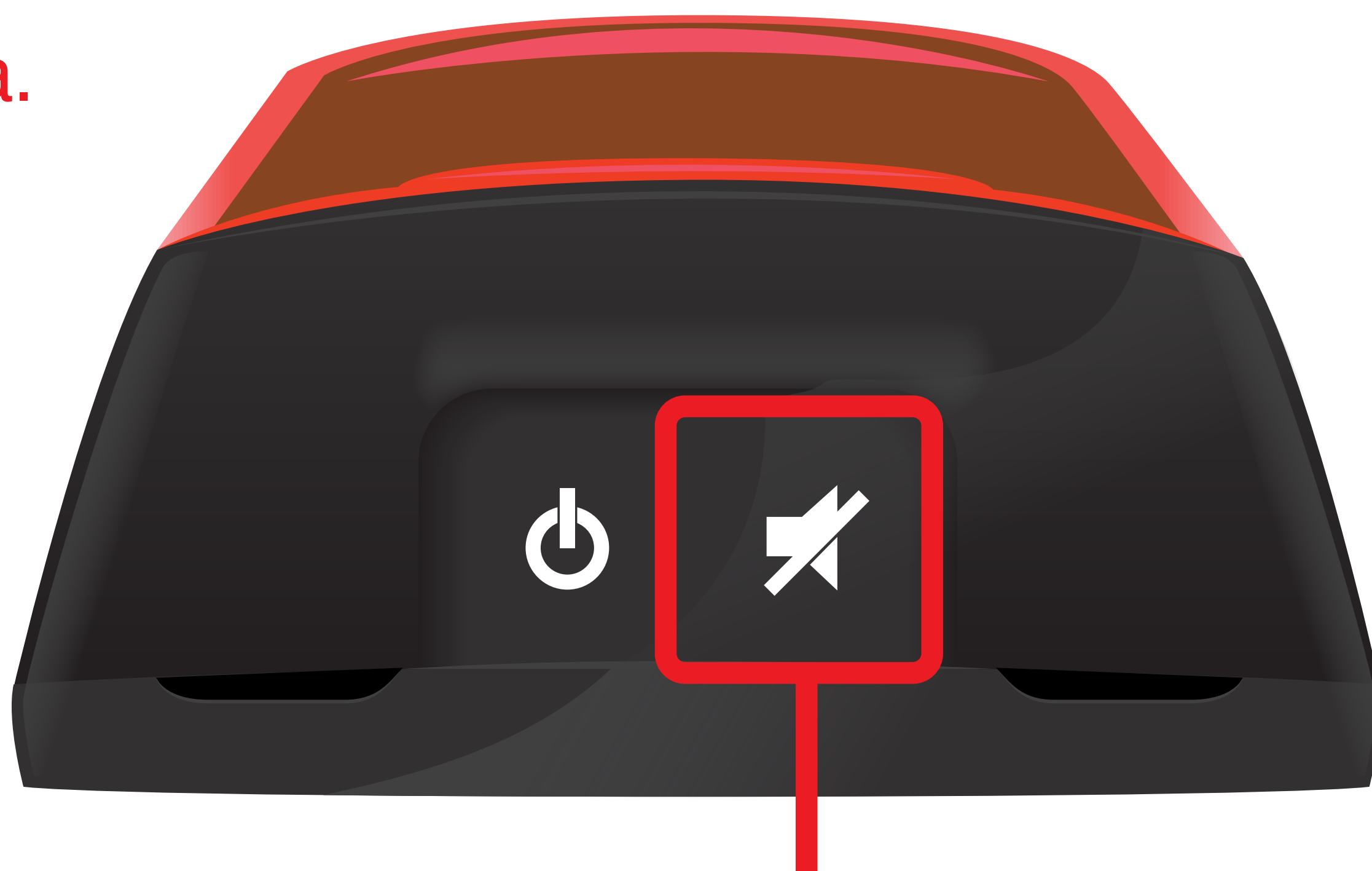


1. Download the ROAD ANGEL™ App from your smartphone's App source.
(e.g. iTunes or Google Play).

CONFIGURATION WITH SMARTPHONE – FULL ²



2a.



Press & Hold

2b.



2. Press and hold the speaker button on the top of the ROAD ANGEL™ PURE. The unit will then go through the process of going into Wifi mode (See next page).

PURE

CONFIGURATION WITH SMARTPHONE – FULL ³



2c.

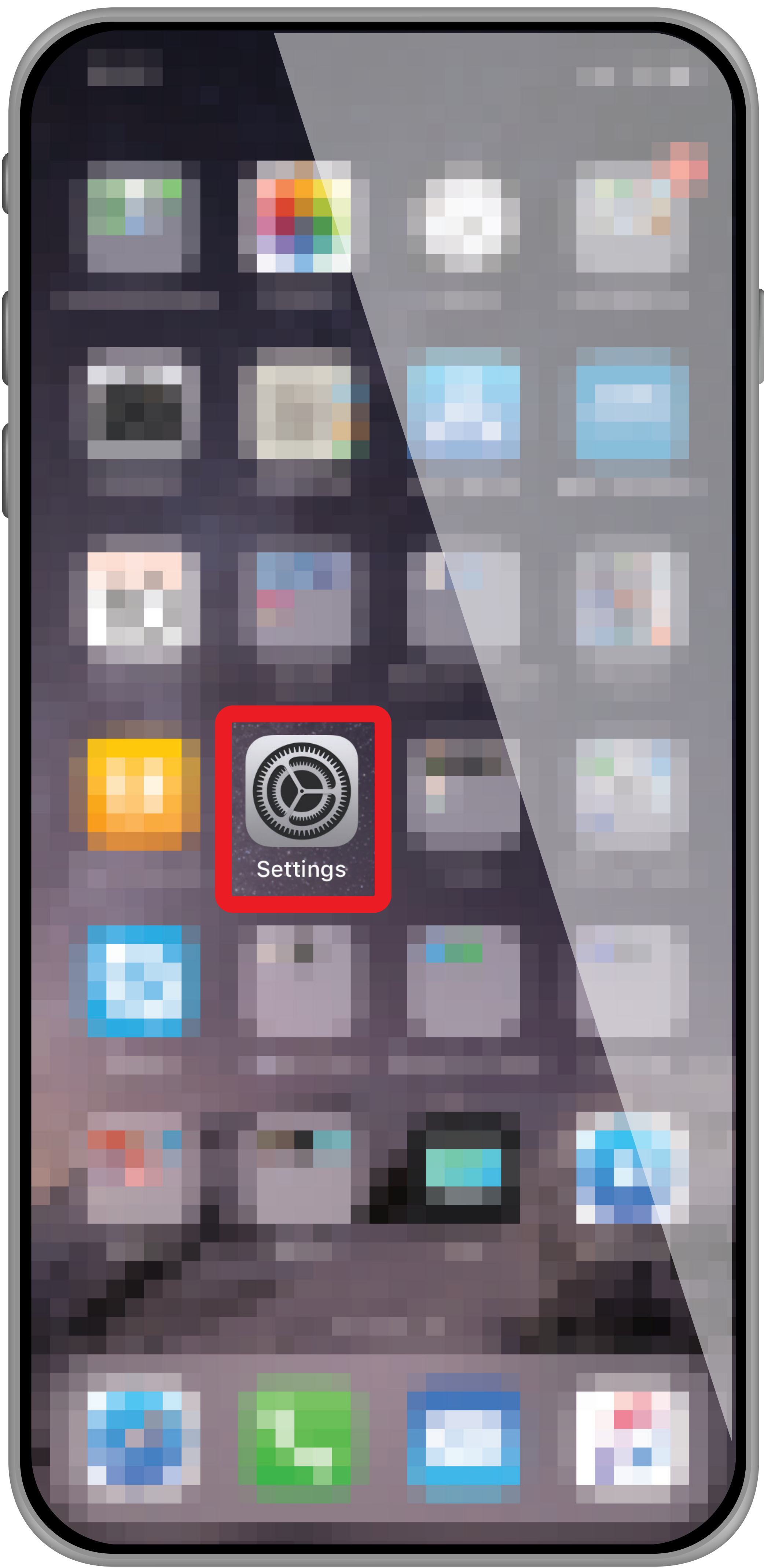


2d.



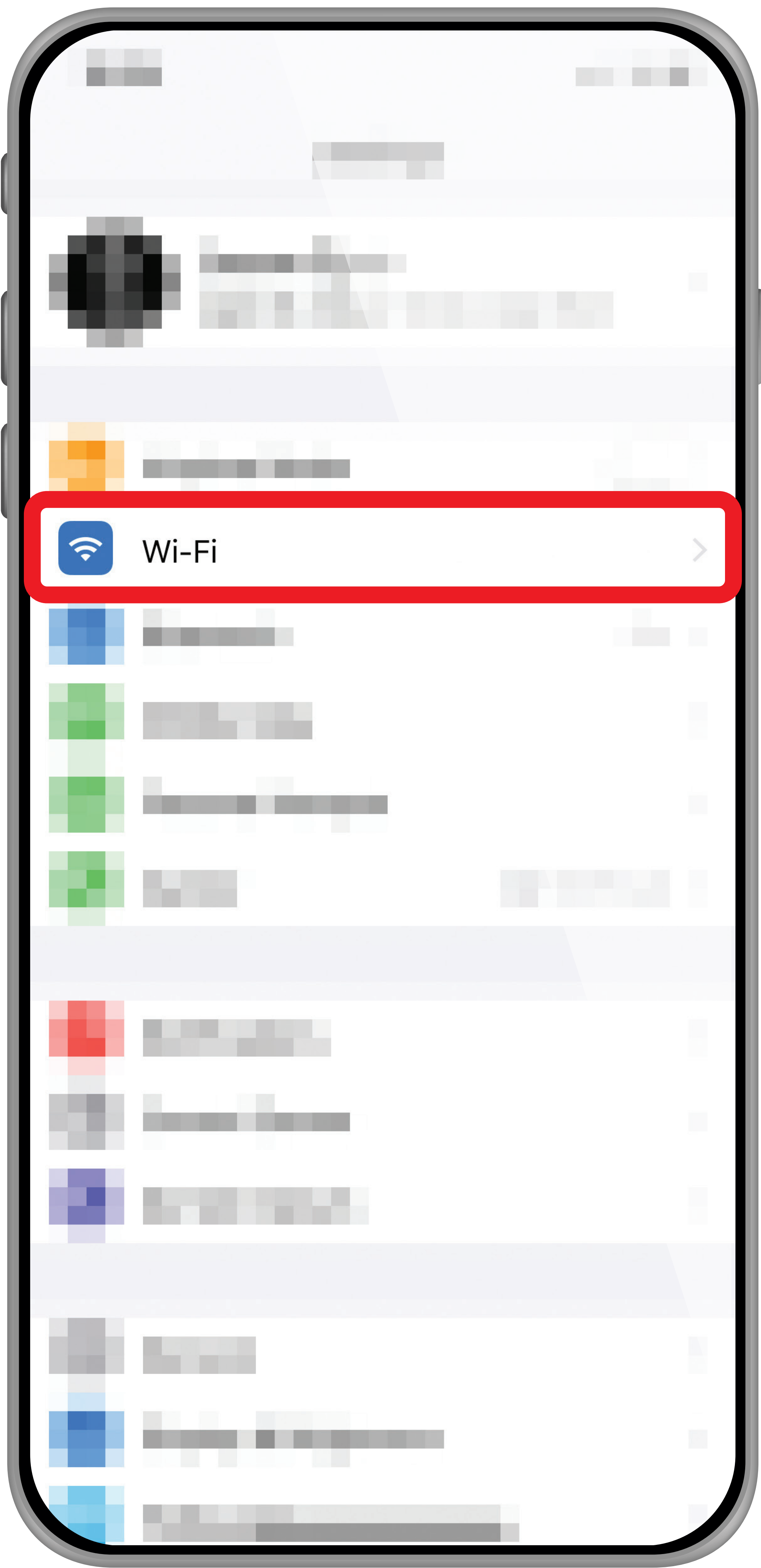
3. The ROAD ANGEL™ PURE is now ready to connect.

PURE



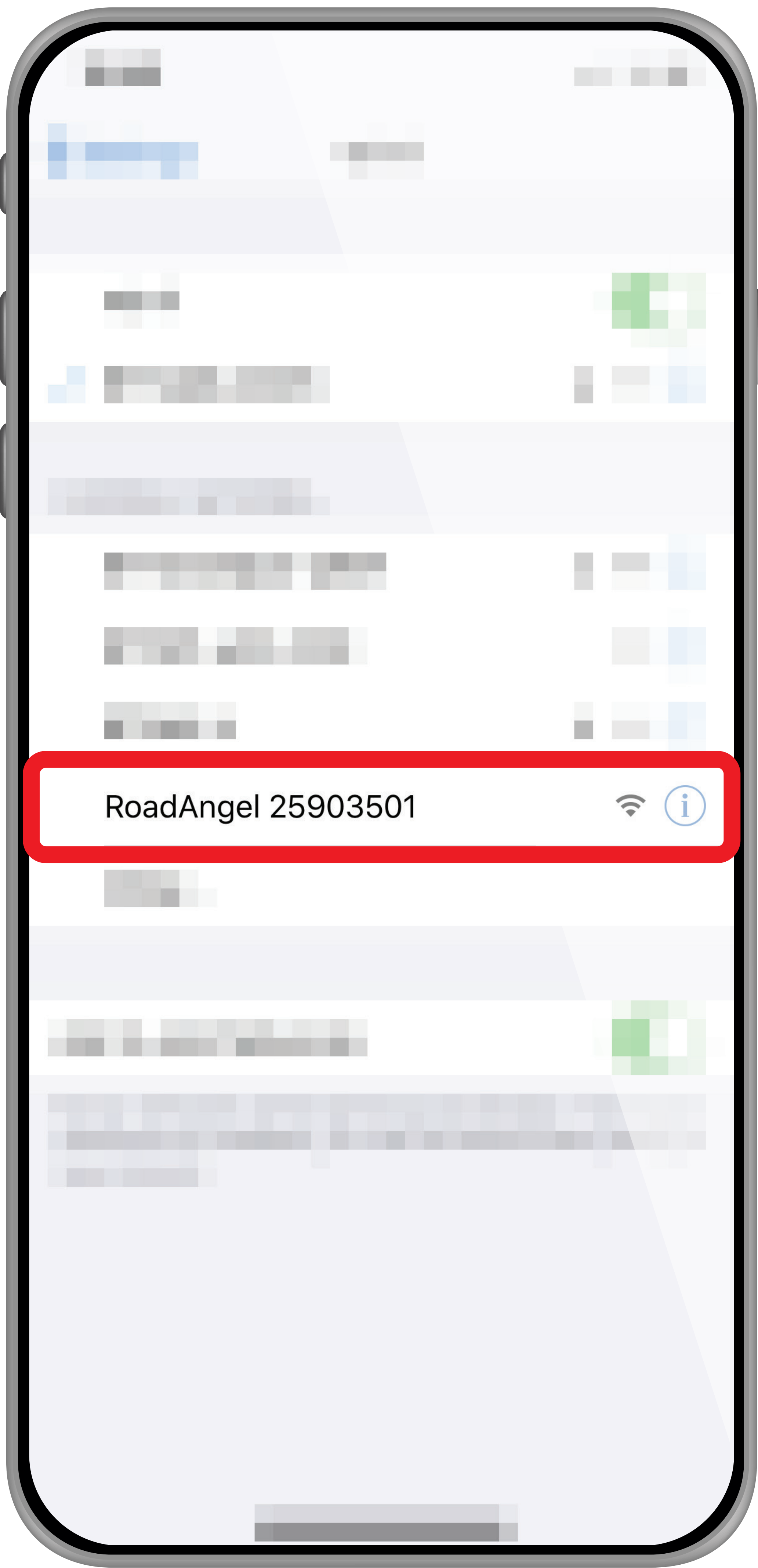
4. On your Smartphone, go to the Settings menu.

CONFIGURATION WITH SMARTPHONE – FULL ⁵



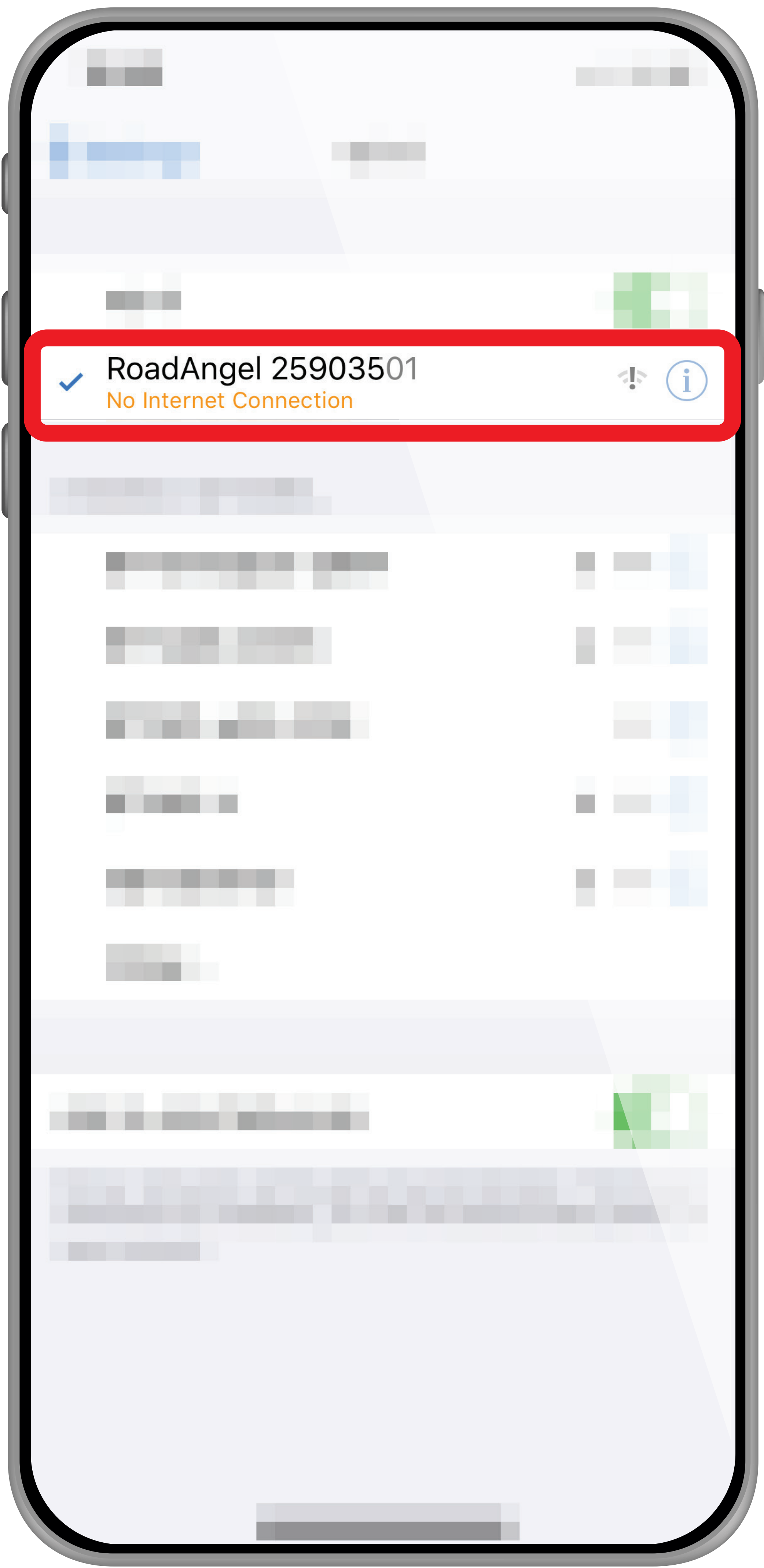
5. On your Smartphone, select. Wifi and make sure it's enabled.

CONFIGURATION WITH SMARTPHONE – FULL ⁶



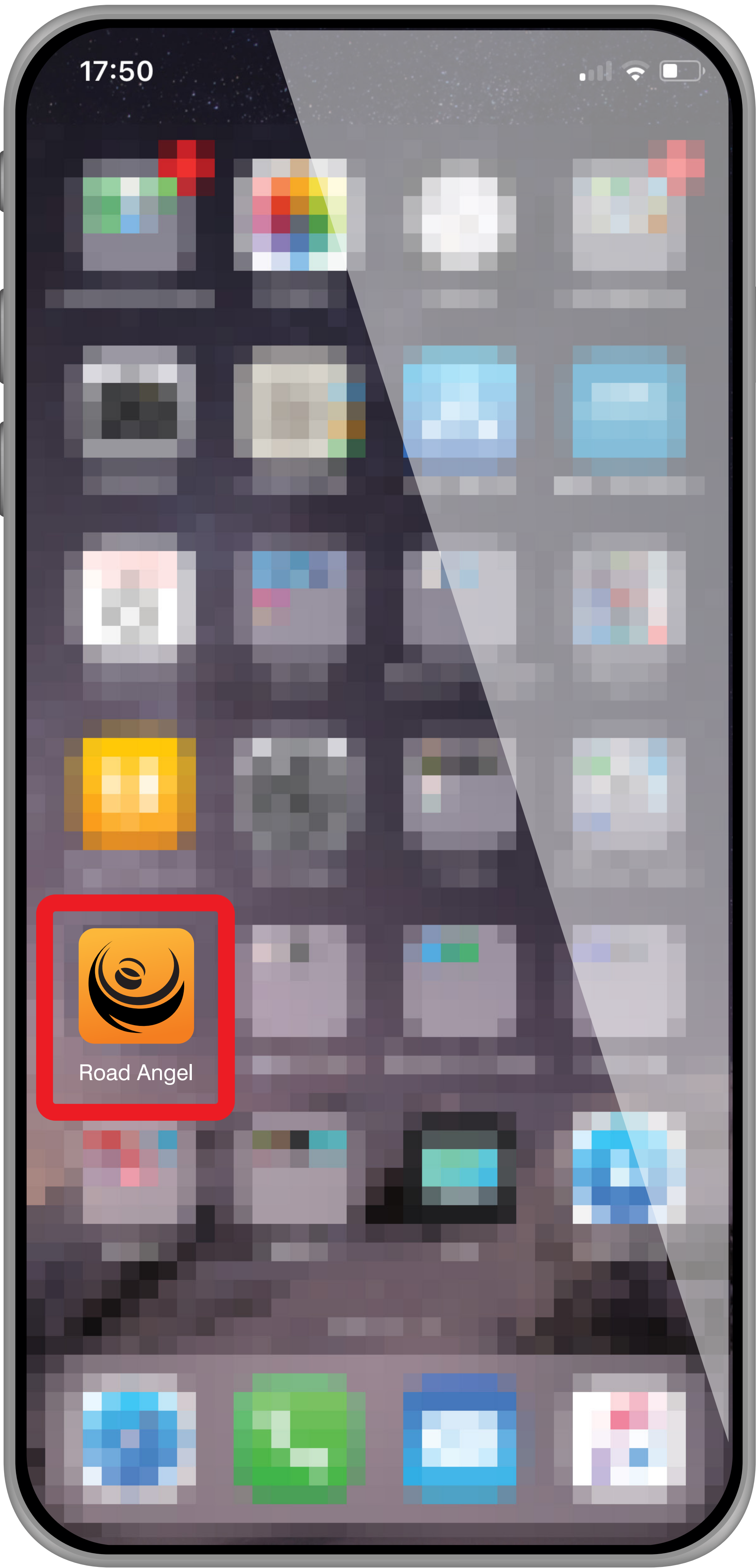
6. Look for the ROAD ANGEL™ and select it to connect to it.

CONFIGURATION WITH SMARTPHONE – FULL ⁷

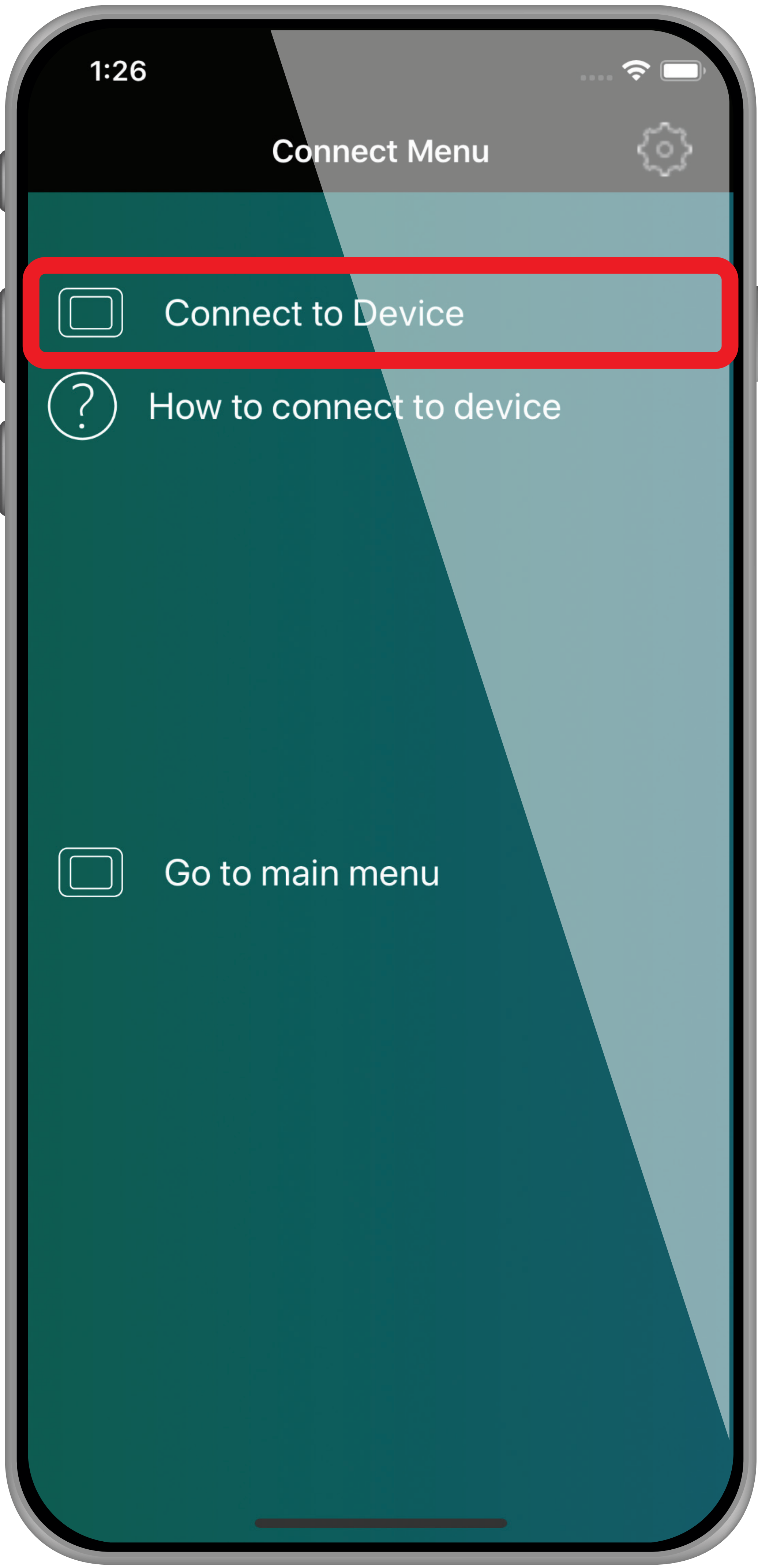


7. Once connected it will state that there is no internet connection.

CONFIGURATION WITH SMARTPHONE – FULL ⁸

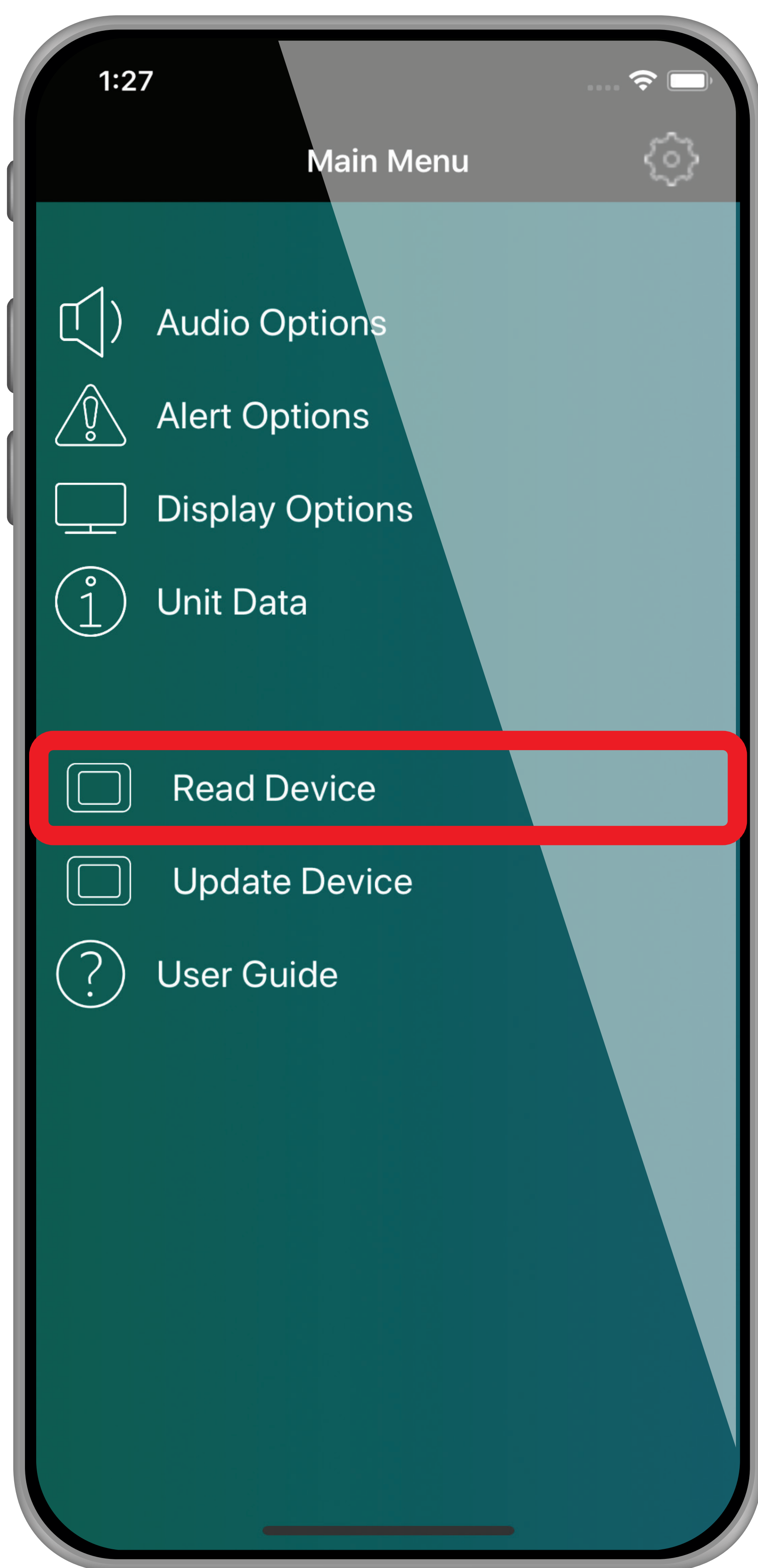


8. Open the ROAD ANGEL™ app on your Smartphone or Tablet.

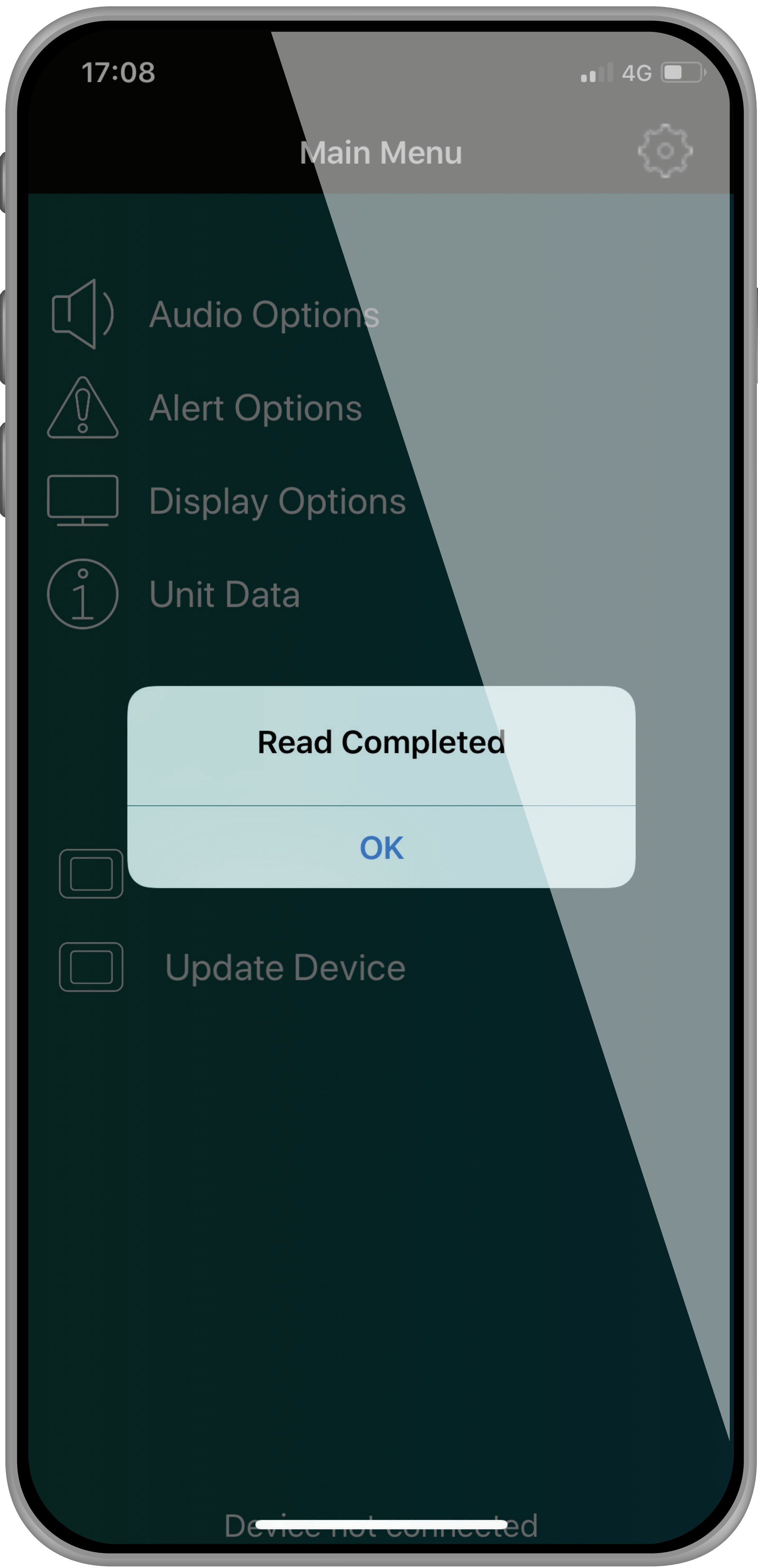


9. This will take you to the Connect Menu of the app.

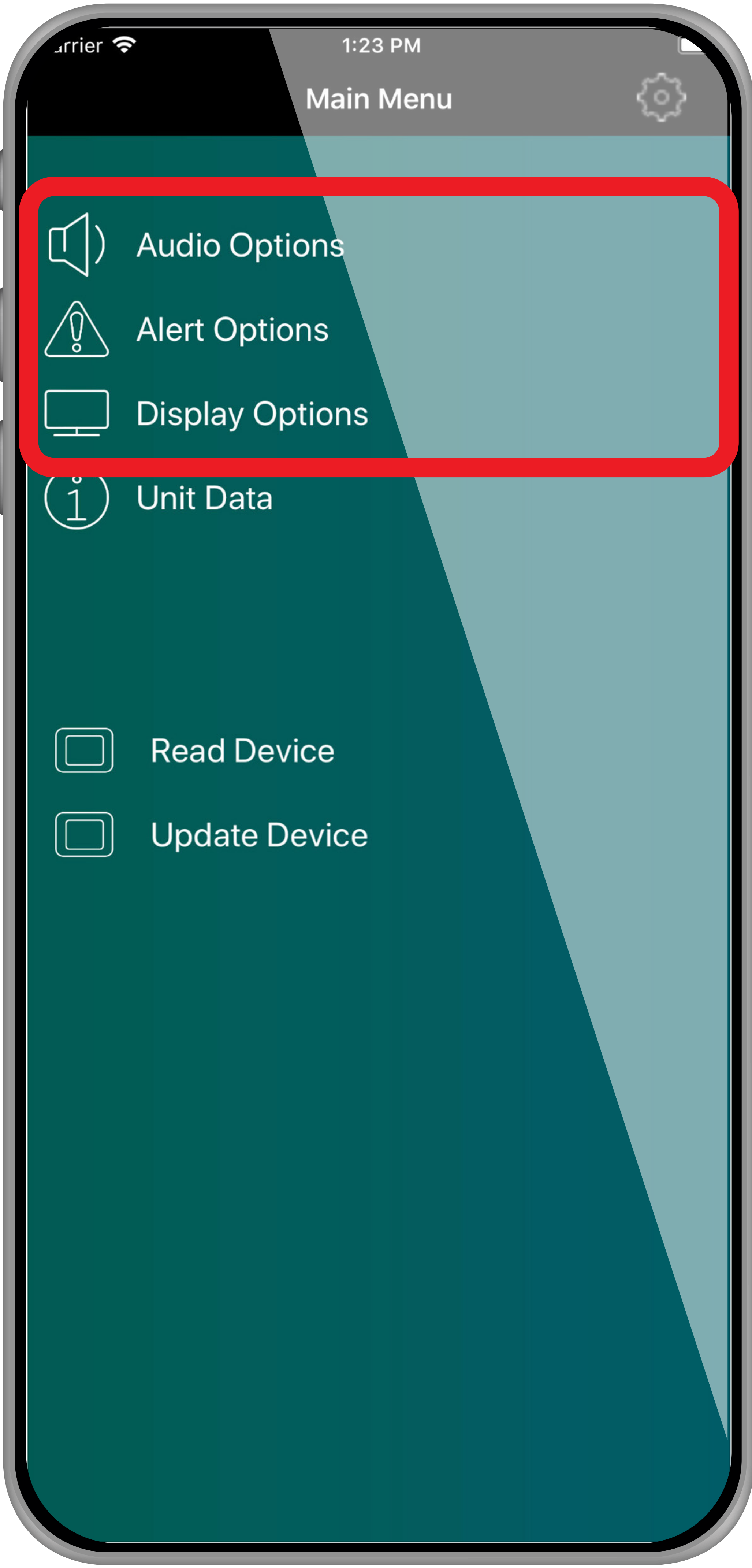
Now you can see the initial configuration menu where you can read and customise the ROAD ANGEL™ PURE settings. Remember to save these changes by updating the device at the end. More on the options changes in the coming pages.



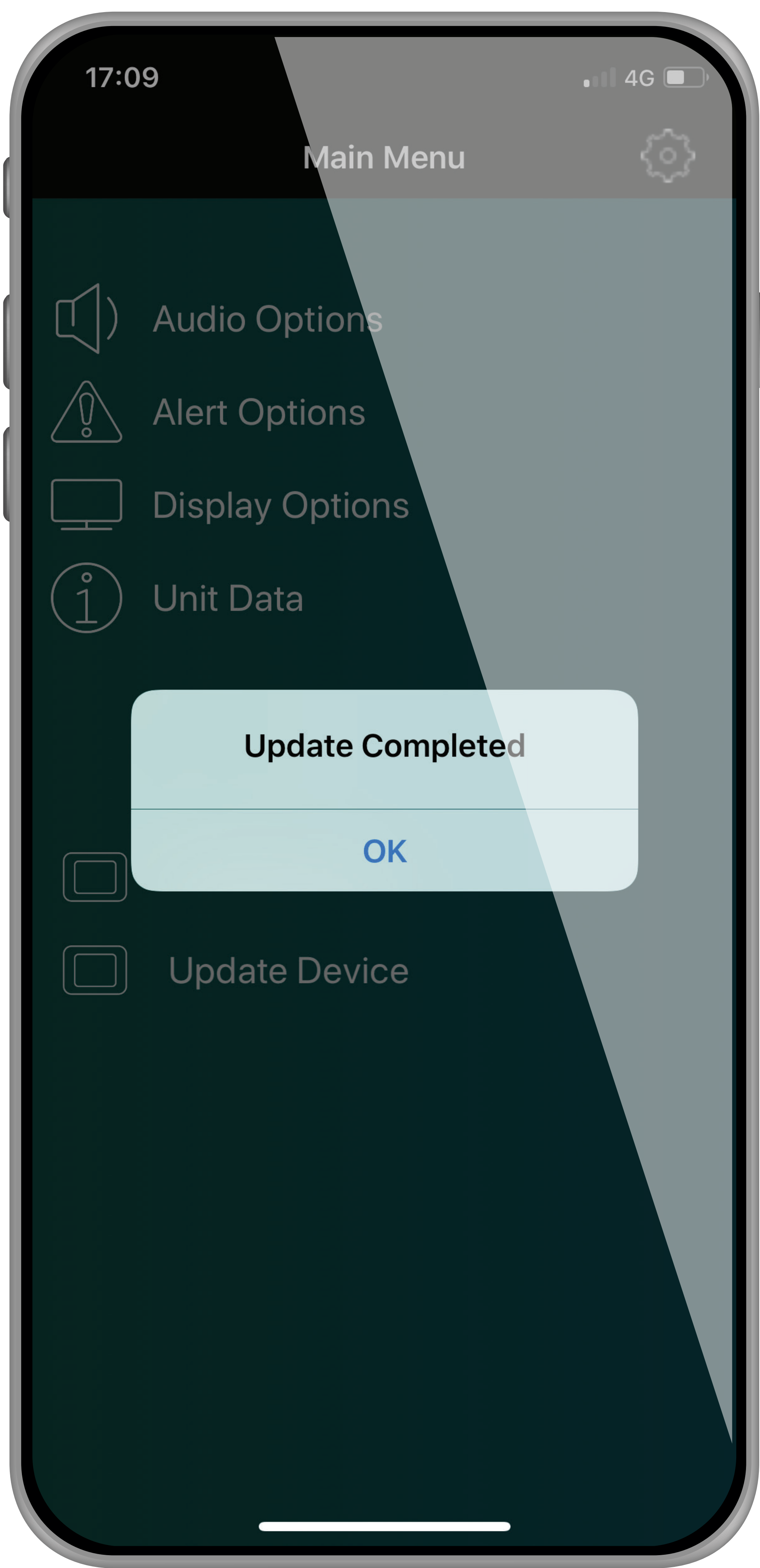
11. First we need to 'READ' the current settings by touching the above.



11. An alert will be sent to your Smartphone once the ROAD ANGEL™ has been read.



13. Then run through and amend the available options to your preference.



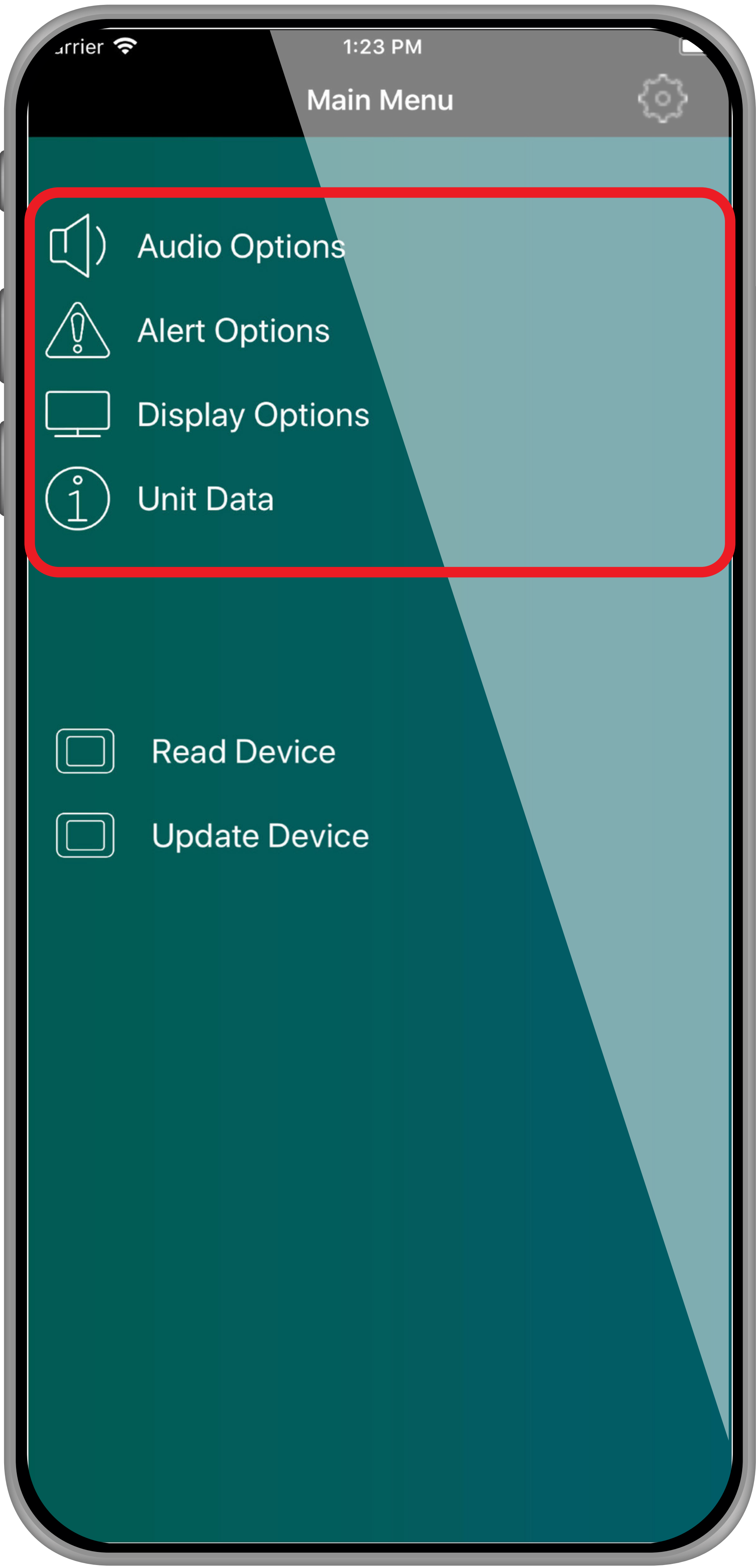
14. Finally update the device settings to ensure your changes are saved.

The new settings will be written to the device once the ROAD ANGEL™ PURE'S WiFi is switched off.

CONFIGURATION WITH SMARTPHONE – FULL ¹⁵



A closer look into the 4 options available
via the Mobile app.

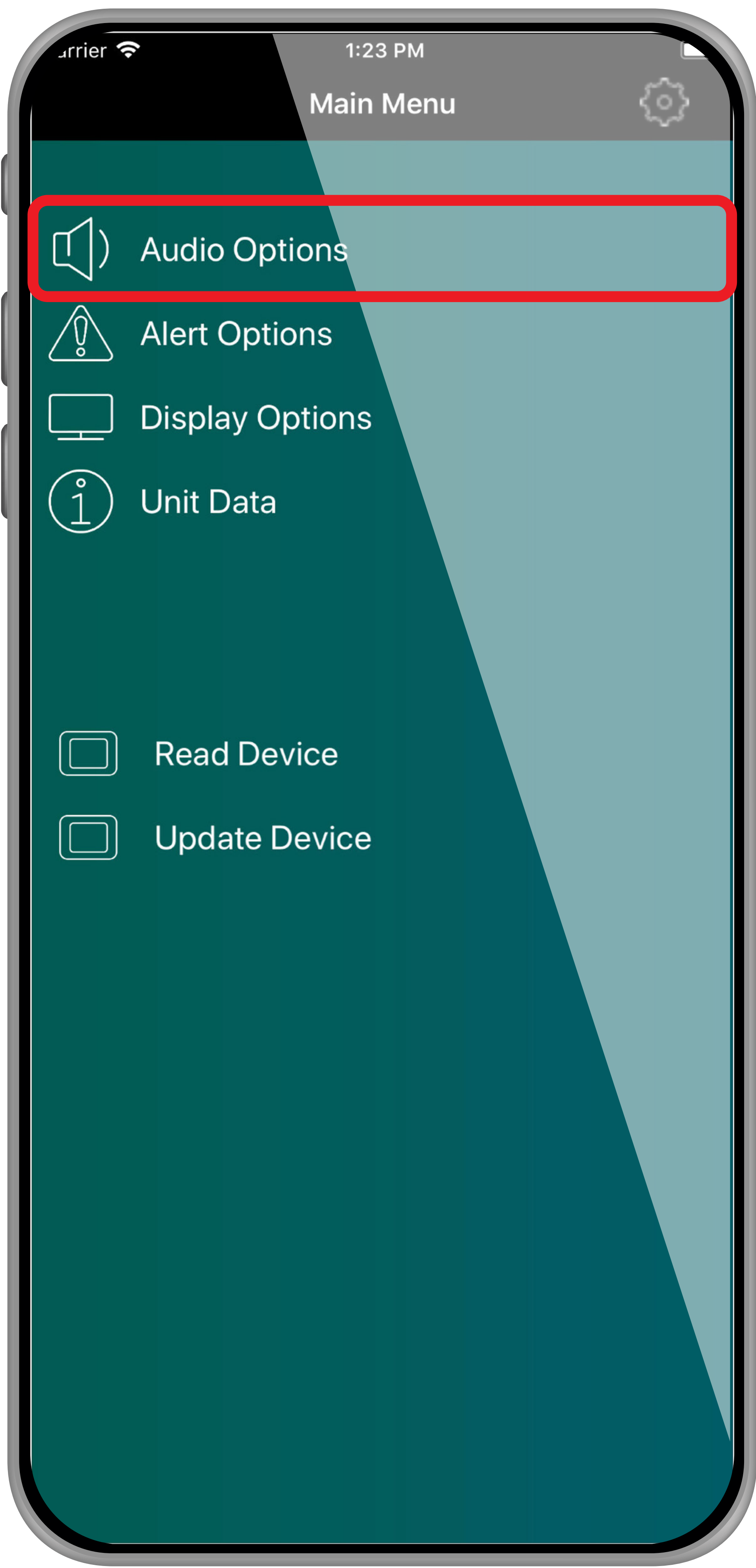


1. On the Main Menu screen in the ROAD ANGEL™ app you will see the 4 custom viewing options.

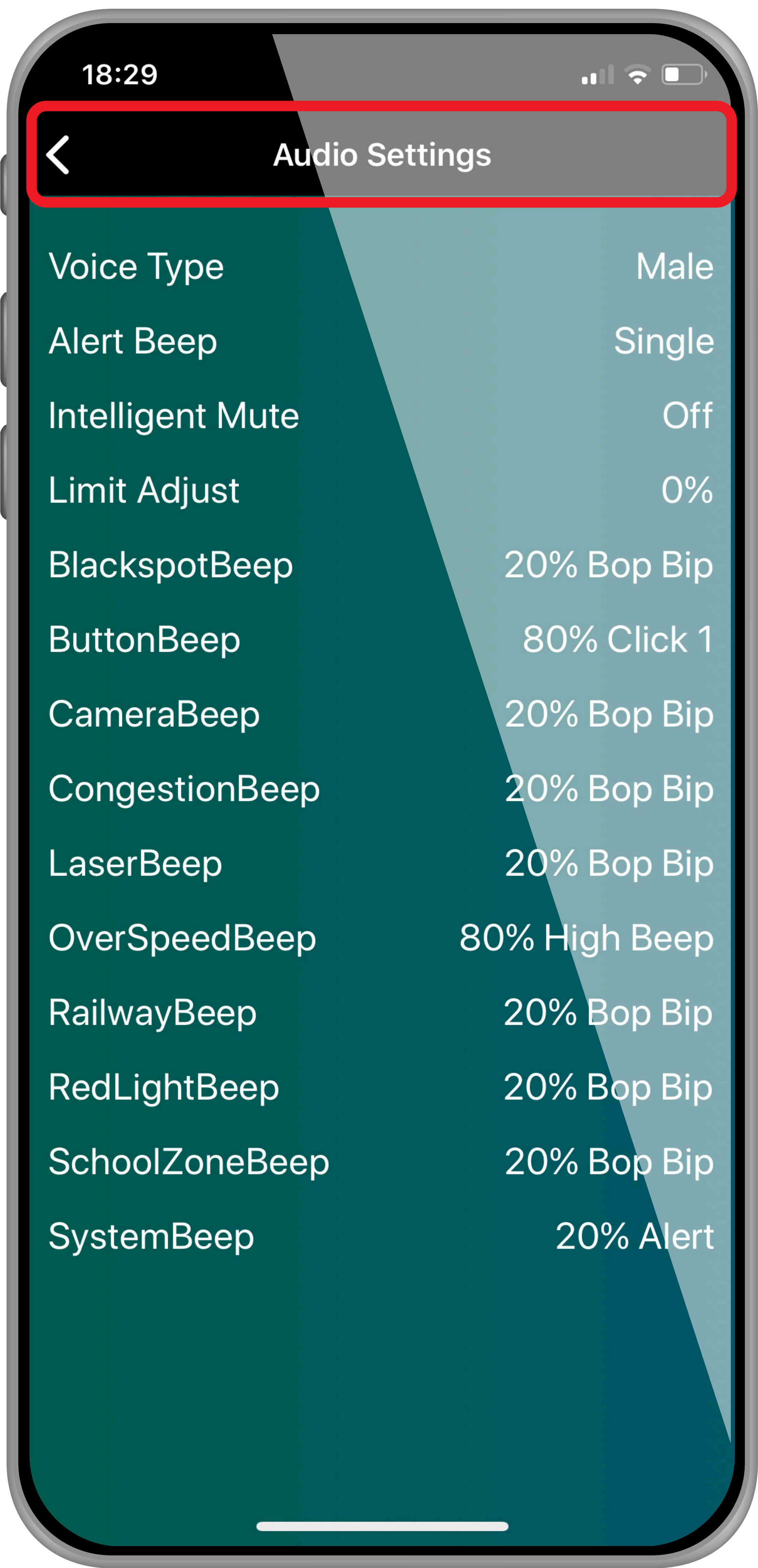


AUDIO OPTIONS

Here you can select the voice type and volume settings, as well as the alert tone associated with each events. You can also listen to the tones by using the ‘play’ option.



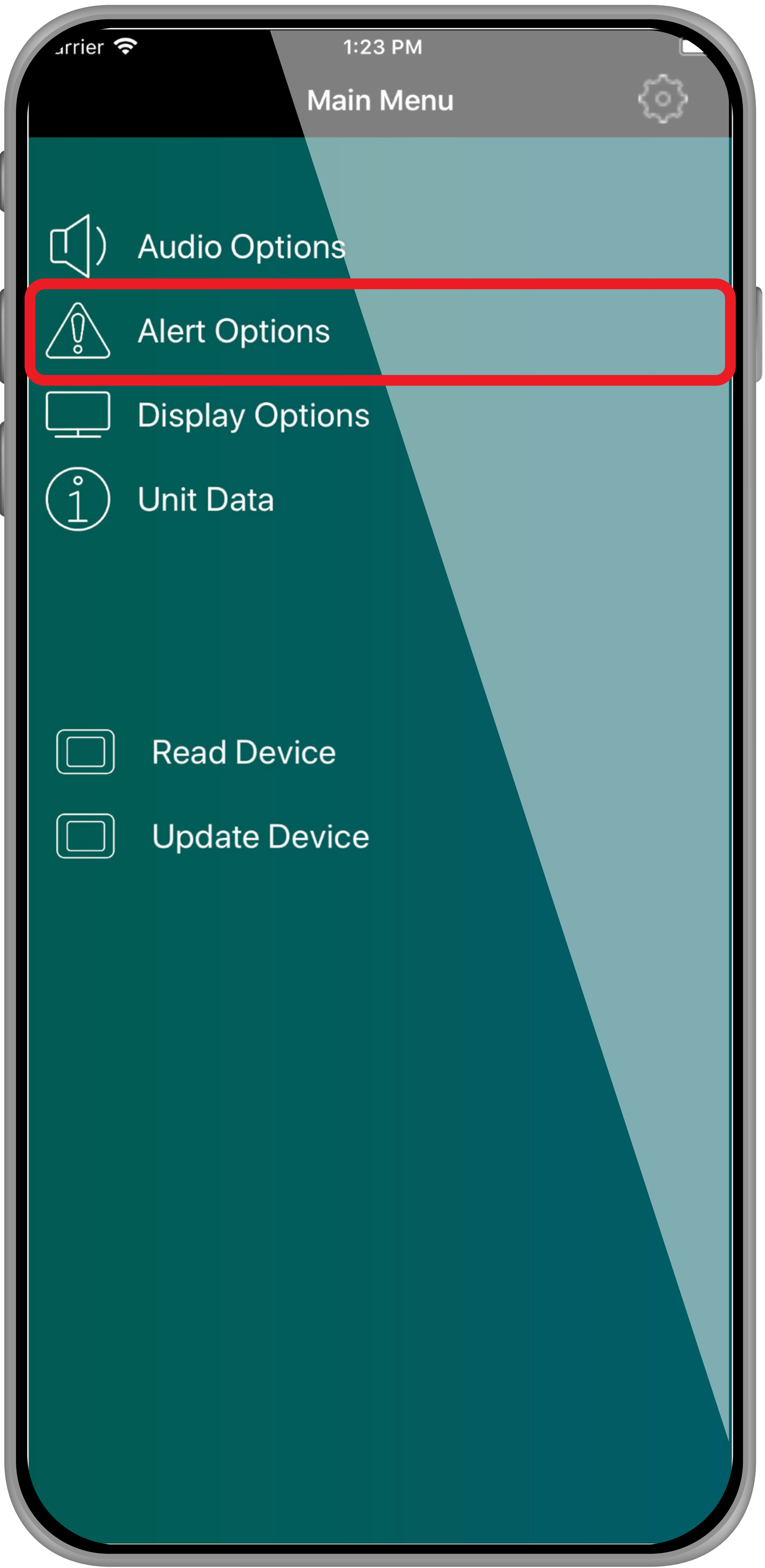
2. Audio options.



3. Run through the audio settings and adjust accordingly to your preferences.



ALERT OPTIONS



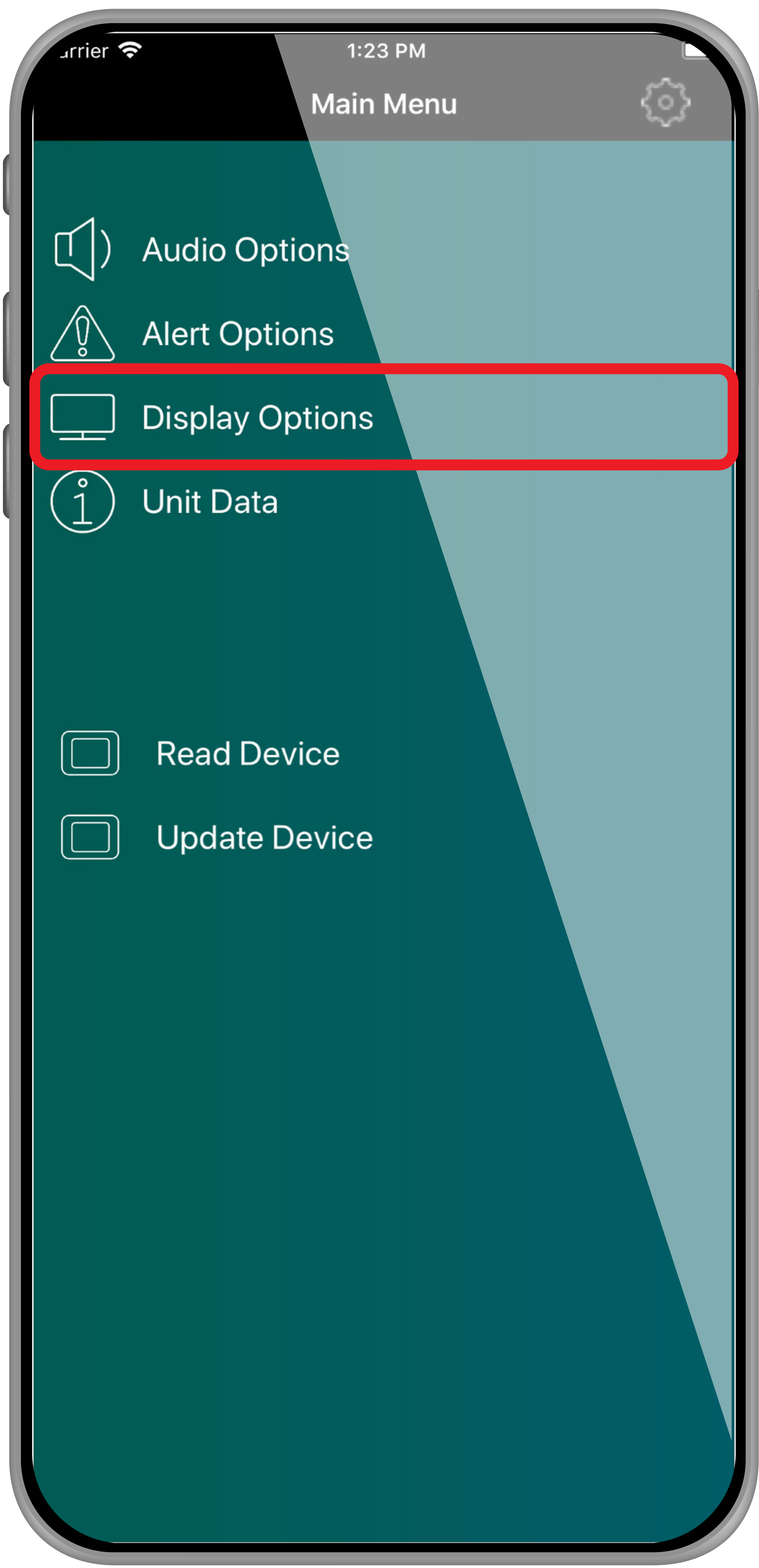
1. Alert options.



2. Run through the alert options and adjust accordingly to your preferences.

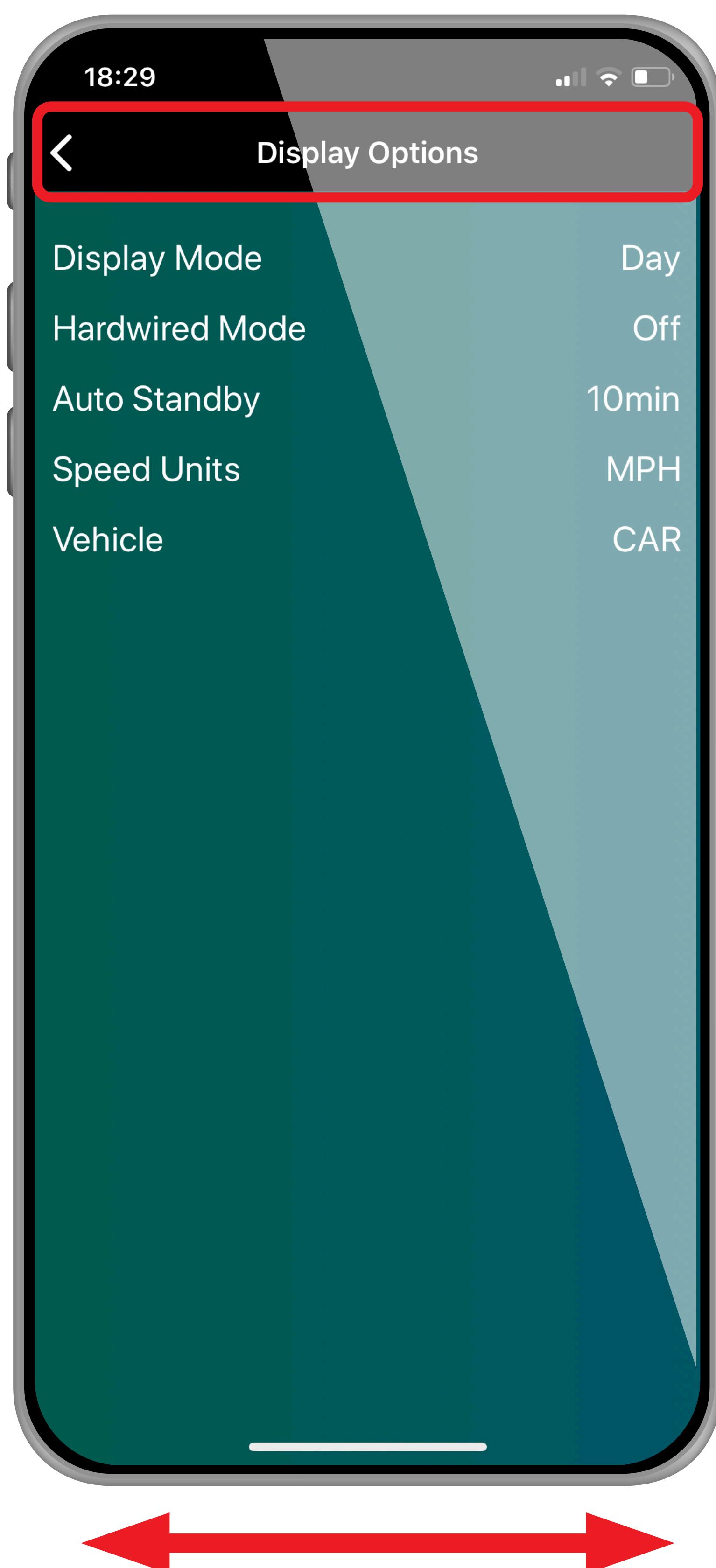


DISPLAY OPTIONS



1. Display options.

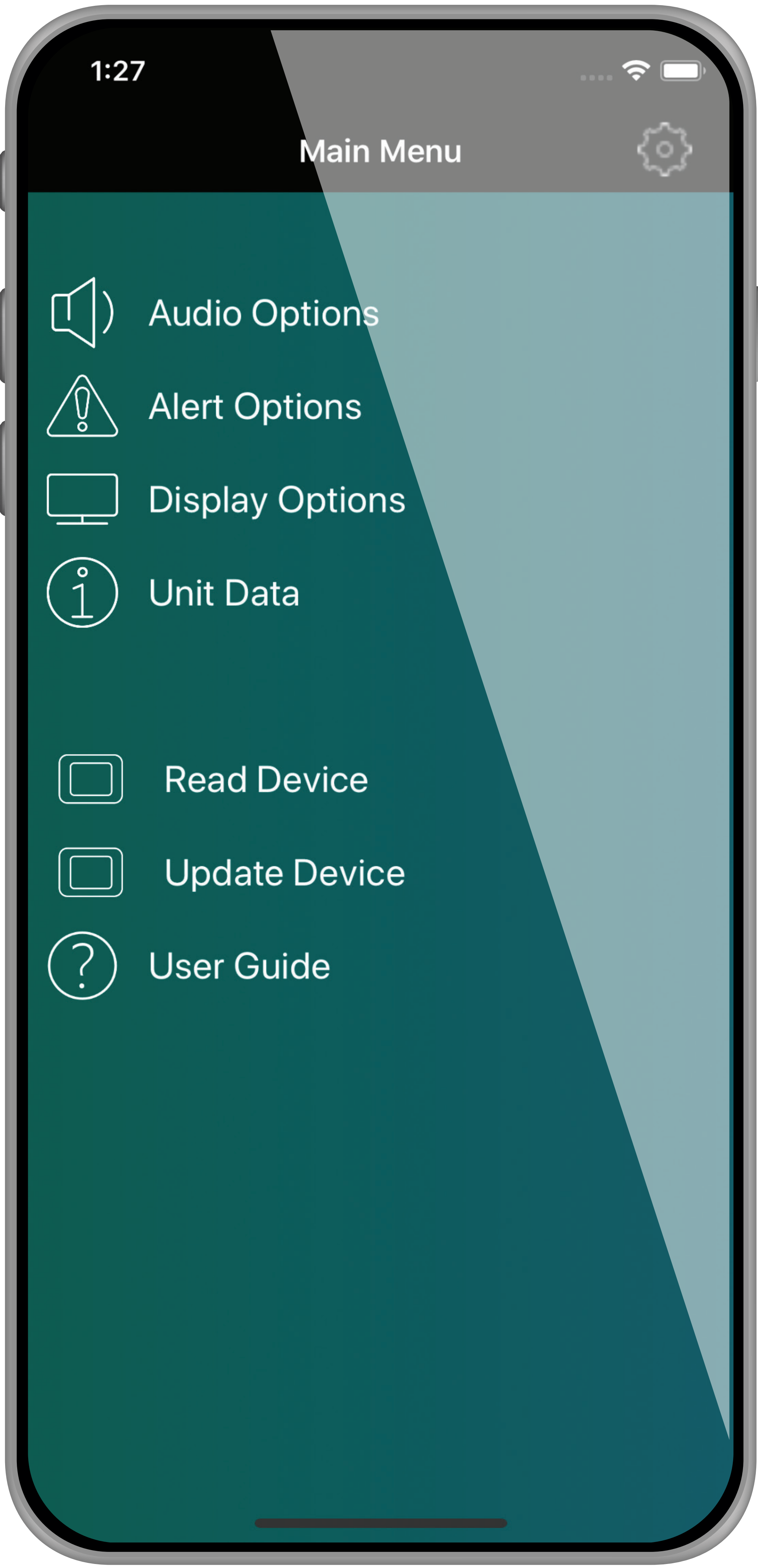
CONFIGURATION WITH SMARTPHONE – FULL ²¹



2. Run through the display options and adjust accordingly to your preferences and vehicle.

Hardwired Mode: Most users will be usually run the ROAD ANGEL™ PURE from the supplied cable to their cigarette lighter or any USB port your vehicle may have, but it is, of course, possible to arrange to have the device “hardwired” directly to your car’s wiring loom. In this case you would need to switch Hardwired Mode to ‘On’ and Auto Standby to ‘Off’.

PURE

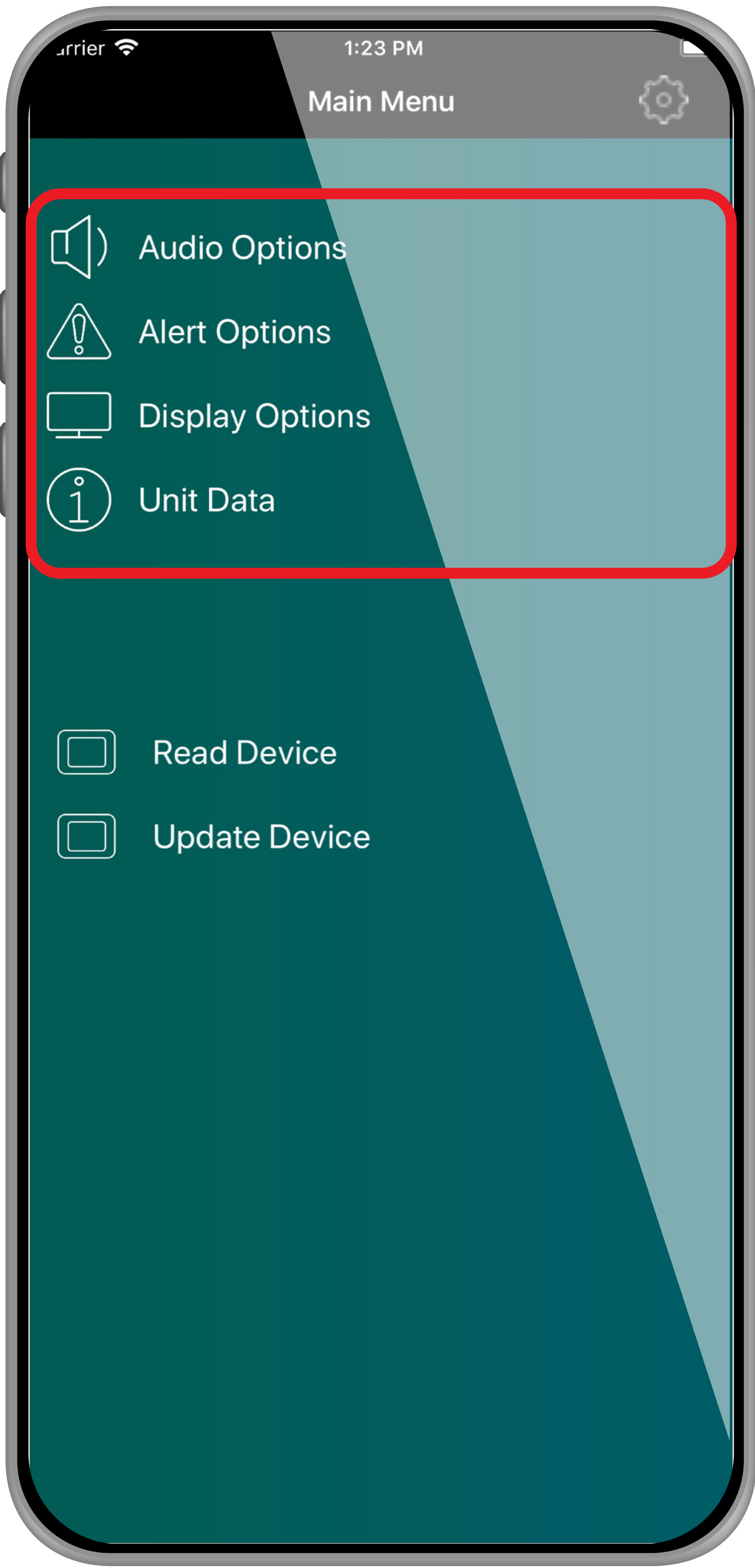


10. Once connected to the device you will be taken to the Main Menu of the app.



UNIT DATA

Displays the following information about your device, including the subscription date.
(which would normally show the expiry date).



1. Unit Data

CONFIGURATION WITH SMARTPHONE – FULL ²³

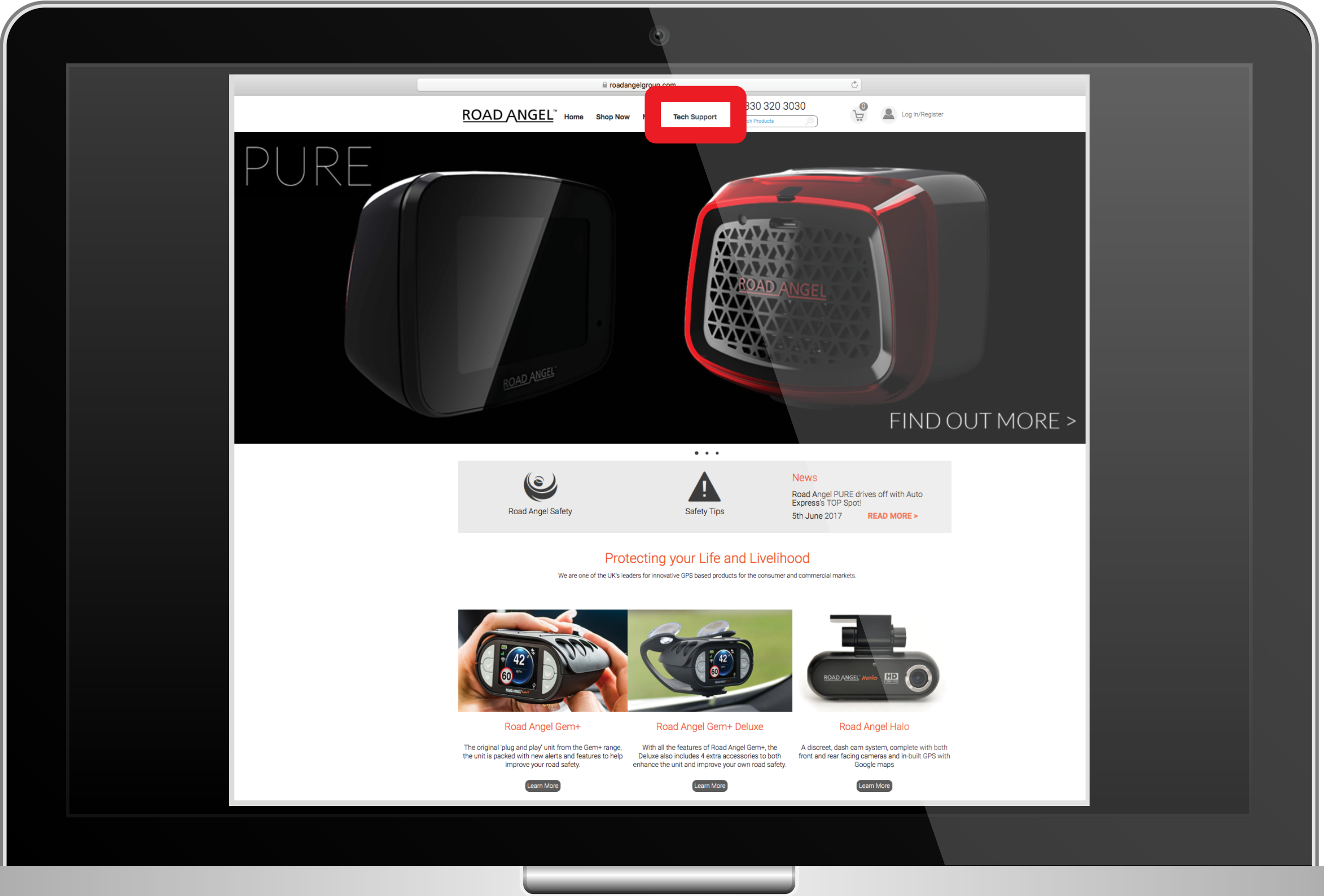


2. the ROAD ANGEL™ PURE'S WiFi is switched off.

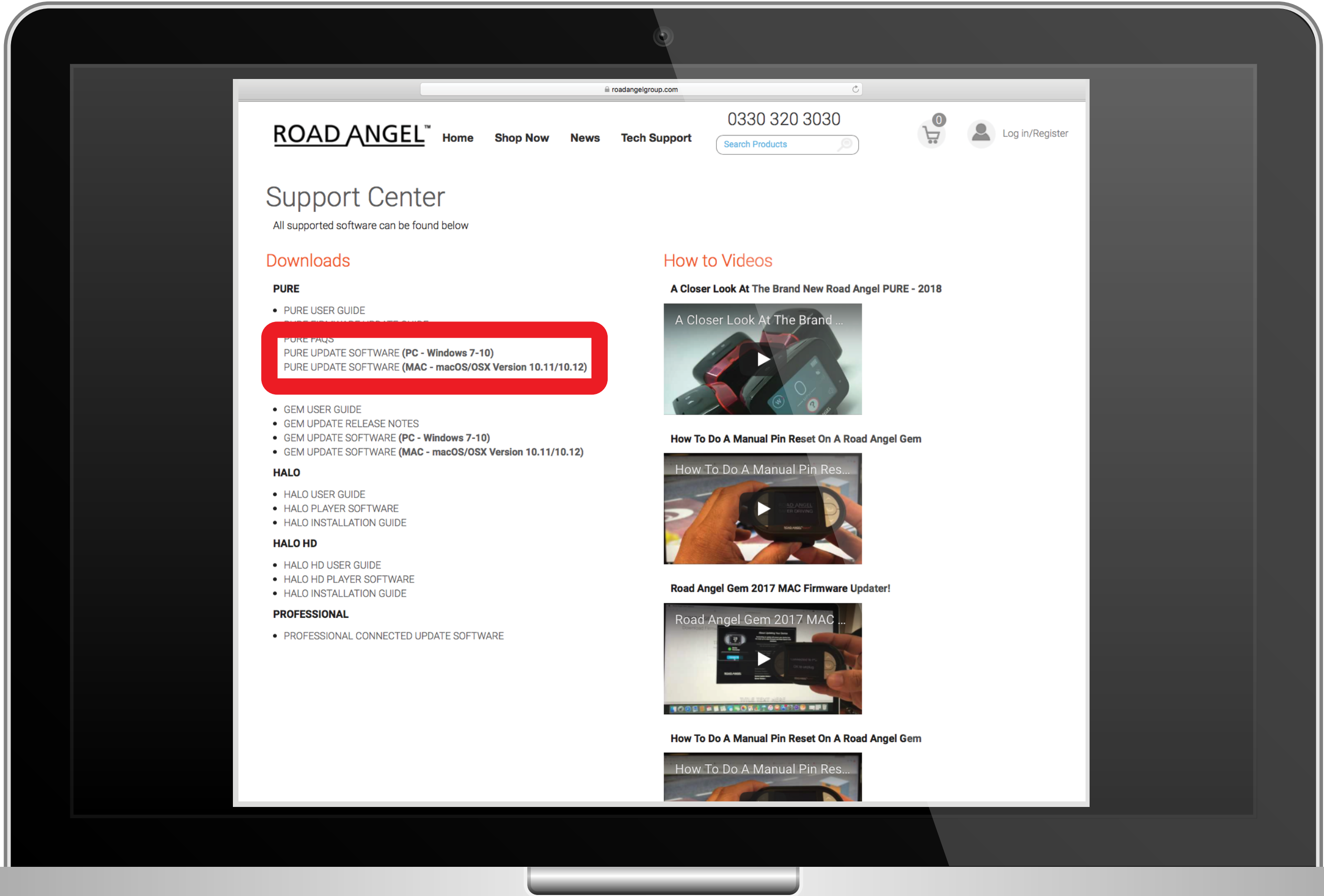
CONFIGURATION FROM MAC OR PC – FULL ¹



Download and install the ROAD ANGEL™ PURE
Update Software from our website
www.roadangelgroup.com Tech Support page.



1. Click on the Tech Support page



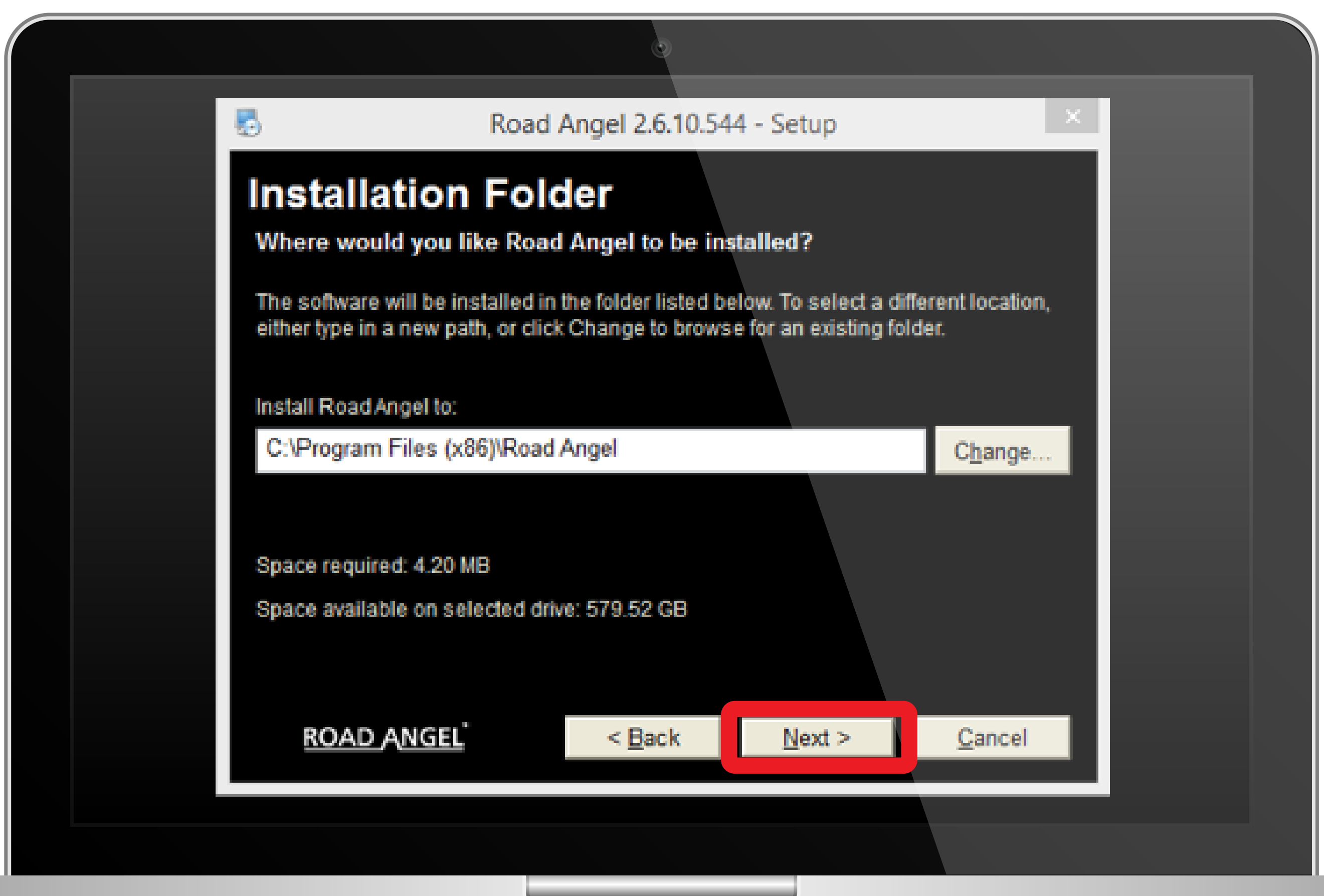
2. Download and install the software.

PURE

CONFIGURATION FROM MAC OR PC – FULL ²



3. Install the software on your PC by running the .exe file and on a mac by opening the zip file and click on the ROAD ANGEL™ Updater icon.



4. Select your preferred installation location and then click Next or simply click Next if you are happy with the location automatically selected.

CONFIGURATION FROM MAC OR PC – FULL ³

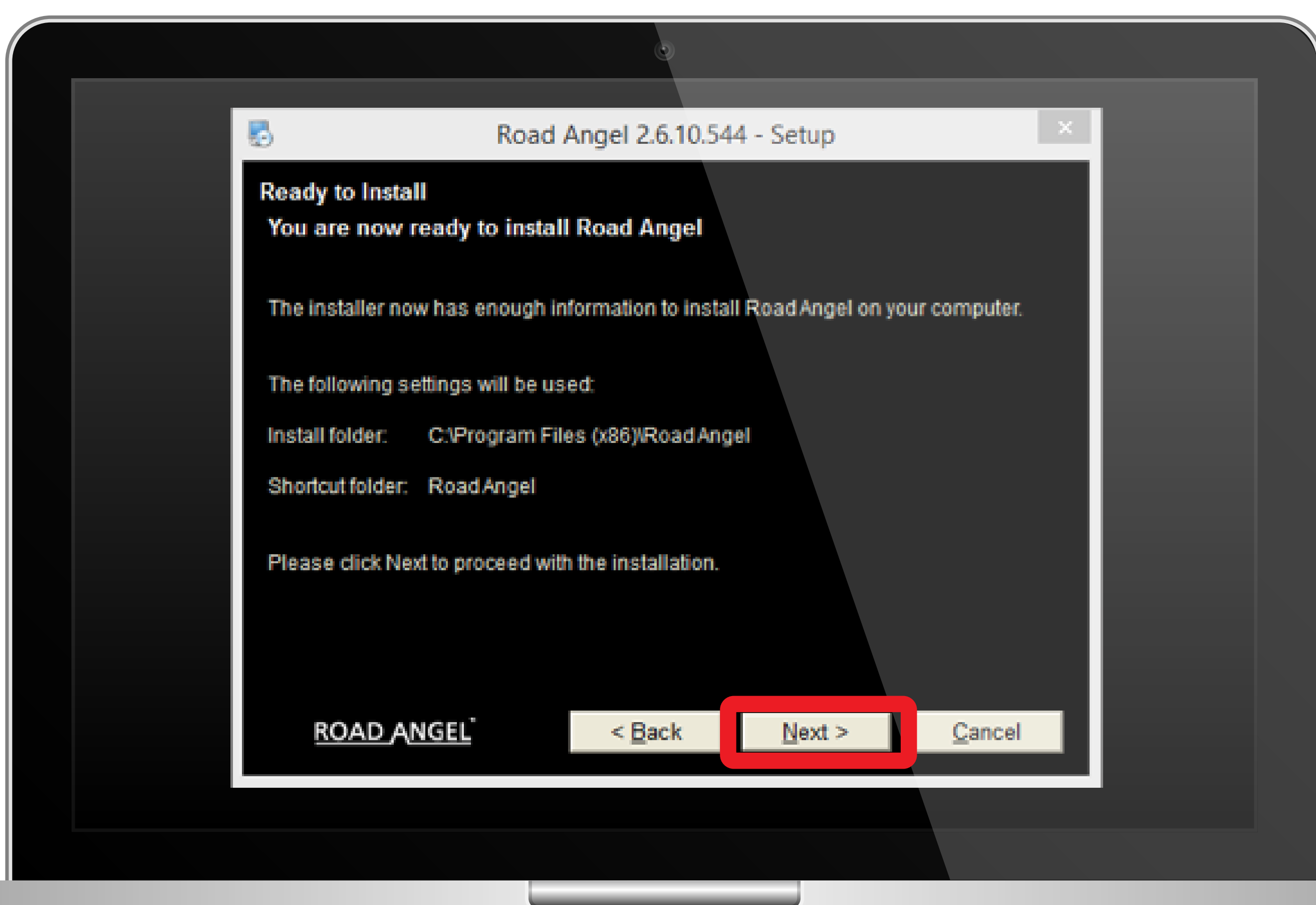


Don't forget to have your ROAD ANGEL™ PURE connected to your computer by the supplied USB cable.

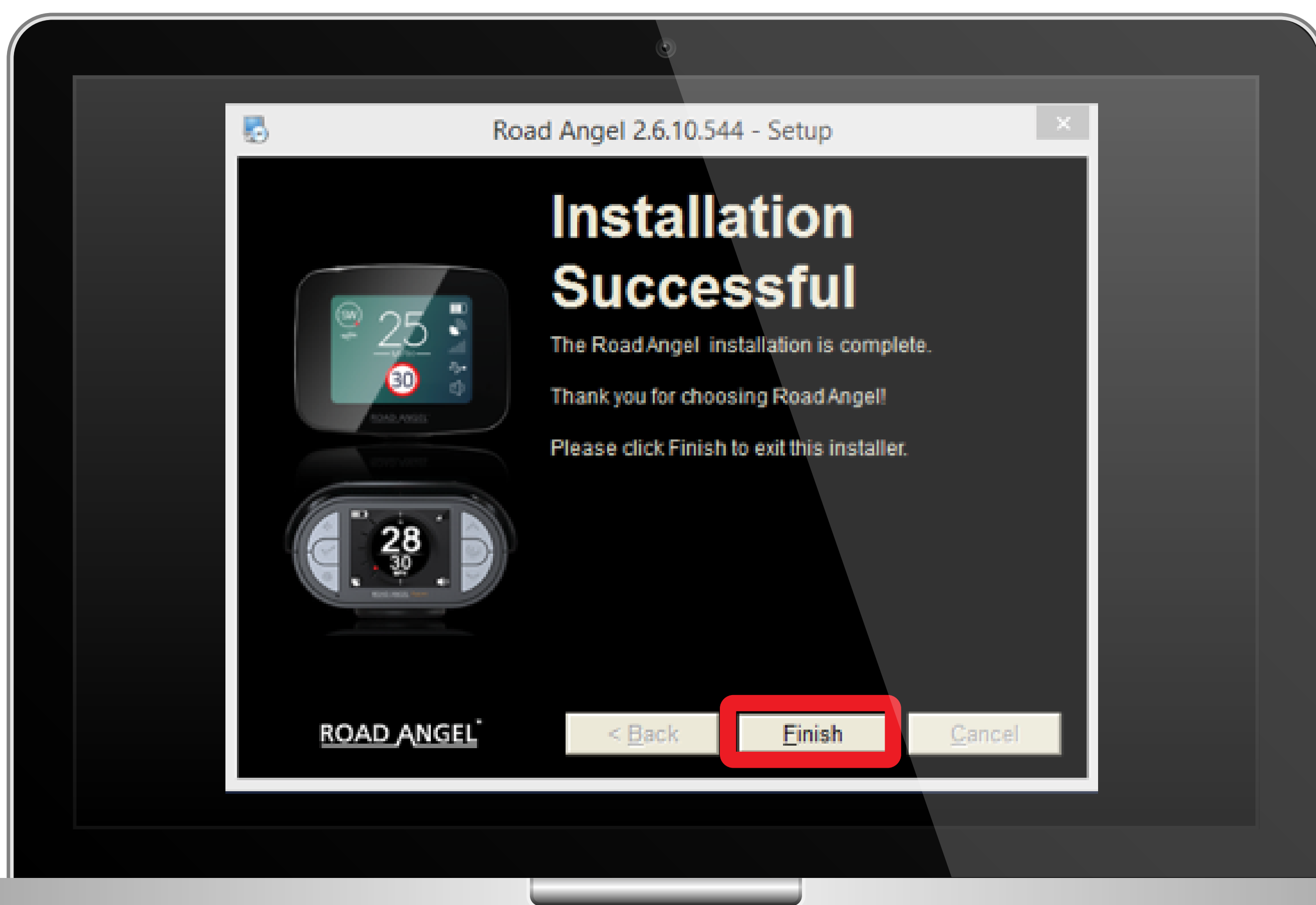


PURE

CONFIGURATION FROM MAC OR PC – FULL ⁴



5. Click on the Next button to proceed with the installation.



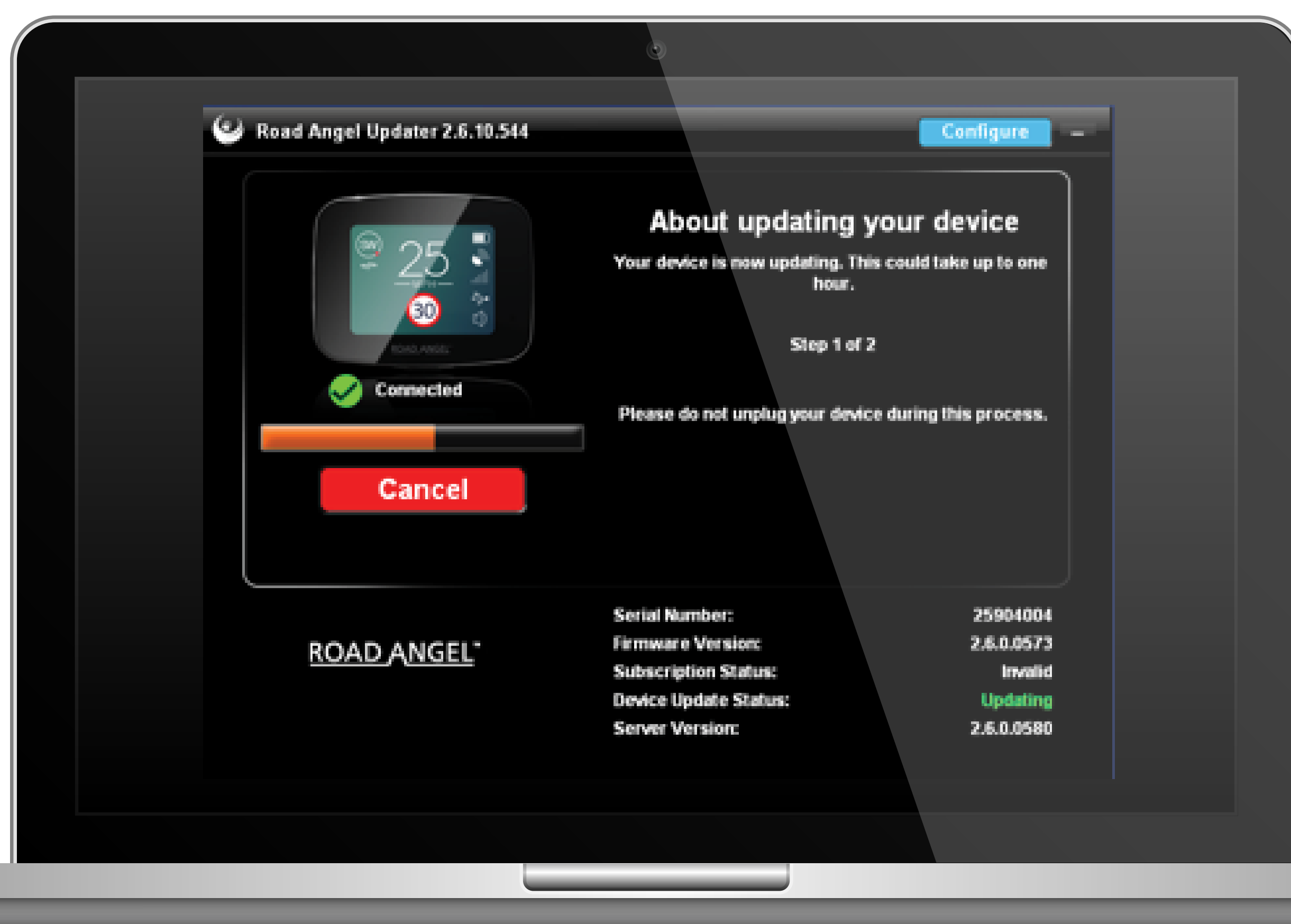
6. Once the installation has completed, click on Finish.

CONFIGURATION FROM MAC OR PC – FULL ⁵



7. Activate the software from the quicklaunch taskbar and update the ROAD ANGEL™ PURE if required. (Usually needed the first time).

Note: The ROAD ANGEL™ PURE is showing as ‘connected’ and needs updating.



8. Whilst the ROAD ANGEL™ PURE is updating, **do not disconnect the device during this process.** Please be aware that this process may take up to on hour to complete.

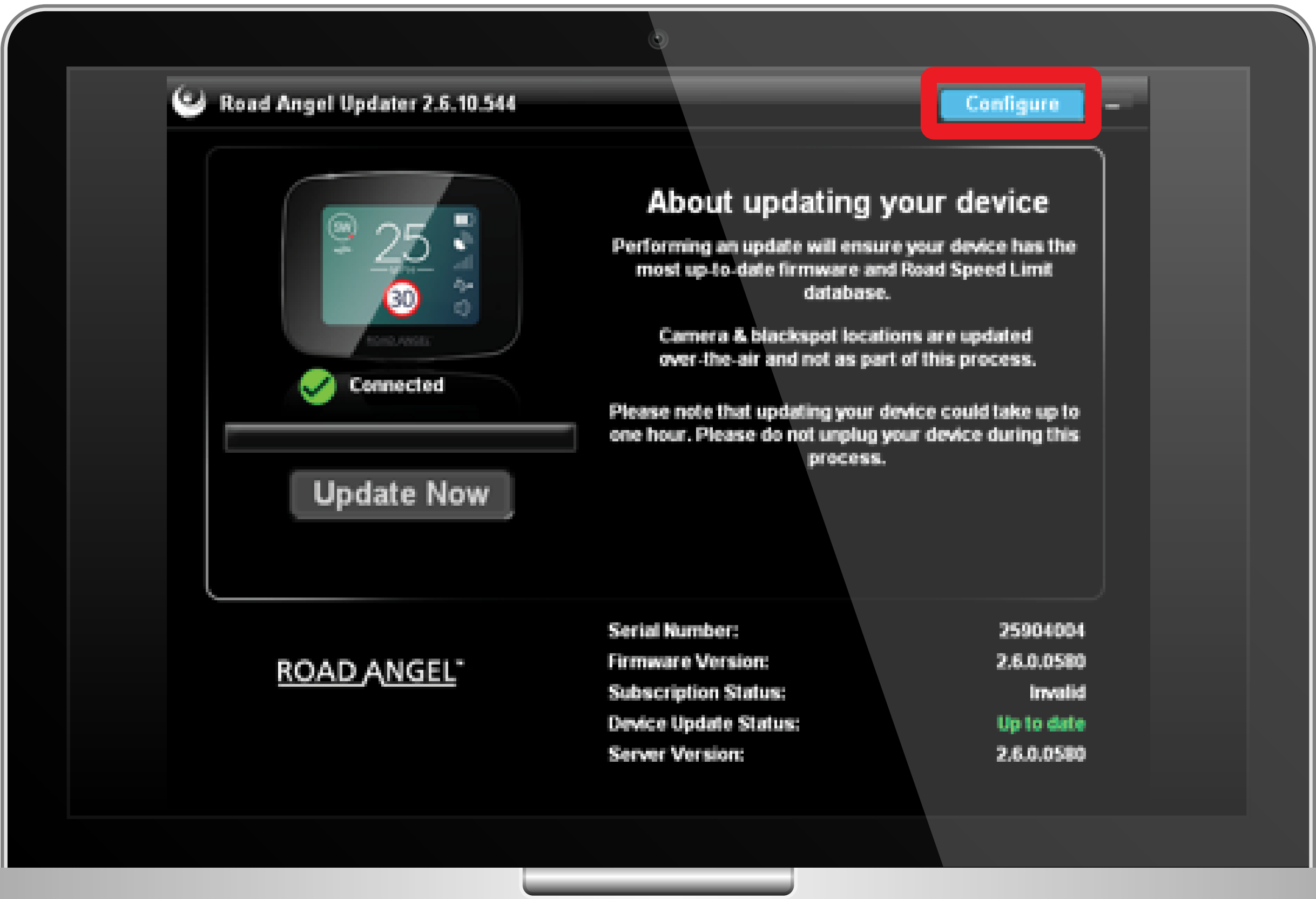
PURE

CONFIGURATION FROM MAC OR PC – FULL ⁶



9. Once the ROAD ANGEL™ PURE is up to date, this will be highlighted in the ‘Device Update Status:’

Note: The ‘update’ button is no longer highlighted.



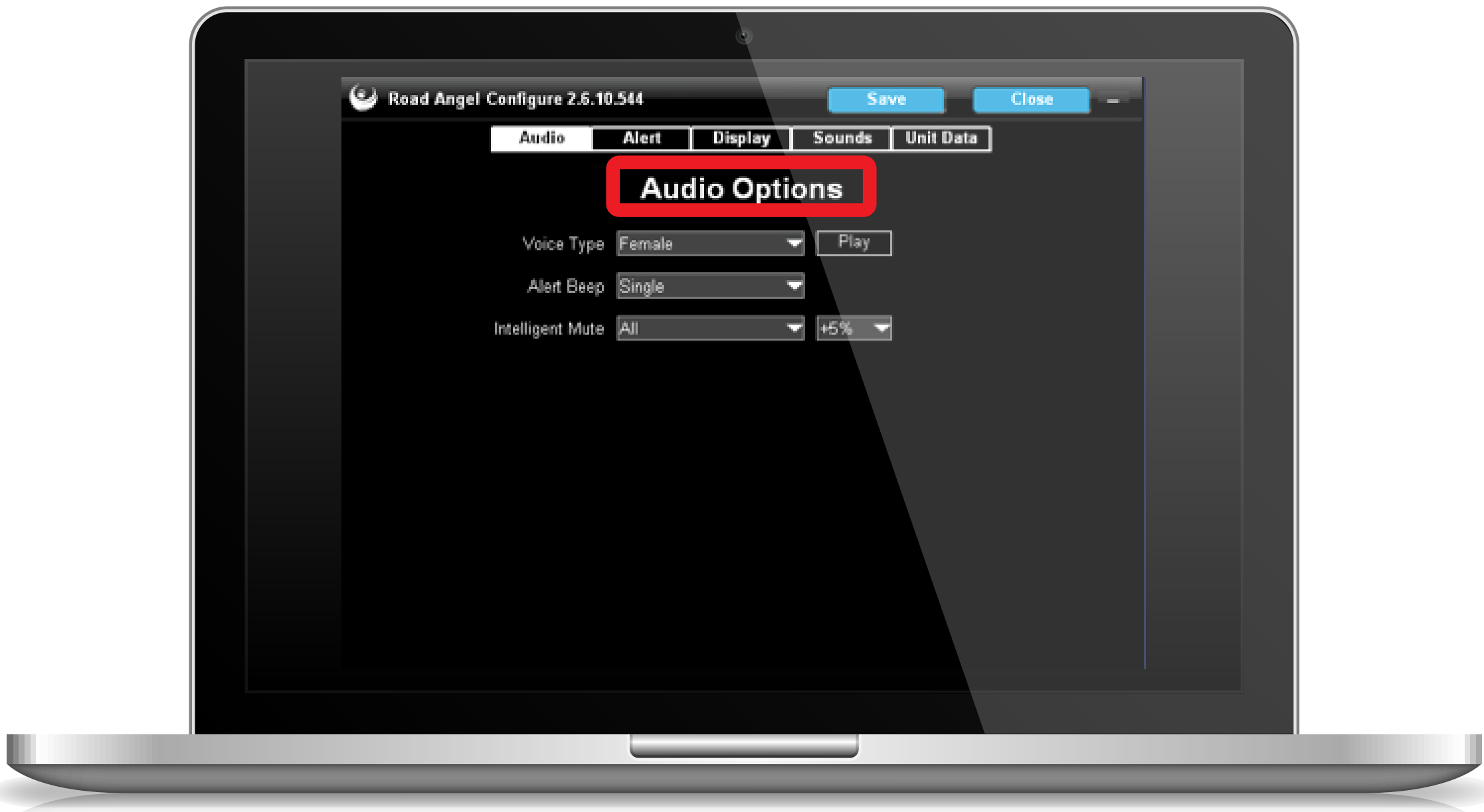
10. Click the blue Configure button to update the settings in the ROAD ANGEL™ PURE device.

PURE

CONFIGURATION FROM MAC OR PC – FULL ⁷



The options are the same as one can configure from the smartphone app and allow users to customise the **ROAD ANGEL™ PURE** to suit their own preferences for **Audio, Display & Alerts**, as well as show current device information. Remember to **SAVE** the new settings.



AUDIO allows the user to configure the voice type, as well as the sounds made by the ROAD ANGEL™ PURE. There is also an Intelligent Mute feature, which the user can set, which mutes the speaker if the speed is under the configured percentage above the limit. (e.g. +10% sounds at above 77 MPH in a 70 MPH limit & -10% sounds at over 63 MPH in a 70 MPH limit)



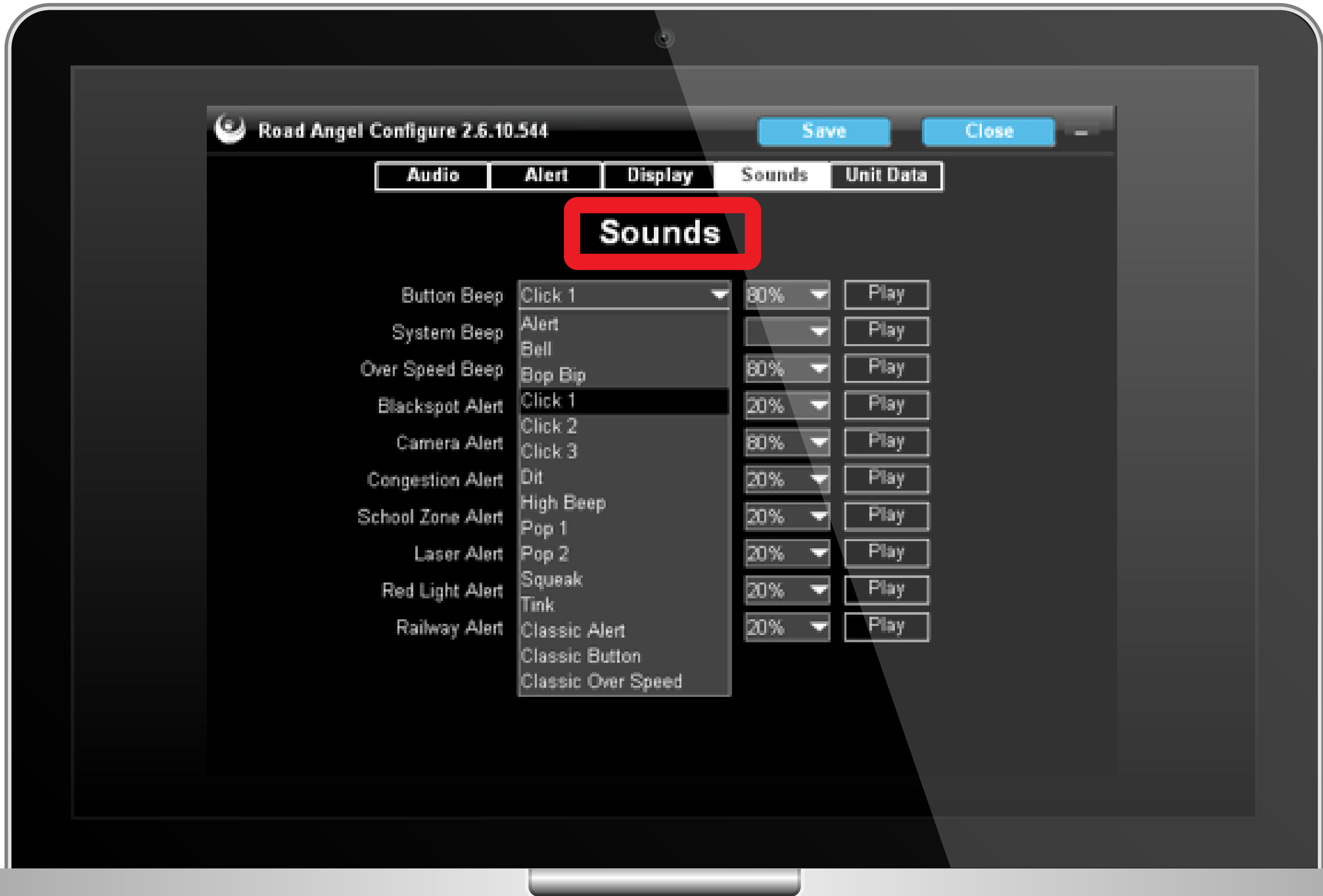
THE ALERT OPTIONS allows the user to customise their device and determine at what percentage of limit speed the alerts will sound.

CONFIGURATION FROM MAC OR PC – FULL ⁸



SOUND MENU

Here you can select a sound and associate it with an alert. In this screen you are also able to amend the volume and listen to the sound before you apply it.



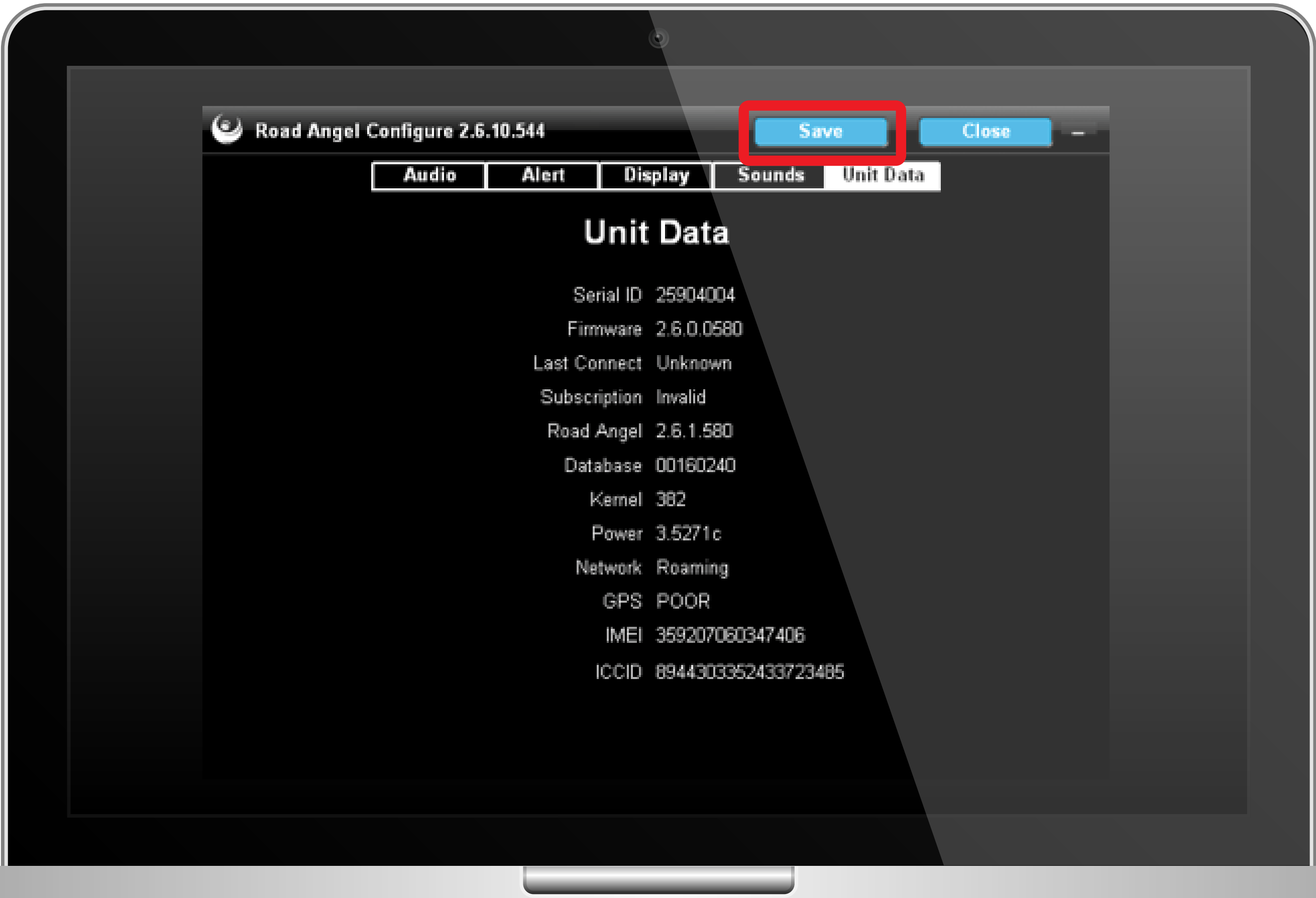
CONFIGURATION FROM MAC OR PC – FULL ⁸



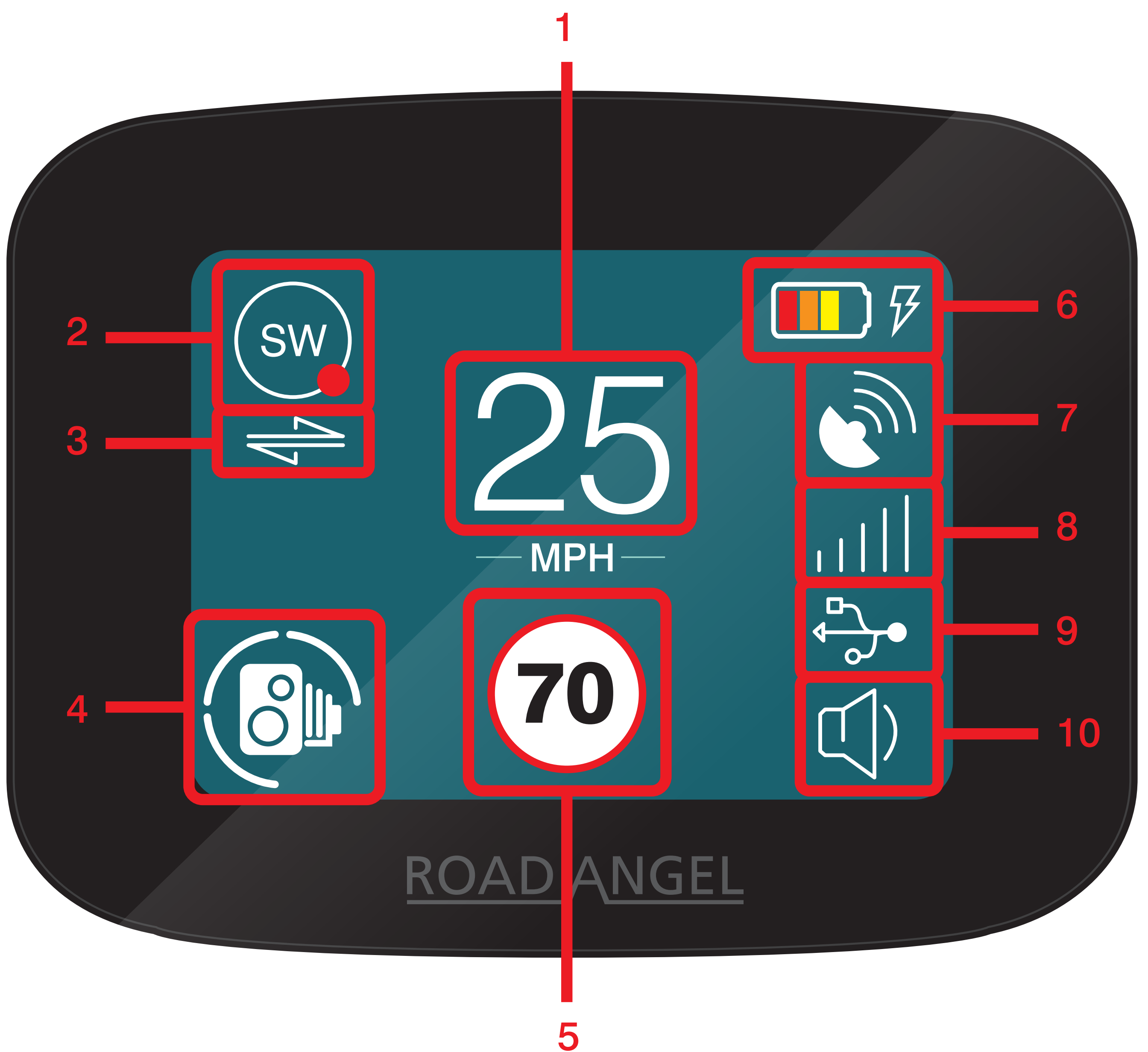
UNIT DATA

This shows the information about the ROAD ANGEL™ PURE.

Note that you can see the Subscription expiry date on this screen.



Finally, remember to save your new settings.



1. Road Speed
2. Compass
3. Communicate with Server
4. Alert and Proximity Meter
5. Speed Limit
6. Battery
7. GPS Signal
8. SIM Signal Level
9. USB (See Note)
10. Speaker Auto/Mute

The USB symbol will show if your device needs an update of firmware/RSL



Amber means in alert zone but under speed
(subject to parameter _10, 0, +5 or +10%)



Red means over the speed limit

WHAT THE ICONS MEAN



Camera Mobile Camera Average Speed Camera Blackspot Hazard



Red Light Red Light Dual School Congestion zone



Railway Camera Van Live Van Laser Gun Speed Monitor

Live Mobile Safety Camera Van - A Live Mobile Safety Camera Van will alert the user to the fact that Mobile Speed Enforcement is being or has been used recently at a location. Users can also set a location as 'Live'. If the device is alerting to a Mobile Safety Camera Van location and there is speed enforcement taking place, pressing the top left button on the device will flag up the site to other connected users.



Proximity 200 Metres Proximity 300 Metres Proximity 400 Metres

START UP SEQUENCE ¹



1. Power is applied or the power switch is pressed on the top of the ROAD ANGEL™ PURE.



2. ROAD ANGEL™ Logo briefly shows to indicate self test is completed and unit is operational

The unit uses a built in SIM to verify if registration and subscription is currently up to date.

P U R E



3. The ROAD ANGEL™ PURE now searches for Navigation Satellites and calculates current position.



- a. **New Users will need to purchase a subscription from our website.**



4. The ROAD ANGEL™ PURE is now active and ready to use.

FEATURES ¹



- All New Super bright LCD Screen – daylight readable in Sunshine (no visor required)
- Sunlight Readable TFT
- 240 x 320 Pixels
- High-Brightness White LED Backlight (1000 cd/m2)
- Auto-dimming based on ambient light
- Wide viewing angle
- Wide Temperature (-20C to +70C)
- Ambient light sensor- Automatically adjust the screen brightness in the dark
- WIFI for Updates of Firmware and all Databases via Smartphone
- Live Mobile Safety Camera Van warnings and other services
- Real Time Average Speed for the Average Speed Cameras
- Personalised overspeed alerts
- Gorilla Glass (Scratch resistant, Antiglare, Smart Phone feel)
- New Dynamic Sound for a new High-Quality Sound (Similar to a smart phone)
- Touch sensitive Buttons and improved usability
- Configurable by Smartphone – iOS and Android
- Configurable by PC or Mac
- New UI with higher resolution graphics
- Choice of voices alerts
- Choice of Sound Alerts
- Wireless Charging via the Smart Mount
- Intelligent Mute
- Longer battery life
- Built in cooling

P U R E



DISPLAY OPTIONS

For many years, you have been asking us to help you understand the current legal speed limit of the roads you are driving, regardless of the presence of a safety camera or obvious road signage. However, once we started looking into this we were amazed that there is currently no definitive digital speed limit database for the UK's roads.

With over 250,000 miles of roads, collecting all of this data ourselves would have been an enormous job costing millions of pounds and, much like painting the Forth Bridge, would need constant attention year on year.

For the ROAD ANGEL™ PURE we've teamed up with Here™, to use the road speed library (RSL) database supplied as part of their navigation product suite showing the speed limits of UK roads. This ensures that we have all the major roads covered and get to hear when a new road or dual carriageway is being built. We realise that the data supplied by Here is not 100% accurate as local authorities are free to amend speed limits as they see fit, but we now work directly with Here to help improve their data.



TERMS AND CONDITIONS

Please visit this link for full up-to-date information;
<https://www.roadangelgroup.com/legal-terms>
<https://www.roadangelgroup.com/termsandconditions>

MORE INFORMATION

We cordially invite you to check out our other information online at these links;

Instagram – Roadangelgroup

Facebook – Roadangelgroup

YouTube -

<https://www.youtube.com/channel/UCCidpGTeW4xMxJtT9BQ7Wjg/videos>

Our website is www.roadangelgroup.com (none other)

Contact Telephone No. 0330 320 3030

For contact email. sales@roadangelgroup.com



Q. How long will it take for my ROAD ANGEL™ PURE to be ready to use?

A. The very first time you turn on your new ROAD ANGEL™ PURE it will take approximately 15 minutes to get a lock on to GPS and our servers, but don't worry, it will only take this long the very first time.

Q. How do I configure the settings on my ROAD ANGEL™ PURE?

A. Having downloaded the ROAD ANGEL™ PURE App to your smart phone, you will be able to Wi-Fi-hotspot between your ROAD ANGEL™ PURE and your Apple or Android smartphone to personalise the settings on your ROAD ANGEL™ PURE. When you have set up your device to your preferences, save the settings and disconnect. Your ROAD ANGEL™ PURE will now have all your preferences saved. You can also configure this via a PC or MAC Client via <https://www.roadangelgroup.com/support>

Q. How do I mount my ROAD ANGEL™ PURE into my car?

A. Your ROAD ANGEL™ PURE comes with a Wireless Charging Dash Mount, and the bottom of the mount contains an adhesive pad. Peel back the film on the pad and affix to a suitable place on your dashboard. Alternatively, if you are using the windscreen mount, affix the windscreen mount to a suitable viewing angle, be sure not to obstruct you're driving view. TIP. If you're having your ROAD ANGEL™ PURE professionally fitted, or hardwired into your car, your fitter or installer will do all the work for you and place the ROAD ANGEL™ PURE in the place most suitable for you.



PURE



Q. I need my device fitting to my vehicle, who can I call?

A. Please call us directly 0330 320 3030 to organise a mobile installer who will come to you!

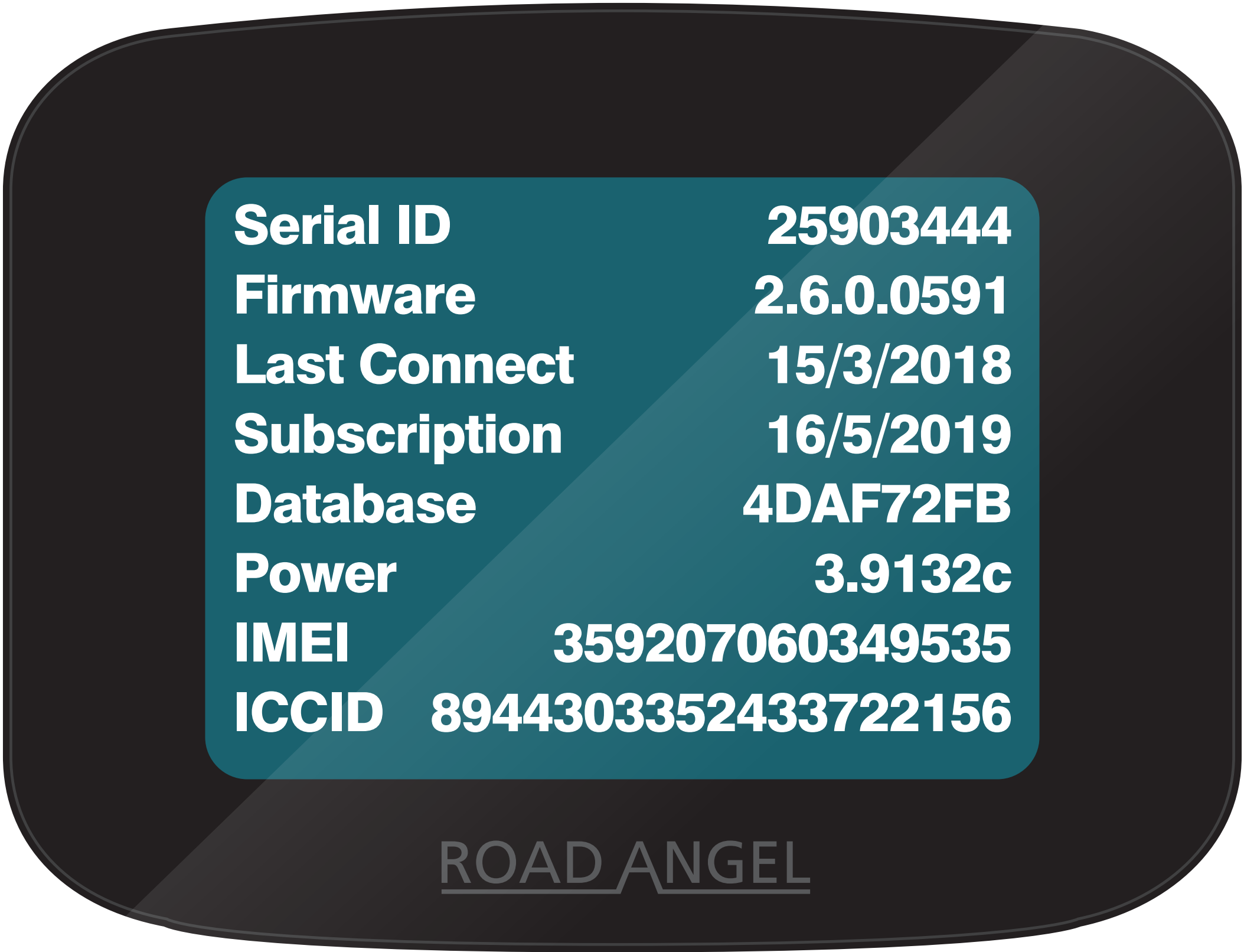
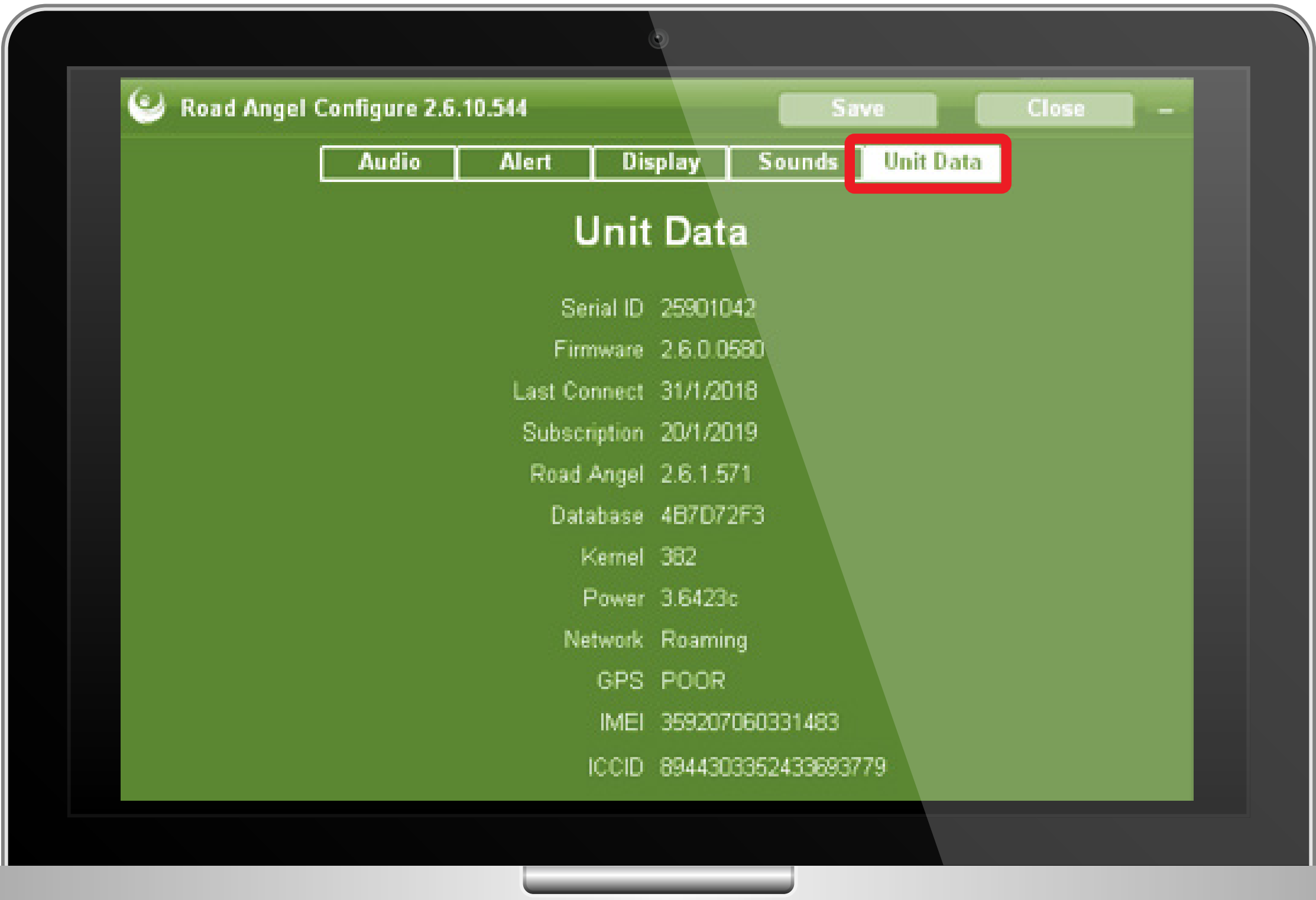
Q. How do I purchase a subscription to go with my ROAD ANGEL™ PURE?

A. To purchase a subscription, please call our offices on 0330 320 3030 where one of our Angels will be happy to help. *If you already have an active subscription, please call our team who will happily activate this for you*.



Q. I want to quickly find out my subscription end date, is this possible?

A. When your ROAD ANGEL™ PURE is connected to your computer, your subscription information will be displayed on the ROAD ANGEL™ PURE app under “Unit Data” Here you can see the subscription expiry date so you know when you need to renew it. Alternatively you can view this information on your ROAD ANGEL™ PURE, Screen 5. To do this press the power button and cycle through the screens until you see the one shown below.





Q. How long will the battery last?

A. The ROAD ANGEL™ PURE battery will last an average of 4/5 hours.

Q. How long should I charge the unit?

A. Charge the unit for the first time for at least 8 hours (possibly overnight) please see the battery level indication to show the level of charge, please let the unit stabilise after removing power.

Q. I don't have a smartphone, how do I configure the device?

A. You can configure the device using the Mac or Window PC Client via the USB cable, using the downloadable update software from the tech support page of our website **www.roadangelgroup.com**

Q. I am struggling setting up the device – are there any instructional videos?

A. Please go to our Support YouTube Channel -

@Roadangelgroup

<https://www.youtube.com/channel/UCCidpGTeW4xMxJtT9BQ7Wjg/videos>

ROAD ANGEL™
P U R E