



M-Nav 900/950

User Manual



GPS Tracking and Fleet Management Solutions

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Contents

1	Introduction	4
1.1	Important Safety Information	4
1.2	Disclaimer	4
1.3	Glossary of Terms	5
2	The M-Nav 900/950	6
2.1	Box Contents	6
2.2	M-Nav 900/950 Familiarisation	7
2.3	M-Nav 900/950 Specifications	8
3	Installing the M-Nav 900/950 in a Vehicle	9
3.1	Attaching the Docking Cradle to the Windshield	9
3.2	Adding the M-Nav 900/950 to the Docking Cradle	9
4	Getting Started	10
4.1	Disclaimer and Warning screens	10
4.2	Driver Log In & Status	11
4.3	Setting Truck Attributes	11
4.4	Viewing the Current Navigation	12
4.5	Checking the GPS Status	13
4.6	Checking the Qube Tracking Device Status	13
4.7	Settings	14
4.8	Information Screen	14
4.9	Driver Log Out	15
5	Voice Command	16
5.1	Activating Voice Command	16
5.2	Starting a Route Using Voice Command	16
6	Messages	18
6.1	Types of Messages	18
6.2	Form Fields	19
6.3	Receiving a New Message	21
6.4	Reading a Received Message	22
6.5	Replying with a Canned Template or Reply Form	22
6.6	Sending a Form	23
6.7	Viewing a Sent Message	24
6.8	Creating a New Message or Free Text Reply	24
6.9	Navigating to a Route To Location	25
6.10	Showing a Route To Location	25
6.11	Deleting a Message	26
7	EMS (Engine Monitoring System)	27
7.1	Displaying EMS information	27
7.2	Viewing Trip Information	27
7.3	Setting up EMS Options	28
7.4	Changing the EMS Dashboard Screen	28
8	Working Time	29
8.1	Changing Driver Status	29
9	Setting Your Preferences	30
9.1	Setting the Locale	30
9.2	Setting the Language	30
9.3	Restoring Factory Default Settings	30
10	Contact Information	32

1 Introduction

Thank you for purchasing the Navman Wireless M-Nav 900 or M-Nav 950 messaging and navigation device. We hope you enjoy using it. It has been carefully designed so it is easy to install, set up, and use.

You can:

- use the message option to receive messages from, and send messages to, your fleet administrator
- capture a customer signature as a proof of delivery on an electronic form
- navigate directly to a location specified in a message from your fleet administrator
- use the navigation option to search for locations such as a street address, a postal code, or a city center
- set a location as the start point, a via point, or the destination
- have the M-Nav 900/950 calculate the route then guide you along it with clear visual and verbal instructions
- check for places and points of interest such as fuel stops, nearby or along your route
- add stops (via points) to your route
- track the amount of time the driver spends on each task, and when a rest break is due
- use the EMS option to display engine monitoring information and review engine monitoring statistics at the end of a trip

1.1 Important Safety Information

Do NOT mount the M-Nav 900/950 where it obstructs the driver's view or may distract the driver.

Do NOT mount the M-N 900/950 where it may interfere with the safe operation of the vehicle or the deployment of airbags or other safety equipment. If necessary, consult the vehicle manual to ensure the mounting location is safe.

Do NOT enter navigation data or other information into the M-Nav 900/950 while you are driving.

Comply with these safety instructions at all times. Failure to comply with these safety instructions may lead to accidents, personal injury including death, property damage or violation of the law.

1.2 Disclaimer

Navman Wireless disclaims all liability for the installation and use of this product in a way that contributes to injuries, death, property damage or violation of the law.

The user of this product is solely responsible for observing safe driving practices and for all use of this device. It is the user's responsibility to operate the M-Nav 900/950 in accordance with the law.

The M-Nav 900/950 provides route information for guidance only. Accordingly it is your sole responsibility to consider the height, weight, length or Hazmat classification of your vehicle and to ensure that it is legally and physically able to travel over routes that may include narrow, twisting or steep roads; weak, narrow or low bridges; tunnels or other obstacles on the route determined by this M-Nav 900/950.

This manual represents the M-Nav 900/950 at the time of printing. Navman Wireless reserves the right to make changes to specifications without notice.

1.3 Glossary of Terms

Common terms used in this manual and on the M-Nav 900/950 include:

GPS	The Global Positioning system (GPS) is a network of satellites that orbit the Earth at about 12,000 miles (19,300 kms) and transmit accurate time and position information worldwide. The GPS receiver in your M-Nav 900/950 picks up signals from any satellites in view and uses the information to determine your location, accurate to within 15 ft (5 m). Usually, only three signals are needed to provide a latitude and longitude position (GPS fix) for vehicle navigation systems.
POI	Point of Interest (POI) is a useful resource along or nearby the route, such as a fuel location or a post office. You can add a POI to your route as a via point.
Via Point	A specific location that you want to visit along the route. A via point can be any location that you specify, such as a customer site or a POI.
Destination	The next via point along your route.
Final Destination	The final via point along your route. It is always marked with a chequered flag.
Trip	The complete list of via points that you specify; including the start location, the final destination, and any via points between.
Route	When you have defined all the via points in your trip, the M-Nav 900/950 will calculate the best route automatically after it obtains a GPS fix. Your route shows the path to drive. Only one route can be shown on the map at a time.
Qube	Tracking and communications device.
OnlineAVL2 Application	Desktop application used by fleet administrators to send messages and monitor vehicle locations.
Swipe	Touch the screen and move in the indicated direction (e.g. Swipe up) without breaking contact with the screen.

2 The M-Nav 900/950

2.1 Box Contents

The M-Nav 900 and M-Nav 950 are physically identical and have the same contents in the box.

NOTE: Check that you have ALL of the items pictured below before you start the installation. Contact your supplier if anything is missing.



M-Nav 900/950



Micro-USB cable

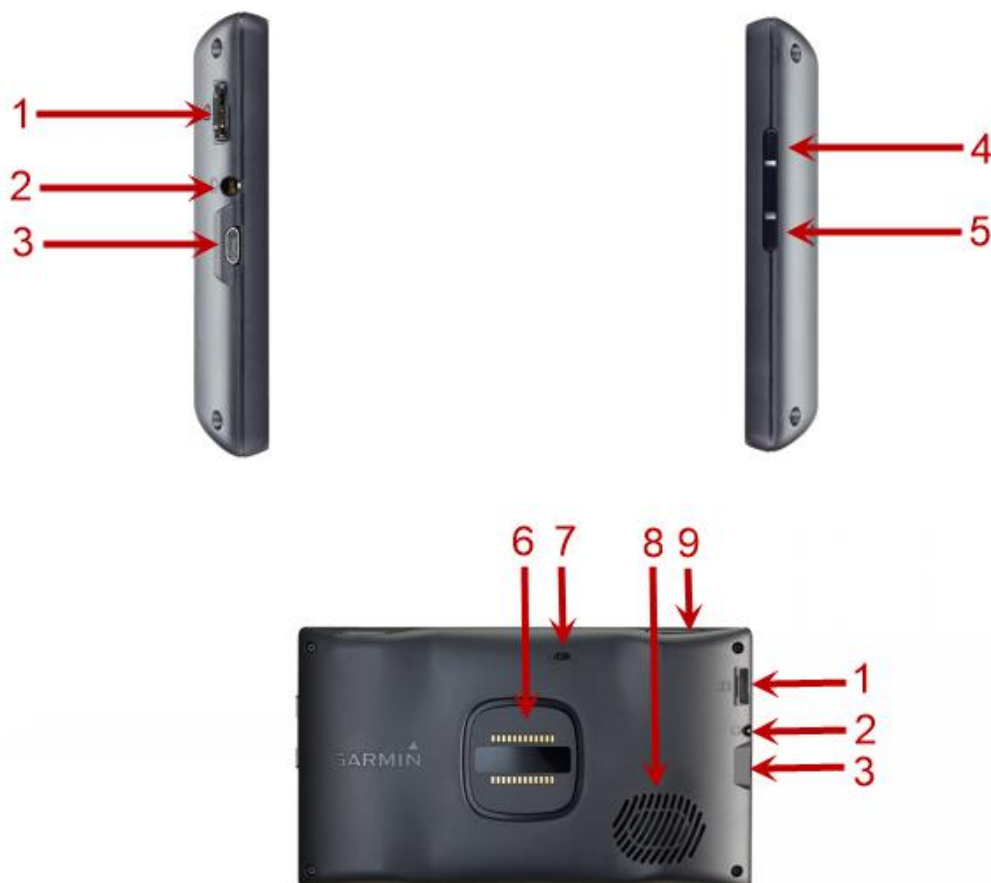


Magnetic device bracket



Suction cup
window mount

2.2 M-Nav 900/950 Familiarisation



	Component	Description
1	MicroSD card slot	Use this slot for installing updates via SD
2	Audio jack	For headphones or external speaker
3	MicroUSB	Use this connector to mount the M-Nav as a USB device
4	Volume Up	Increases the speaker volume
5	Volume Down	Decreases the speaker volume. When pressed simultaneously with the Power button (9), this button will save a screen shot.
6	Magnetic mount	Attaches the device to the magnetic mount
7	NFC sensor	Near Field Communications (not currently used)
8	Speaker	
9	Power On/Off	Short press to suspend or resume. Press and hold to turn on or off. When off and connected to external power, a short press will show the battery charge level

2.3 M-Nav 900/950 Specifications

Component	Description
Display	800x480 6.1" WVGA
Touch Panel	Capacitive Touch
Processor Type	MediaTek MT8123, 1.2 GHz quad-core
Operating System	Android 4.2 or greater (Jelly Bean)
Storage	16 GB Capacity
Memory	1 GB NAND
Battery	1500 mAh Li-ion
Micro SD Slot On Unit	Capable of 4 GB or greater SDHC
Speaker	Single, 40x30 mm
Cradle	Garmin magnetic mount with Garmin ball adapter
Temperature: - Operating range - Storage range - Battery charging	-20~60°C -30~80°C <i>In order to avoid battery degradation, long term storage should be from 0°C to 25°C.</i> 0~45°C
Humidity: - Operating range - Storage range	0~90% 0~90%
Voltage	5V (via Qube)

3 Installing the M-Nav 900/950 in a Vehicle

Refer to the Garmin manual for instructions on assembling the docking cradle and windscreen mount, and installing the unit in the vehicle.

3.1 Attaching the Docking Cradle to the Windshield

NOTE: Some windshields contain areas of tinted glass that may interfere with the GPS signal. Do not mount the M-Nav 900/950 in these areas.

Read the Important Safety Information in [Section 1.1](#).

1. Connect the magnetic mount to the suction cup by firmly pressing the socket on the mount of the ball on the suction cup arm.
2. Decide where to locate the suction mount on the windshield. Use an alcohol swab to thoroughly clean that area of the windshield, then dry the area with a soft, lint-free cloth.
3. Press the suction cup firmly against the windshield for 3 seconds.
4. Push the lever down to vacuum-seal the suction cup to the windshield.

Now you are ready to add the M-Nav 900/950 to the docking cradle (see [Section 3.2](#)).

3.2 Adding the M-Nav 900/950 to the Docking Cradle

IMPORTANT: *The M-Nav 900/950 must be in the docking cradle **and** connected to the Qube tracking device in order for you to report your driver status, send and receive messages, and otherwise communicate with your fleet administrator through the OnlineAVL2 application.*

The start-up screen will display automatically (see [Section 4](#)).

The M-Nav 900/950 attaches magnetically to the cradle. Simply align the unit with the cradle in the center of the back face and when the M-Nav and cradle are close enough, the magnets will snap the two together. The magnets are positioned to prevent the M-Nav being attached in the wrong position. If you feel resistance, check that the cradle is correctly oriented (the word "Garmin" should appear the right way up) and the M-Nav is in landscape orientation (also with the word "Garmin" should appear the right way up).

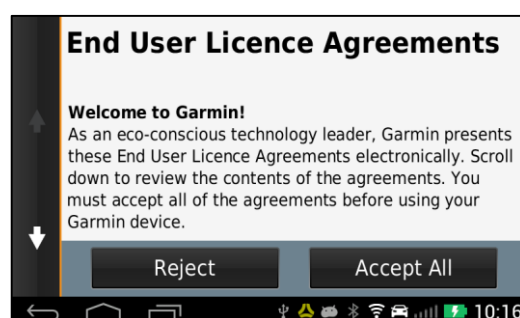
NOTE: The M-Nav 900/950 will charge only when connected to a Qube tracking device in a standard vehicle installation, or when using an AC adaptor supply. It will **not** charge effectively when connected to a standard USB connection through a PC or similar and powered on.

4 Getting Started

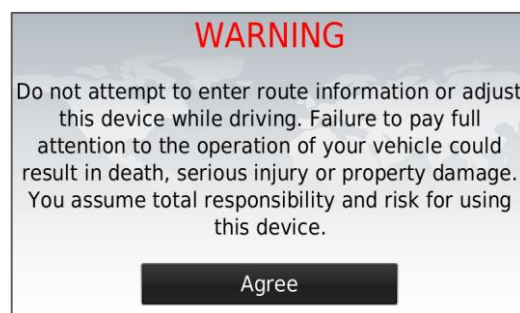
4.1 Disclaimer and Warning screens

NOTE: The following sequence of screens will appear the **FIRST** time you use your M-Nav 900/950, **or** when the M-Nav is restarted following a factory reset.

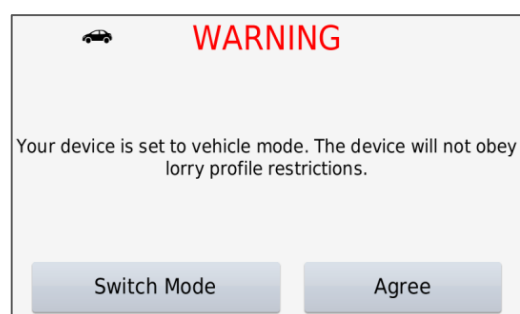
After a factory reset, you will be asked to accept the Garmin and associated software end user licence agreements. It is necessary to scroll down to the bottom of the page before pressing **Accept All**



The 'Warning' screen is displayed automatically. If you accept the warnings, select **Agree**.

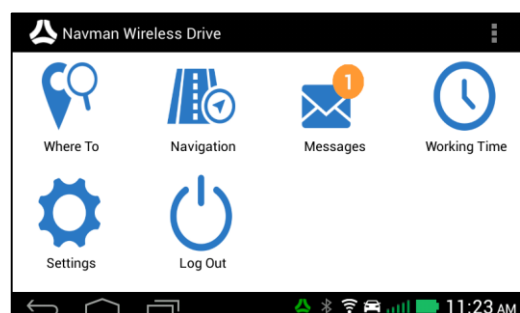


If your device is an M-Nav 950 (Garmin 670) you will be warned about the navigation mode (truck vs. car) and offered the opportunity to switch mode. If you wish to use the truck-specific routing features, press **Switch Mode** and then choose Truck/Lorry. You can then set up a profile specific to your vehicle (see [Section 4.4](#)).



If the 'Main Menu' is displayed, your M-Nav is ready to use. The number of icons displayed in the 'Main Menu' depends on the features that have been enabled by your fleet administrator.

NOTE: If a different screen is displayed instead of the 'Main Menu', see the next section.

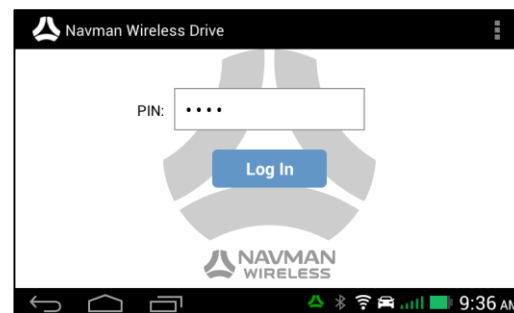


4.2 Driver Log In & Status

NOTE: These screens will only be displayed if your fleet administrator has set up the Driver Login and Driver Status functions in the OnlineAVL2 application. If these have been enabled, you cannot use the M-Nav 900/950 until you enter these details.

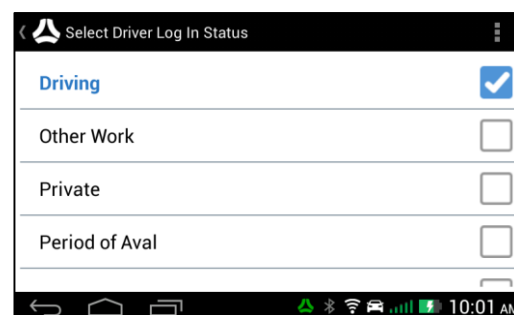
IMPORTANT: *The M-Nav 900/950 must be in the docking cradle and connected to the Qube tracking device in order for you to report your driver status to your fleet administrator through the OnlineAVL2 application. The Navman Wireless icon in the bottom status bar will show green when the M-Nav has a connection to the Qube. It shows yellow when not connected.*

If the login screen is displayed, use the onscreen keypad to enter your Driver PIN (Personal Identification Number), then select **Log In**.



If the 'Driver Log In Status' screen appears, select the description that best describes your current status (e.g. **Driving, Other Work, Rest Break**, etc.).

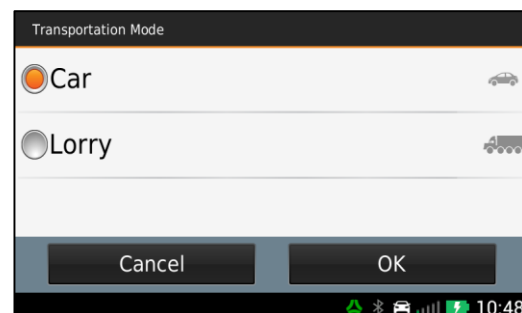
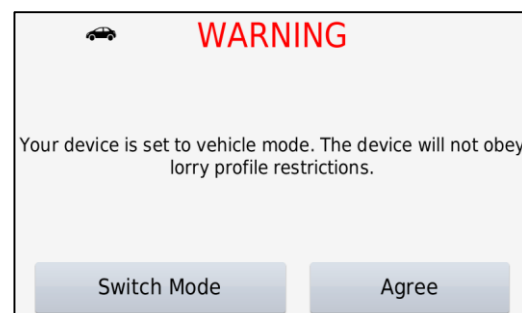
The check shows the current status.



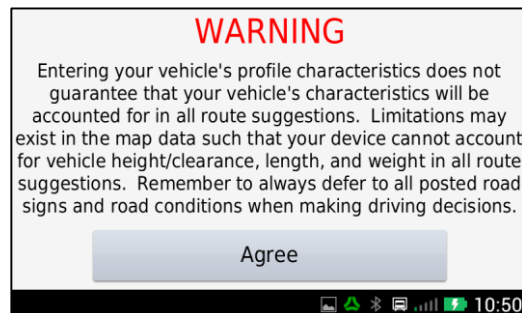
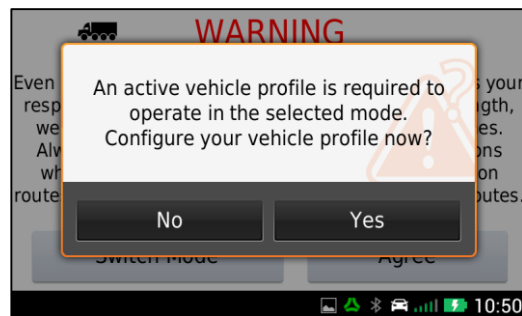
4.3 Setting Truck Attributes

NOTE: The M-Nav 950 can store multiple truck profiles that define the dimensions and cargo of your truck. The Garmin navigation software uses this information to select the best route for you based on the information in the map data. However, this information may not be completely accurate. You are responsible for confirming your route and avoiding any hazards.

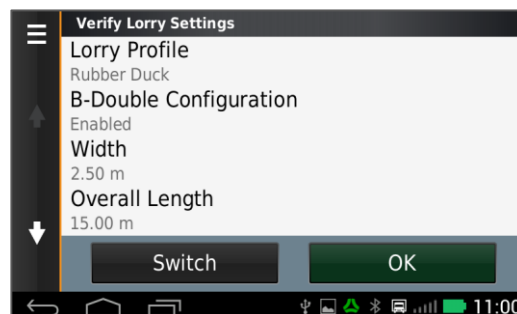
If you wish to use Truck Routing, select **Switch Mode** and select Truck/Lorry



If there is no current vehicle profile, you will be prompted to create one. Follow the prompts to enter the details of your truck and save the profile. You can edit your settings from the Garmin Settings menu.



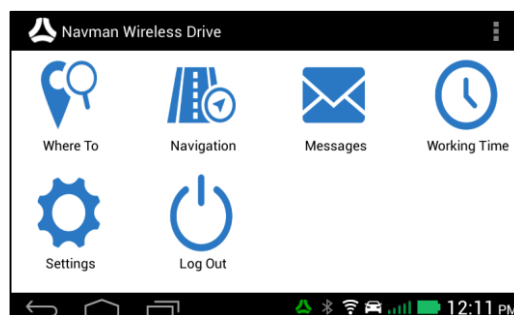
In this screen you can select an existing profile or switch to a different profile. For more details on setting the Truck Profile please refer to the Garmin user manual.



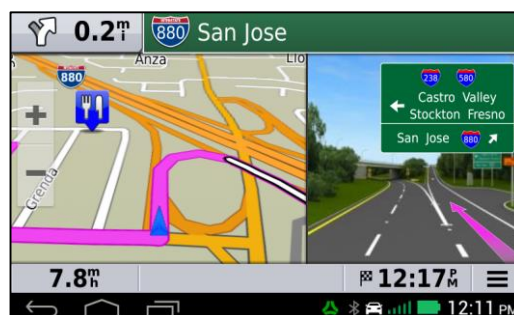
4.4 Viewing the Current Navigation

If you leave the Navigation screen, you can easily return to it from the Main Menu.

Go to the 'Main Menu' and select **Navigation**.



The map with the current navigation will be displayed.

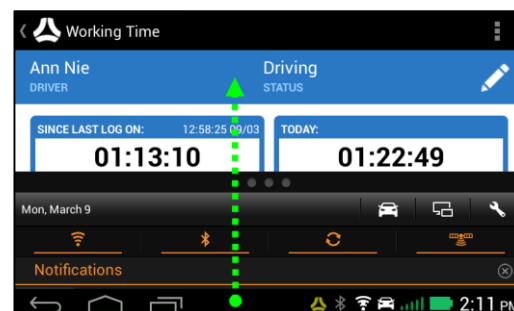


4.5 Checking the GPS Status

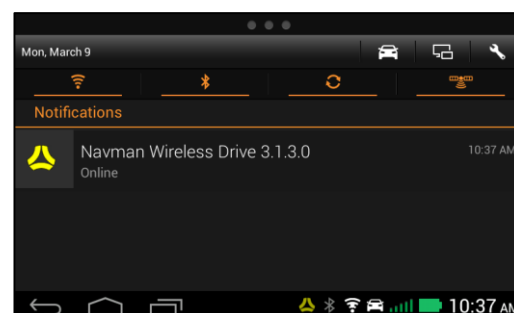
Your M-Nav 900/950 has an internal GPS antenna so you can always receive a GPS signal, find your current location and use the M-Nav 900/950 for navigation. For best operation, ensure your M-Nav is positioned where it has a good view of the sky.

If necessary, you can check the GPS status as follows:

In the 'Main Menu', swipe the notification bar upwards to show the Notifications menu.



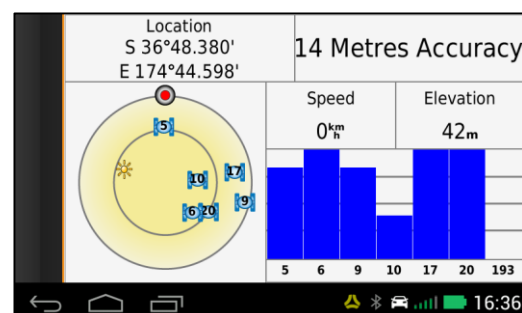
Press and hold  to show the GPS status screen.



The display shows the satellites currently being used for positioning and a graph of the relative signal strength.

The position, elevation, speed and positional accuracy are also shown.

Select the back button to return to the main menu.



4.6 Checking the Qube Tracking Device Status

Your M-Nav is connected to a Qube tracking device that communicates information about your vehicle to the OnlineAVL2 application.

The Qube tracking device also enables you and your fleet administrator to send and receive messages to each other (see [Section 5](#)).

To check the status of the Qube tracking device at any time, display the 'Main Menu'.

Check the colour of the Qube tracking device icon shown in the notifications bar at the bottom of the screen.



Green Contact has been established with the OnlineAVL2 application. You can send and receive messages.



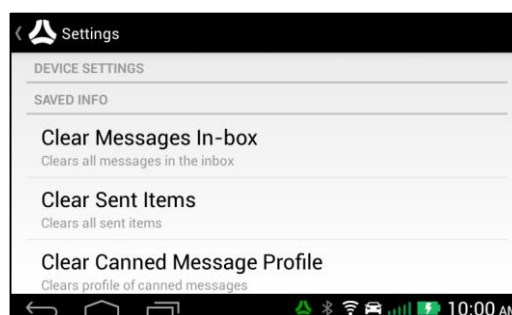
Yellow The Qube tracking device is trying to make contact with the OnlineAVL2 application.

4.7 Settings

You can access the Settings page from the 'Main Menu' by selecting **Settings**. From anywhere else inside the app, select  > **Settings**.

You can perform the following actions:

- **Clear Messages Inbox** – Deletes all messages in the inbox.
- **Clear Sent Items** – Deletes all sent messages and items.
- **Clear Canned Message Profile** – Clears the profile of canned messages.
- **Clear AVL-Form Definitions** – Clears the definition of the AVL-forms.
- **Clear Map Preference** – Clears the default map preference.



4.8 Information Screen

To access the Information Screen, you can select  > **Information**.

The Information screen displays the following:

- **AVLID** – This is the AVLID that will be used to associate data from the device to a device profile in OnlineAVL2.
- **Version** – Displays the version of the application running on the M-Nav 900/950.
- **Build** – The date and time when the build was created.
- **Model** – Displays the model of the M-Nav 900/950.
- **Android** – Displays the Android OS version running on the M-Nav 900/950.



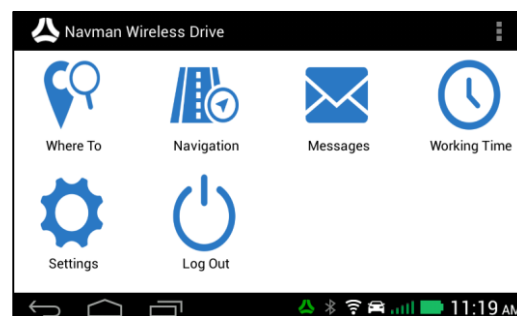
4.9 Driver Log Out

If you had to enter your Driver PIN and select a work status (as described in [Section 4.2](#)) before you could use the M-Nav 900/950, you must log out when you have finished work.

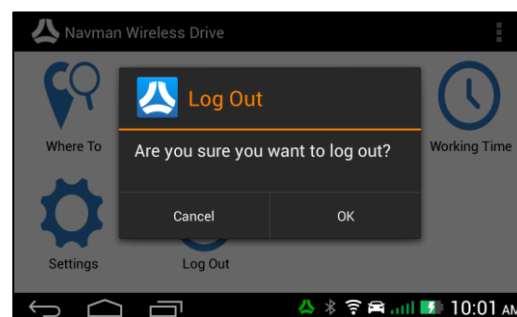
NOTE: These screens will be displayed only if your fleet administrator has set up the Driver Login and Driver Status functions in the OnlineAVL2 application.

To log off, display the 'Main Menu'.

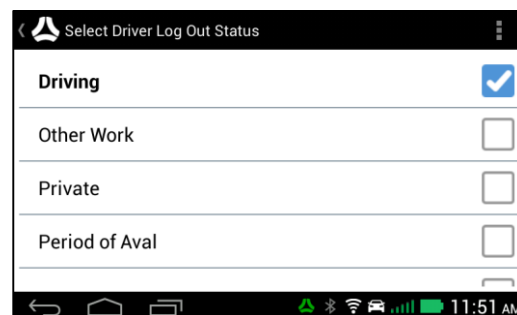
Select **Log Out**.



You will be prompted to confirm that you wish to log out. Select **OK**.



The 'Select Driver Log Out Status' screen is displayed. Select the description that best describes your current status.



You will be logged out and the login screen will be displayed.



5 Voice Command

Voice Command allows you to use your M-Nav 900/950 by saying words or commands. The voice command menu provides voice prompts and a list of available commands.

5.1 Activating Voice Command

To activate the Voice Command feature on your M-Nav 900/950, say **Voice Command**. A list of voice commands will be displayed.



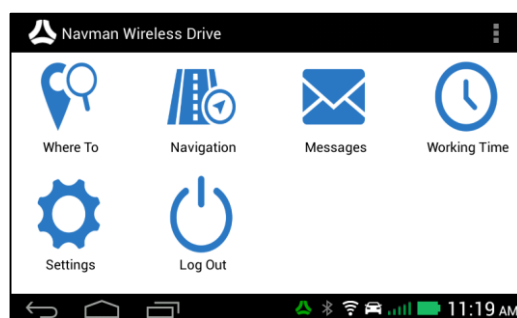
TIPS:

- Speak in a normal voice directed at the device.
- Reduce background noise, such as voices, or the radio, to increase the accuracy of the voice recognition.
- Speak commands as they appear on the screen.
- Respond to voice prompts from the device as needed.
- Listen for two tones to confirm when the device enters and exits voice command.

5.2 Starting a Route Using Voice Command

You can use the Voice Command feature to start a route.

Say **Voice Command** from anywhere in the application.



Say **Find Address**.



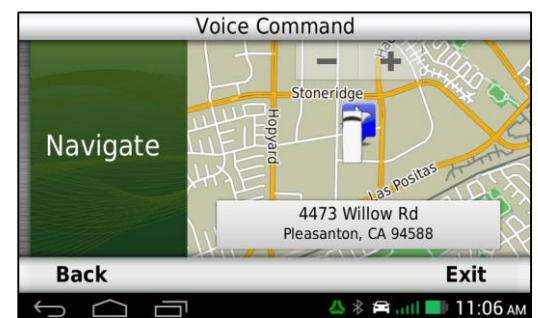
When prompted, speak an address. A list of addresses is displayed.



Say the line number of the correct address (e.g. "One"). The address is displayed on the map.



Say **Navigate**.



6 Messages

IMPORTANT: The M-Nav 900/950 must be in the docking cradle and connected to the Qube tracking device in order for you to send and receive messages, and otherwise communicate with your fleet

The M-Nav 900/950 can store an unlimited number of incoming and outgoing messages and forms.

6.1 Types of Messages

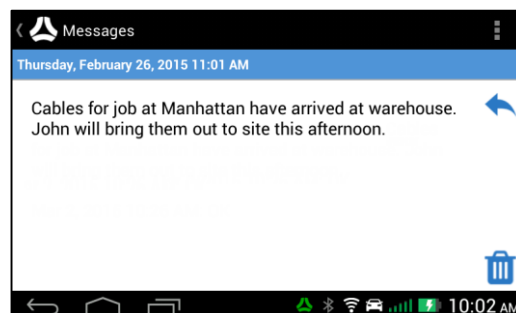
The Message feature on the M-Nav 900/950 enables you and your fleet administrator to communicate with each other. There are three types of messages: Information and Route To messages, and Forms.

Information Messages

A unique message from your fleet administrator or a unique message that you send.

From this screen you can select:

- **Back**  to close the message without sending a reply.
- **Reply**  (see [Section 5.4](#)).
- **Delete**  (see [Section 5.10](#)).

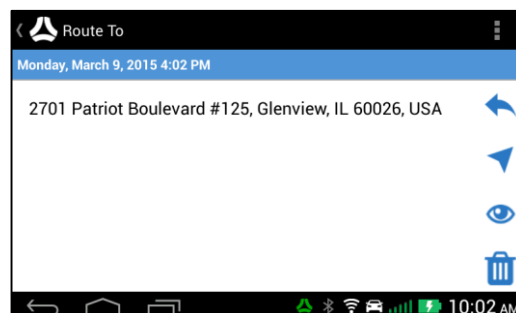


Route To Messages

This type of message contains a location address in the first line of the message. The M-Nav 900/950 can navigate you to that address automatically.

From this screen you can select:

- **Back**  to close the message without sending a reply.
- **Reply**  (see [Section 5.4](#)).
NOTE: If you want to reply to the message, do this BEFORE you select **Go** or **Show**.
- **Go**  to exit from the 'Message' screen and navigate to the location in the message (see [Section 5.8](#)).
- **Show**  to exit from the 'Message' screen and display the location on a map (see [Section 5.9](#)).
- **Delete**  (see [Section 5.10](#)).



Forms

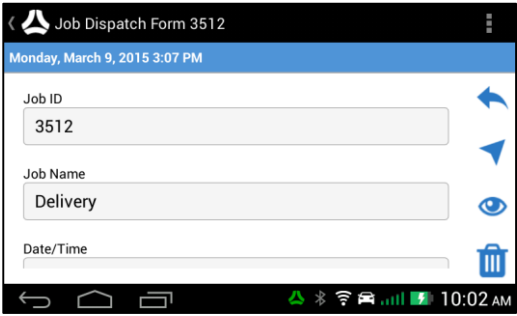
Your fleet administrator can use forms to quickly enter and send information to you in a standard format. Each Form message contains pre-set fields. Your fleet administrator may also set up reply Forms for you to use, and set up Form messages so they are deleted automatically once you have read and replied to them.

From this screen you can select:

- **Back**  to close the message without sending a reply.
- **Reply**  (see [Section 5.4](#)).
- **Delete**  (see [Section 5.10](#)).

NOTES:

- If the Form message does not require a reply, the **Reply** button is not displayed.
- If the Form message contains a Route To address, the **Go** and **Show** buttons will be displayed.



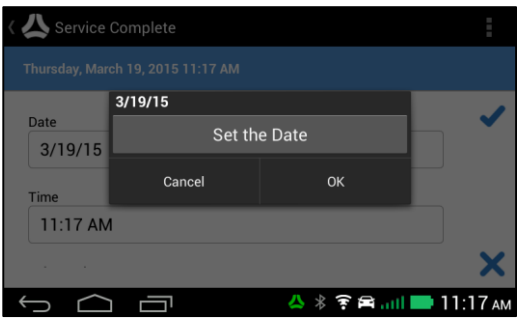
6.2 Form Fields

A form may contain one or more of the following fields:

- Date
- Time
- Numeric
- Alphanumeric
- Address
- Drop-Down Menu
- Checkbox
- Signature

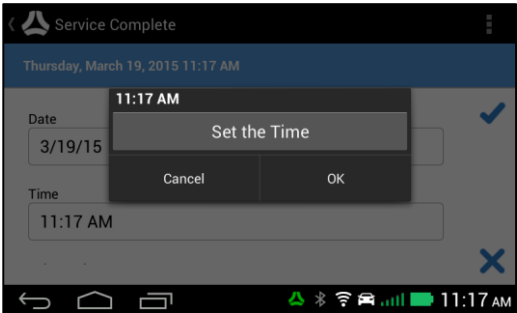
Date

You can enter the date by selecting **Set the Date**. Enter the desired date and select **Done**.



Time

You can enter the time by selecting **Set the Time**. Enter the desired time and select **Done**.



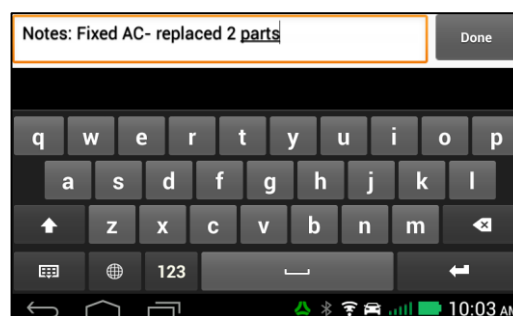
Numeric

When a field is set up as numeric field by your fleet administrator, you can only enter numbers in it. You can tap the field to display a numeric keyboard.



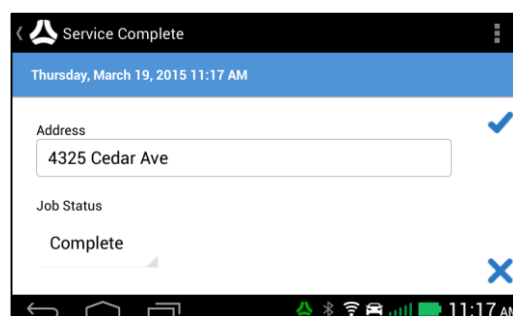
Alphanumeric

The alphanumeric field allows you to enter both letters and numbers in it. You can toggle between letters and numbers by selecting **ABC** or **123** (whichever is displayed).



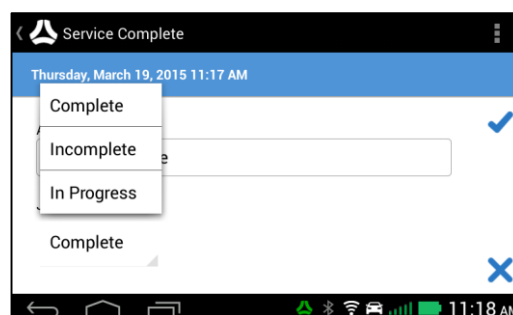
Address

The address field lets you enter an address of a location, such as a job site, customer address, etc.



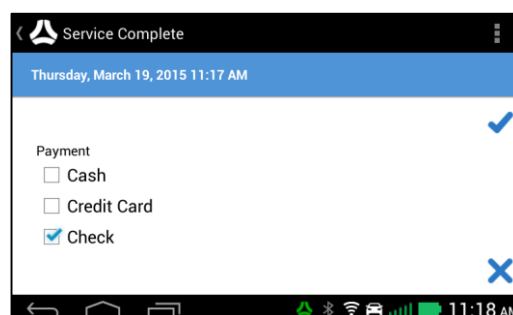
Drop-Down Menu

A drop-down menu is represented by a ▼. This field allows you to select an item from a list. You can select the field to display the list of options. Swipe up and down to view all items on the list. Tap the item to select it and it will be displayed on the field.



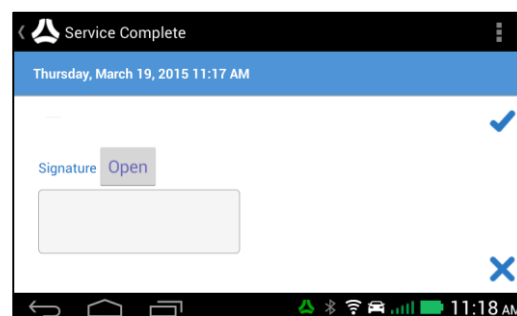
Checkbox

The checkbox field allows you to select one or more item from a given list or choices. You can tap the item to select it. A blue check appears next to an item when it has been selected.



Signature

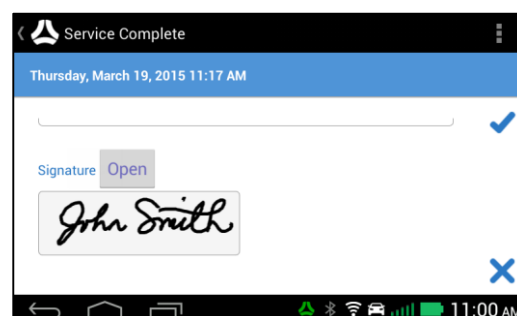
When a form contains a Signature field, you can have a customer sign on the field by selecting **Open**. The signature field will open.



A customer can sign on the white signature field. You can then select **OK** to go back to the form.



The signature will be displayed in the Signature field within the form.



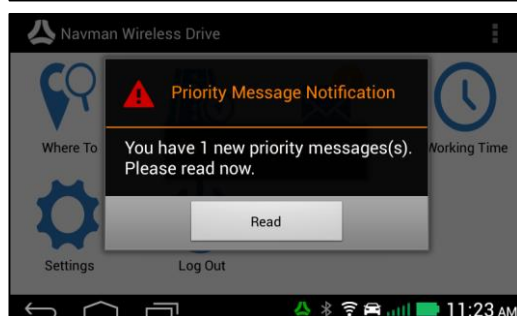
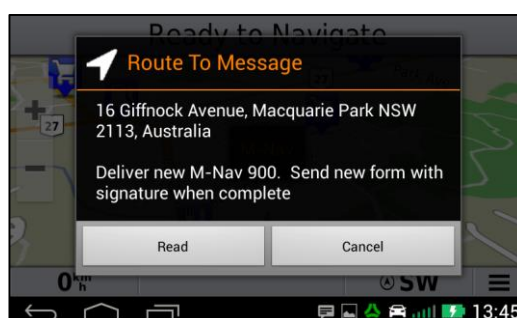
6.3 Receiving a New Message

When you receive a new message, the 'New Message' popup box is displayed and a friendly alert sounds.

You can select:

- **Read** to display the new message.
- **Cancel** to store the message to read later when it is safe or convenient.

NOTE: When a new priority message arrives, the popup box will not have the Cancel button.



6.4 Reading a Received Message

A received message can be a new message that you have not yet read, or an old message that you have stored to read later.

NOTE: Form messages may be deleted automatically after you have read and replied to them, if this feature has been enabled by your fleet administrator.

To read a received message at any time, display the 'Main Menu'.

The number of unread messages is shown on the Message icon on the Main Menu.

Select **Messages**.

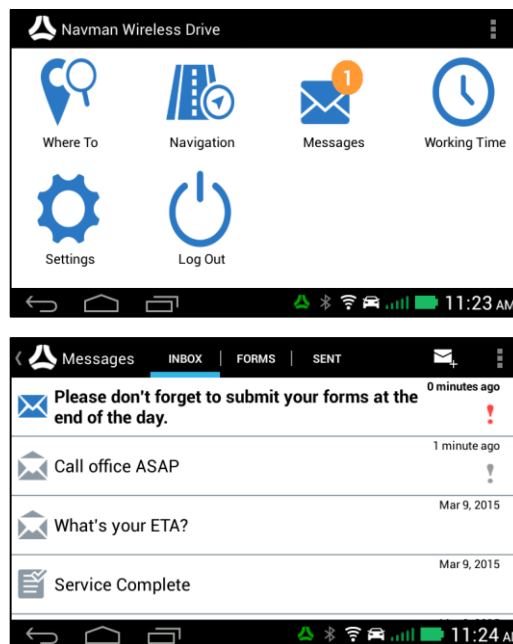
The 'Inbox' tab lists all your received messages. The most recent is at top of the list. All unread messages are in bold.

NOTE:

- High priority messages are denoted by an exclamation mark.

Swipe down to see other messages on the list.

Select a received message to read it. It will be displayed along with any previous replies. If you cannot see all of the message, swipe to scroll down the screen.



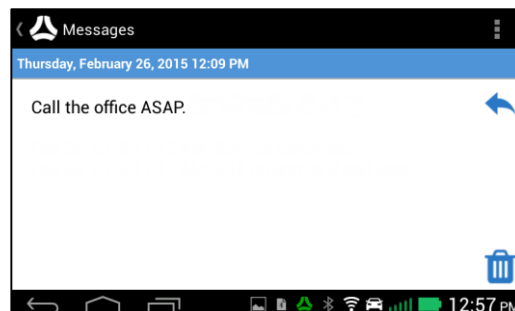
The following icons show the type of received message and its status:

	Unread Information or Route To message
	Read Information or Route To message
	Information or Route To message that has been replied to
	Unread Form message
	Read Form message

6.5 Replying with a Canned Template or Reply Form

NOTE: This section assumes that the message you want to reply to is already displayed. Any previous replies to that message are also displayed in sequence (up to a maximum of 30 replies).

Select **Reply**

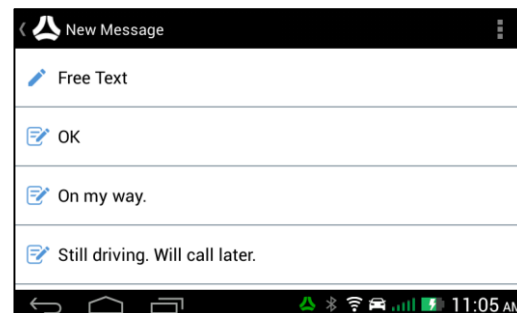


The 'New Message' screen is displayed.

Canned templates are pre-set replies that can save you time. They show common replies such as 'OK' and 'On my way.' (These are set up by your fleet administrator).

Canned templates may also contain one or more reply Forms.

Reply Forms are displayed with .

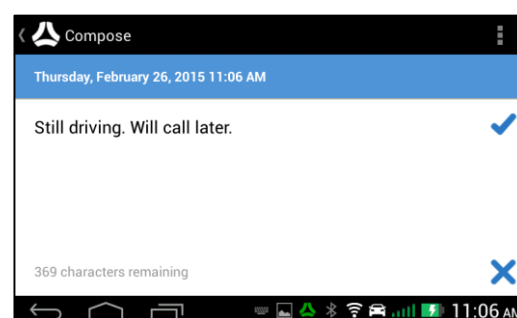


If you:

- want to reply using a canned template, select the one you want to use then read the rest of this section.
- want to reply using a Form, select the one you want to use, then see [Section 5.5](#).
- don't want to use a canned template or reply Form, select **Free text**, then see [Section 5.7](#).

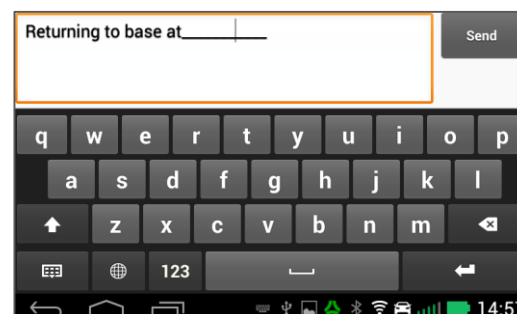
A preview of the reply is displayed on the screen.

Select  to send the message. A beep sounds when the reply is sent, and the 'Inbox' screen is displayed with an updated message status icon.



NOTE: You can reply more than once to a message. Select the message to re-display it and show any previous replies.

Some canned templates may contain editable text. These help save time as you only have to enter the relevant details. For example, if you select the canned template shown, the cursor and the line show where you can enter the estimated number of minutes before you arrive back at base (e.g. 45 minutes).

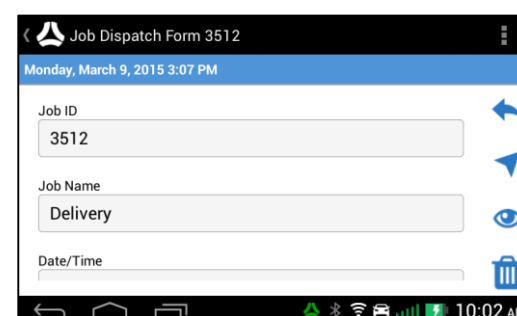


6.6 Sending a Form

You can send a Form as a new message or a reply to a received message. The forms available in your M-Nav 900/950 are set up by your fleet administrator.

NOTE: This section assumes the reply Form is already displayed.

Complete all the fields included in the form (see [Section 5.2](#)). Some fields may be greyed out if the information is entered automatically.



When you have completed all fields, select  to send the form.

Your reply is stored in your 'Sent' list (see [Section 5.6](#)).

NOTE: Your reply may be deleted automatically after you send it, if this feature has been enabled by your fleet administrator.

6.7 Viewing a Sent Message

Display the 'Main Menu'.

Select **Messages**.

The 'Inbox' screen lists all your stored messages and Form messages.

Select **Sent**.

The 'Sent' screen is displayed. This lists all your replies with the most recent one at the top of the list.

Select a reply to display the message, when it was received, and any replies that have been sent.

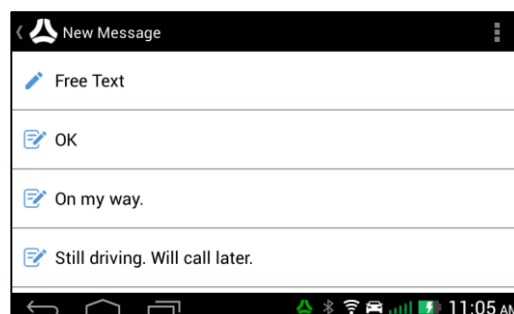
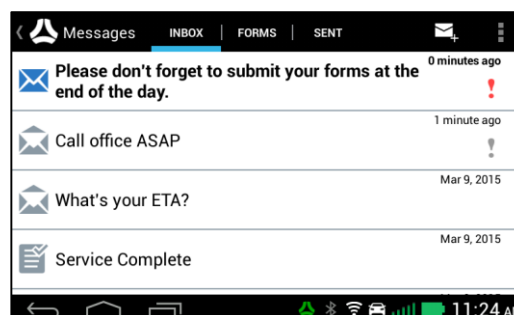
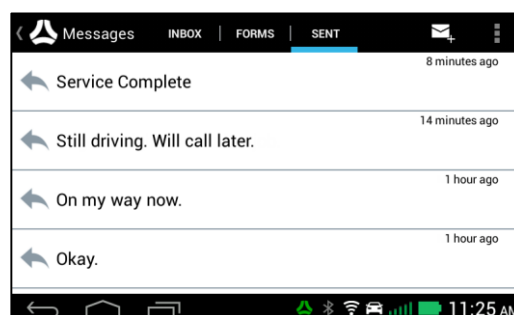
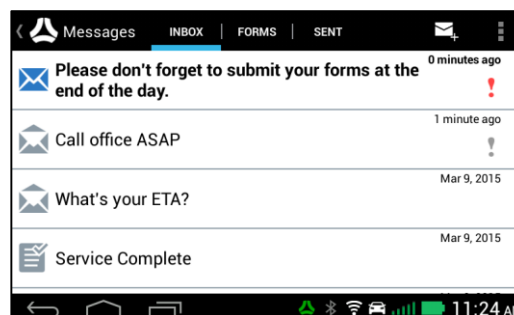
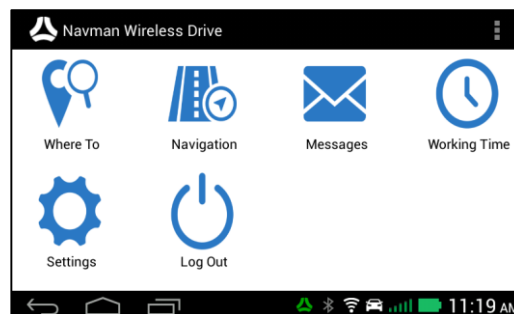
NOTE: Form message replies may be deleted automatically after you have sent them (and not stored), if this feature has been enabled by your fleet administrator.

6.8 Creating a New Message or Free Text Reply

If you want to create a new message, display the 'Messages' screen (see [Section 5.3](#)), then select .

The 'New Message' screen is displayed.

Select **Free text**.



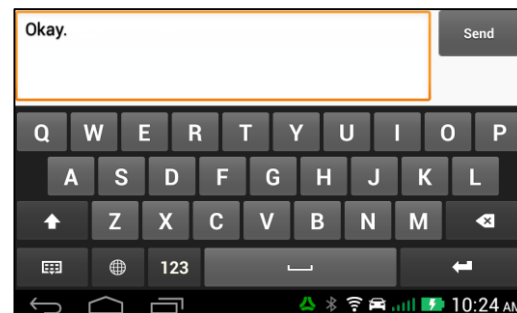
The Free text onscreen keyboard is displayed.

Type your message using the onscreen keys. Select:

- **ABC** or **123** to toggle between the numeric keyboard and the character keyboard.
- the up-arrow  to change the case of the next character.

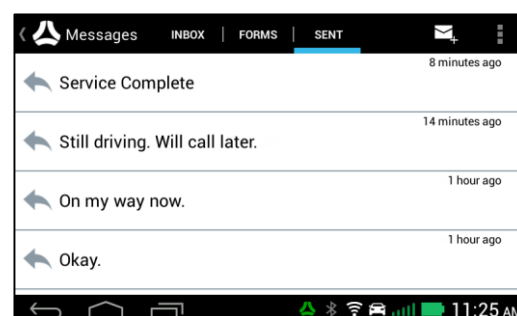
When you have finished typing the message, select **Send**.

NOTE: If you have cellular coverage, the message will be sent immediately. If you are out of coverage, the message will be stored and sent when cellular coverage is re-established.



The message is stored in your Sent messages list.

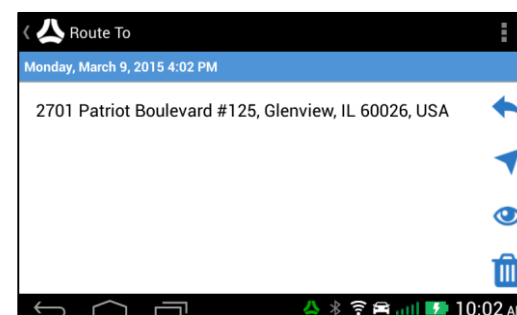
If you want to see it, or check the time it was sent, select **Sent** on the 'Messages' screen (see [Section 5.6](#)). The 'Sent' screen will be displayed.



6.9 Navigating to a Route To Location

NOTE: This section assumes the Route To message is already displayed. (A Form message can also be set up as a Route To message.)

Select **Go**  to exit from Messages and navigate to the location in the message.



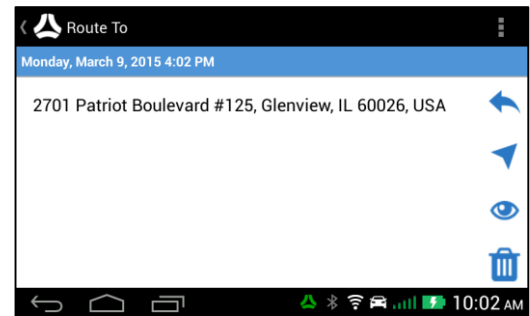
The M-Nav 900/950 calculates the new route starting from your current location and starts the navigation.



6.10 Showing a Route To Location

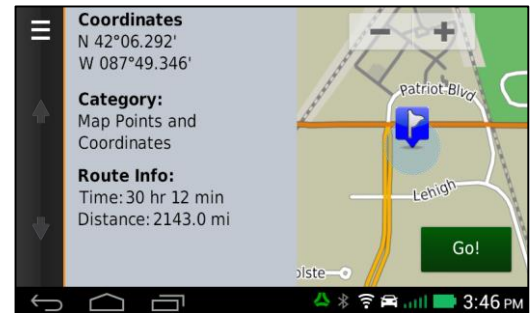
NOTE: This section assumes the Route To message is already displayed. (A Form message can also be set up as a Route To message.)

Select **Show**  to exit from the Route To message and display the map.



The location specified in the Route To message is pinpointed on the map.

Select **Go!** to start navigation.



6.11 Deleting a Message

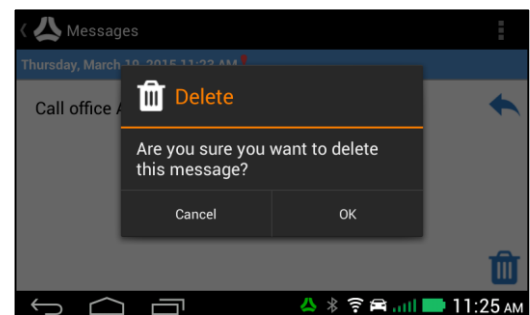
NOTE: This section assumes the message you want to delete is already displayed.

Select **Delete** .

A confirmation message is displayed.

Select:

- **OK** to delete the message. The updated Message List is displayed.
NOTE: The OnlineAVL2 application records the time the message was deleted.
- **Cancel** to cancel the deletion.



7 EMS (Engine Monitoring System)

EMS allows you to display specific engine information. Alerts for speed, RPM, temperature, fuel and oil pressure will be displayed if these exceed the limits pre-set by your fleet administrator. You can:

- continuously display multiple engine parameters while driving (instead of viewing the navigation screen)
- view a report at the end of a trip to see engine monitoring statistics.

NOTE: EMS must be set up by your fleet administrator, and the DCU (Data Collection Unit) must be installed.

7.1 Displaying EMS information

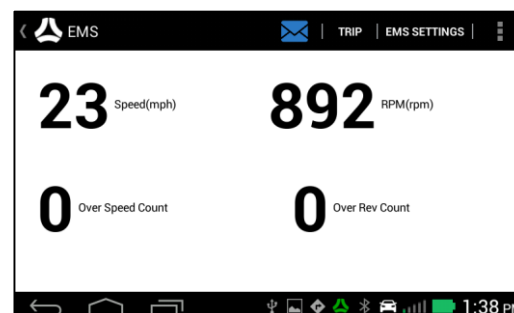
To display EMS information, display the 'Main Menu'.
Select **EMS**.



The 'EMS Dashboard' screen will be displayed. Depending on how it was set up, you will see four, six, or eight options. (The example has four options.)

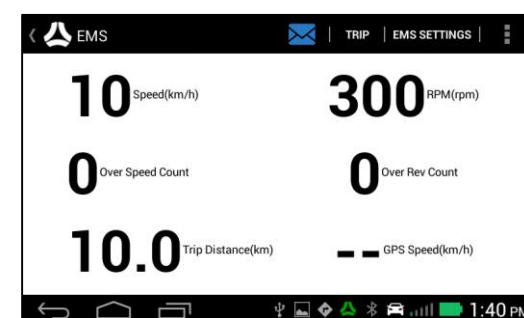
Select:

- Back** to return to the 'Main Menu'.
- EMS Settings** to change the EMS Desktop settings or check the diagnostic information.
- Trip** to view EMS statistics for the last trip.



7.2 Viewing Trip Information

Display the 'EMS Dashboard' screen.
Select **Trip**.



The 'Trip Report' screen is displayed. The relevant statistics for your last trip are displayed for the EMS parameters that have been set up.

Select **Back** to return to the 'EMS Dashboard' screen.

	Avg	Max	Min
Speed km/h	12	16	8
RPM rpm	314	388	300
Over Speed Count	0	0	0
Over Rev Count	0	0	0
Trip Distance km	10.6	11.0	10.0
GPS Speed km/h	-999	-999	-999

7.3 Setting up EMS Options

NOTES:

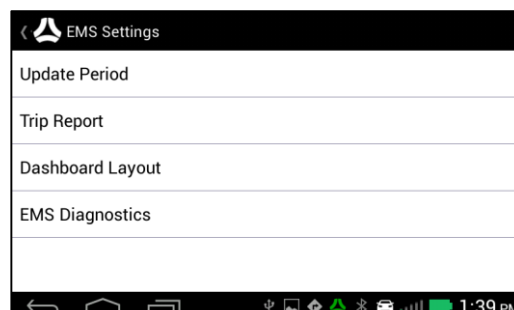
- This feature has to be enabled by your fleet administrator.
- If enabled, these options may be set up by your fleet administrator and you may not be able to change them.

Go to the 'Main Menu' and select **EMS**.

Select **Settings**. The 'EMS Settings' menu is displayed.

Select:

- **Update Period** to change the rate that updates are displayed (the default is one second).
- **Trip Report** toggles between On/Off (the default is On).
- **EMS Diagnostics** to show diagnostic information for all options that have been set up. This may be used for troubleshooting.
- **Dashboard Layout** to change the information displayed on the EMS Dashboard screen (this option will only show if it has been set up by your fleet administrator).



7.4 Changing the EMS Dashboard Screen

NOTE: These options may be set up by your fleet administrator and you may not be able to change them.

Select **Settings**. The 'EMS Settings' menu is displayed.

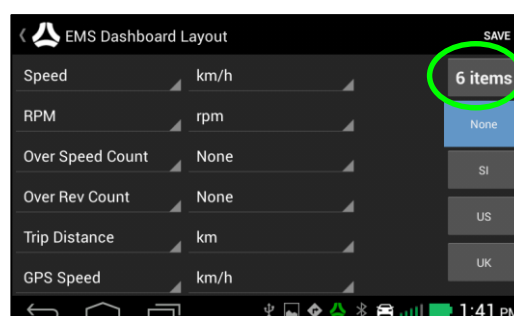
Select **Dashboard Layout**. The 'EMS Dashboard Layout' screen is displayed.

The **X Items** button (right hand panel) shows the number of items that will be displayed on the EMS Dashboard. Valid options are four, six, or eight. Keep selecting this button to toggle between the options.

Select **SAVE** to save changes.

The number of items selected will be displayed.

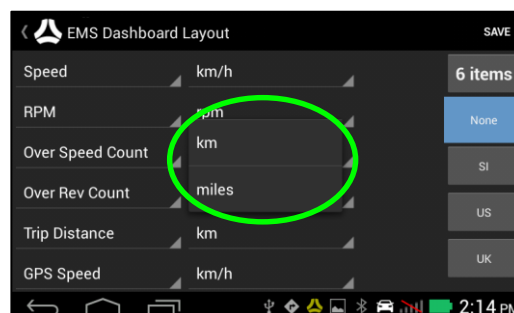
NOTE: If eight items have been selected, you will have to use the up and down arrows to see the last two items.



When the number of items has been selected, you can select inside any of the cells to display a menu of readings that can be displayed in that cell.

Select any reading to select it. (The example shows that wheel speed has been selected.)

NOTE: The units displayed for each option can be changed (e.g. from km to miles). On the right hand panel, select **None** (to set each unit separately), or choose from **SI** (Système Internationale), **US** or **UK**.



8 Working Time

The M-Nav 900/950 allows you to record when you are starting a new task, taking a break, or finishing work. The list of tasks will be set up by your fleet administrator.

NOTE: These screens will be displayed only if your fleet administrator has set up the Working Time functions in the OnlineAVL2 application.

NOTE: Your driver status can also be updated by following the Driver Log Out process described in [Section 4.8](#).

8.1 Changing Driver Status

To change your driver status, display the 'Main Menu'. Select **Working Time**.

The following information is displayed:

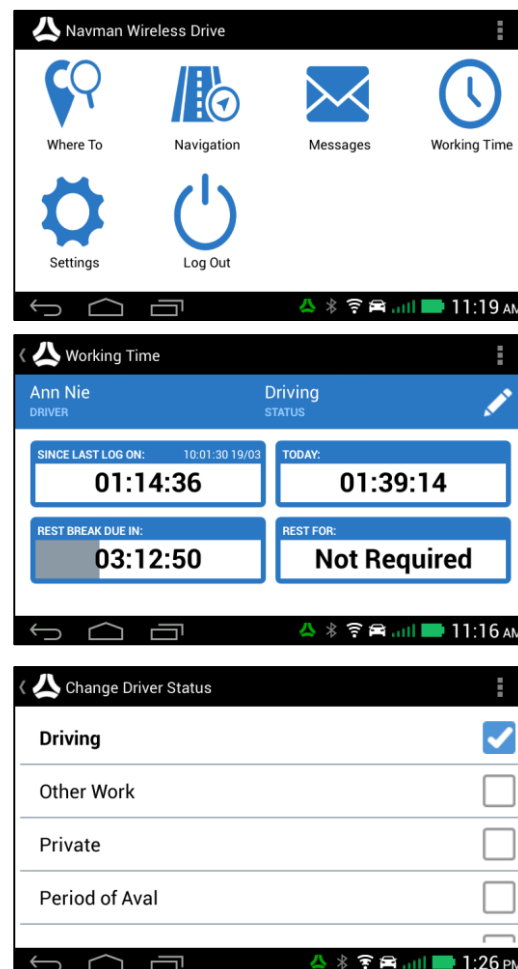
- Time since you last logged on.
- Hours worked today (this is reset at midnight).
- Time when your next rest break is due.
- Minimum length of time that you must rest for when you take a break.

To change your status, select .

The 'Change Driver Status' screen is displayed. The highlighted check mark shows the current status.

If necessary, scroll the screen to display more statuses.

Select the required status. The status will be updated and the 'Working Time' screen will be displayed.



9 Setting Your Preferences

You can set many options on your M-Nav 900/950. Refer to the Garmin manual for information on the options not described in this section.

9.1 Setting the Locale

Your locale is set via the Garmin interface when the device is started or after restoring the factory defaults. The locale sets the default language for the user interface and the units for the navigator. The time zone is also set and works in conjunction with the GPS signal to show the correct local time.

9.2 Setting the Language

The M-Nav 900 can operate in a variety of languages.

The M-Nav language is automatically set based on the Locale chosen for the Garmin navigator.

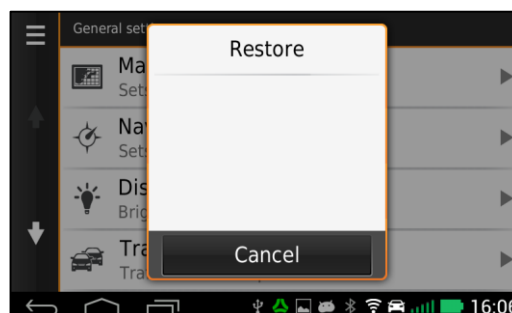
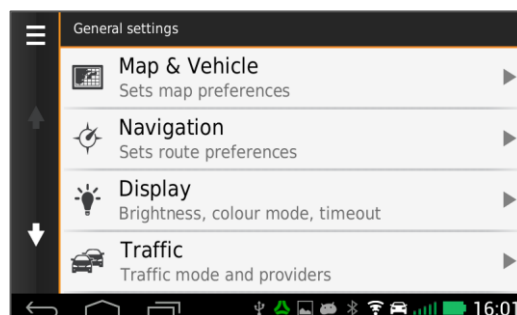
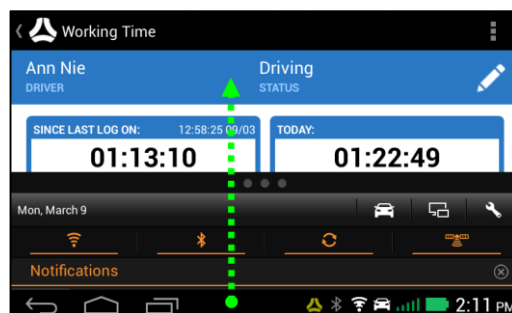
9.3 Restoring Factory Default Settings

In the unlikely case of any problems with your M-Nav 900/950 that you cannot otherwise resolve, you can restore the factory default settings.

To restore your M-Nav 900/950 to the factory default settings, display the Garmin settings menu by swiping up the notifications bar and select .

The 'System' menu is displayed.
Select  in the top-left corner.

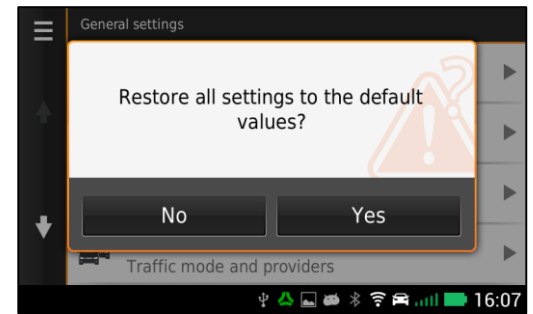
The Restore dialog box is shown.
Select **Restore** to reset the device to the factory defaults.



A further confirmation dialog box is displayed.

Select:

- **Yes** to confirm you want to restore factory settings. All the navigator settings (except for the map selection) are reset to the factory default settings.
- **No** to cancel the restore.



10 Contact Information

Navman Wireless welcomes your feedback.

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