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Hardware

Important Notices and Warnings

Global Positioning System

The **G**lobal **P**osition **S**ystem (GPS) is a satellite-based system that provides location and timing information around the globe.

GPS is operated and controlled under the sole responsibility of the Government of the United States of America, who are responsible for its availability and accuracy. Any changes in GPS availability and accuracy or in environmental conditions, may impact the operation of your G35 Navig8r. We cannot accept any liability for the availability or accuracy of GPS.

Precautions

For your safety and the safety of other road users, do not operate the controls of this G35 Navig8r whilst driving. Use care when operating the G35 Navig8r. This product is intended to be used only as an aid to navigation. It is not intended for the precise measurement of direction, distance, or location topography.

The Calculated routes are for reference only. It is the user's responsibility to follow all local traffic regulations and traffic signs when driving. Local conditions and regulations may change at short notice and may not be include in the software/mapping data of this product.

When leaving your vehicle, do not leave the G35 Navig8r on the dashboard of the car. It should be removed and placed in a secure place along with the windscreen mount and power cable. Do not leave the G35 Navig8r in direct sunlight when not driving the vehicle. Overheating of the battery may cause damage or cause the G35 Navig8r to malfunction. Extreme overheating may cause the battery to leak or worse.

GPS satellite signals cannot pass through solid materials with the exception of glass. When travelling through tunnels or inside buildings, such as parking stations, GPS positioning is not available. The time taken for the G35 Navig8r to re-acquire satellite signals when emerging from tunnels or buildings may vary and will depend on atmospheric conditions and the environment.

A minimum of 4 GPS satellite signals is required to determine the G35 Navig8rs current location. Signal reception can be affected by atmospheric conditions such as; bad weather, thick clouds, solar activity and dense overhead objects such as trees, tall buildings and large road signs. Wireless devices can also interfere with satellite reception.

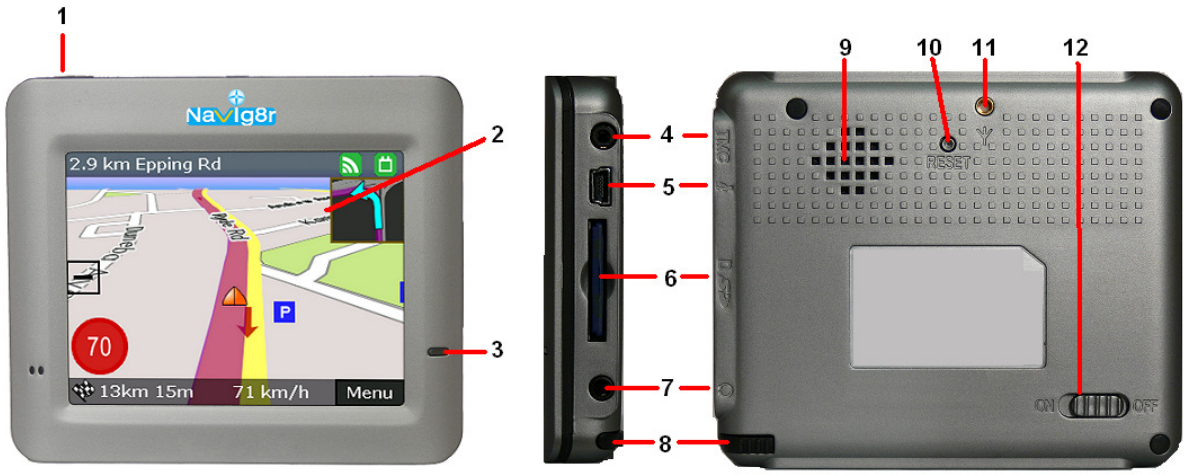
The use of devices with a GPS antenna is prohibited on most aircraft, hospitals and other locations that contain sensitive equipment. The G35 Navig8r should not be used in these environments.

Getting Started

Unpack the box and identify the contents. You should have the following items.

Item	Description	Item	Description
1	The G35 Navig8r GPS unit	2	G35 GPS device holder
3	Windscreen Mount	4	Car Charger (12v DC)
5	USB Data Cable	6	User Manual (This Document)
7	240V AC Charger		

Getting to Know Your G35 Navig8r



Item	Description	Item	Description
1	Power Button	2	Touch Screen Panel
3	Charge Indicator Light	4	TMC feature socket (For future use)
5	USB Connection	6	SDHC Card Slot (Card not supplied)
7	3.5mm Stereo Earphone / Audio out	8	Stylus Recess
9	Speaker	10	Reset Button
11	External Antenna Socket (MMCX)	12	Main ON/OFF switch

Warning

This G35 Navig8r should not be used in conditions of high temperature, high humidity or dusty conditions. We recommend that the G35 Navig8r is not left in direct sunlight for extended periods or left fitted to the windscreen or dashboard of the vehicle whilst unattended.

Prolonged exposure to high temperature may cause the G35 Navig8r to malfunction and may even cause permanent damage to the G35 Navig8r.

There are no user serviceable parts in this device. Opening the device may cause harm and damage the device. Any attempt to disassemble this device will void the warranty.

Images, screen shots and features shown in this manual may vary slightly from the actual product. We reserve the right to make changes to this product without notice.

Before Using Your G35 GPS Unit

Please check the contents of the packaging and ensure that all equipment is located and identified. The protective screen cover may be left on the device but may impede the viewing of the device in normal operation.

Connect the G35 GPS unit to the supplied 240Volt AC adaptor or to the USB port of your computer for a period of 24 hours in the first instance to charge and condition the battery. It may take several charge/discharge cycles for the device to reach peak endurance. The charging process will take longer if the device is turned on.

Subsequent charging should take less time to complete.

Charging can be completed with the main switch of the GPS unit in the OFF position.

Once the initial charge has been completed turn the GPS device on, slide the ON/OFF switch to the ON position. The G35 Navig8r should start at the System Main Menu.

To turn the device off for short periods press and hold the power button on the top of the unit for about 3 seconds. This will place the GPS in to standby mode. To turn the GPS on again, simply press the power button for 3 seconds. The device will return to the same screen it was on when it was turned off. If you are planning on not using the GPS for periods of greater than a day or so, it is recommend the device be turned off. This method will retain power in the battery when you next turn it on. Using this switch will cause the GPS to restart. You will not be returned to the last screen.

Prior to using the GPS system for the first time it is recommended that the touch screen be calibrated. Please see the system setting instructions further on in this manual.

Mounting the GPS Unit in Your Vehicle

Fit the windscreen mount to the holder which you have attached to the rear of the GPS unit and test mount the GPS on the windscreen of the car. Choose a position that will not obstruct your vision whilst driving but will also provide the GPS unit the best coverage of the sky through the windscreen. Loosen the two knobs on the mount to allow movement of the pivot points.

The G35 Navig8r should only be fitted on fixed windows.

Once the best location has been determined, remove the protective film from the suction cap of the windscreen mount and, on clean glass, fit firmly against the windscreen. Push the tab located on the top of the suction cup towards the windscreen until it locks in place. For best results it is recommended that the suction cup be moistened before fitting.

In a normal driving position adjust the GPS to a position that will be in view whilst driving and does not obstruct your view of the road. Once the correct position has been found tighten the two knobs on the mount to prevent the GPS moving from vibration. Do not over tighten these knobs.

Changes in temperatures and condensation may cause the suction cup to become loose and should be checked on a regular basis. To avoid damage or theft, the GPS should not be left on the windscreen mount overnight.

To remove the mount from the windscreen, take hold of the mount in one hand and use the other to pull the tab away from the mount. Locate the plastic tab on the side of the suction cup and gently pull away from the windscreen to break the seal.

N.B: Tinted windows may impede the G35 Navig8rs ability to detect the GPS satellites correctly.

Connecting the Car Charger

Caution: *To protect the GPS against the possibility of damage caused by power surges when the vehicle is started, the charger should not be connected to the GPS device when the vehicle is started.*

The car charger supplies power to the device when it is being used in the vehicle.

Connect the USB plug to the USB socket of the GPS and then fit the other end in to the cigarette/power outlet of your vehicle once the vehicle has been started.

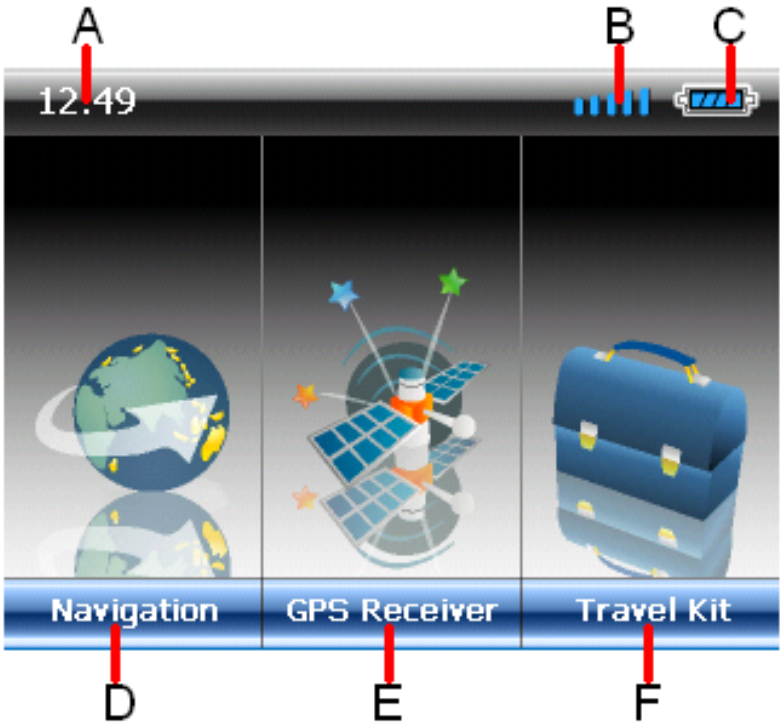
The charge light indicator on the GPS should glow when connected to power.

The GPS can now be started by pressing the power button on top of the device for about 3 seconds (please ensure that the main power switch is in the on position).The GPS will start at the Main System Menu.

When starting the GPS in the vehicle it may take a short period of time for the system to acquire a valid GPS signal. Please make sure that the GPS unit has a clear view of the sky and is not impeded by trees, awnings, car ports or similar obstructions.

To turn the GPS off, press and hold the power button for 3 seconds. The G35 Navig8r will be powered down and the position in the menu structure saved; when the G35 Navig8r is started again it will start up in the same screen or position in the program it was in when it was turned off.

Main System Menu



Item	Title	Description
A	Time	Displays the current local time
B	Volume	Shows the current volume level
C	Battery	Displays the charge level of the battery
D	NAVIGATION	Launches the Navig8r Navigation Software
E	GPS Receiver	Launches the GPS status software
F	Travel Kit	Launches the Extra features and System software

Main Menu Explained

Note: Prior to launching Navigation program or any features, please ensure that Navig8r G35 GPS unit is fully charged and has a clear view of the Sky. The GPS software and the GPS status software will not work correctly without a GPS signal.

A: Time

Displays the current local time.

B: Volume

Displays the current volume level for the GPS unit. The volume level can be set in the Travel Kit area or in the Navig8r Navigation Software.

C: Battery

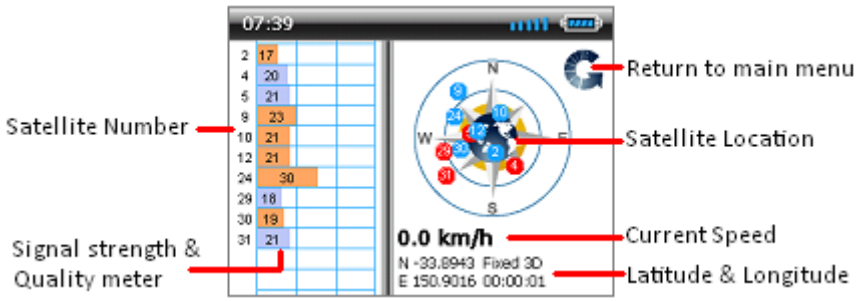
This icon displays the current level of charge for the GPS unit. The indicator will change from blue to white as the battery is discharged.

D: Navigation

Tap this icon to enter the Navigation software. Please refer to part 2 of the manual for detailed instructions.

E: GPS Receiver

1) Tap the GPS Receiver Icon to display information about the number and strength of satellite signals being received by the GPS.



2) To return to the Main Menu Tap the Icon in the top right hand corner of the screen.

F: Travel Kit

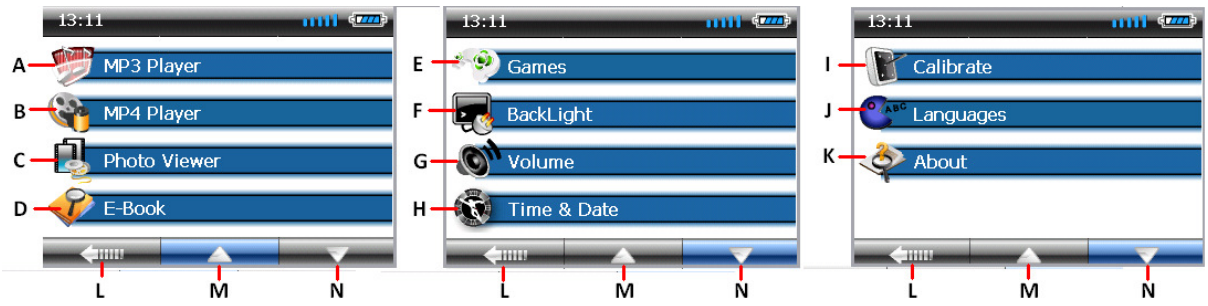
The Travel Kit contains the system settings menu and the extra features of the Navig8r G35 GPS system.

Tap the Travel kit icon to enter the menu.

To see further options tap the icon.

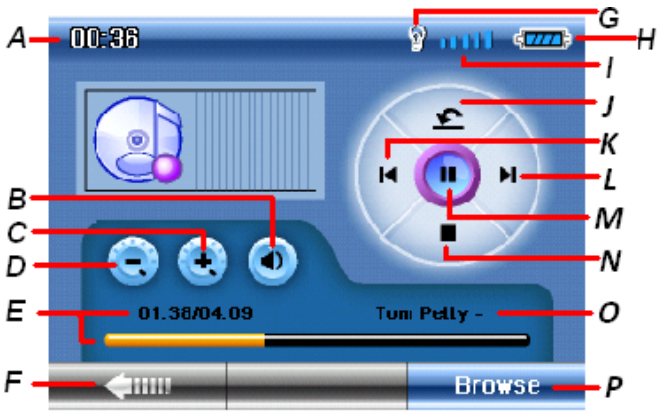
Tap the icon to return to the previous screen.

Tap the icon to return to the main menu at any time.



Item	Title	Description
A	MP3 Player	Launches the MP3 Music player
B	MP4 Player	Launches the Video Player
C	Photo Viewer	Launches the Photo Viewer.
D	E-Book	Launches The E-Book Viewer.
E	Games	Enters the Games Menu.
F	Backlight	For adjusting the Backlight
G	Volume	For adjusting the System Volume
H	Date & Time	Enter to set the current Time and Date
I	Calibrate	Enter to recalibrate the Touch Screen
J	Languages	Set the Main System language
K	About	Enter to see Information about the hardware.
L	Return	Return to the Main System menu
M	Back	Return back to the previous screen
N	Next	Proceed to the next menu screen

Tap the MP3 Player Icon to start the MP3 Playback feature. The player can play files in the MP3 or WMA format only. Tap the Browse button to select a file to play

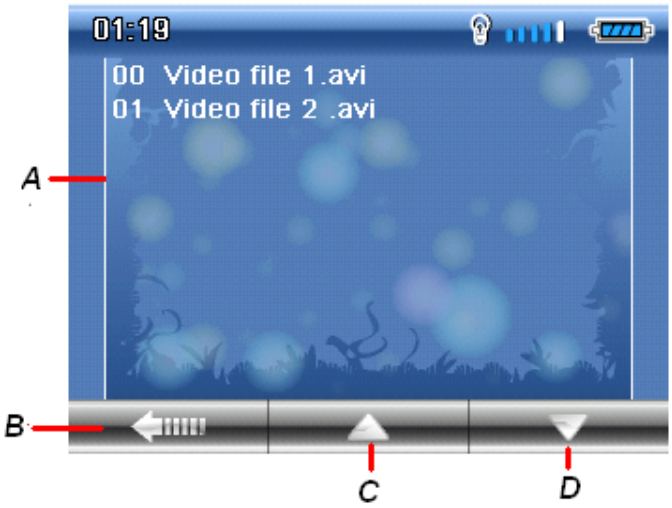


A	Current file
B	Mute Audio
C	Volume Up
D	Volume Down
E	Time/position for current file
F	Stop and return to Main Menu
G	Not Used
H	Battery Status Indicator
I	Volume Level Indicator
J	Normal/Repeat Track Toggle
K	Play previous file
L	Play next file
M	Pause/Play current file
N	Stop playback of current file
O	Current file name
P	Browse for files

A	List of Available MP3/WMA files
B	Return to Previous Screen
C	Scroll Up
D	Scroll Down

Double tap on the required file to be played. Playback will start automatically.

To View Video Files on you GPS tap the above icon. You will be shown all file Video files compatible with the player currently on the device. This feature should not be used whilst in control of a vehicle.



A	List of Available Video files.
B	Return to Previous Screen
C	Scroll Up
D	Scroll Down

To Begin Playback, double tap on the file to be played. Playback will begin automatically in full screen.

During playback, tap the screen to pause the video and display the control bar.

A	Return to Previous Screen
B	Resume Playback
C	Status Bar
D	Total time indicator

Tap along the Status Bar to View a particular area of the video.

Tap the Resume Playback button to start the playback again or tap on the return button to stop playback and return to the previous screen.

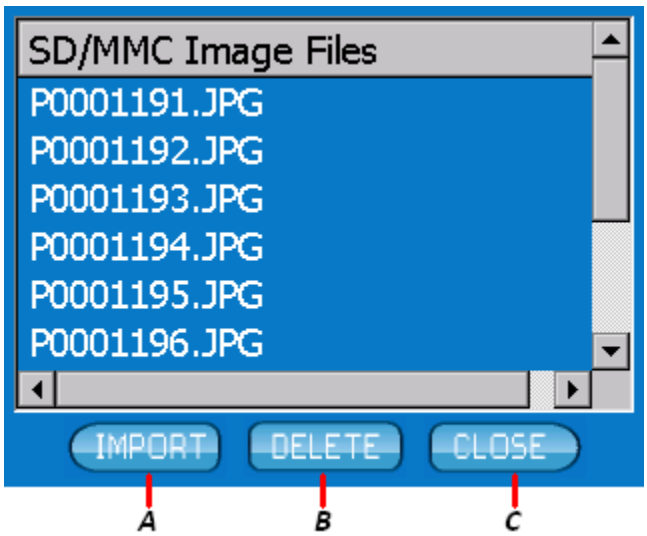
Please note: The AVI format is a container format and can be created by many different processes. It is possible that certain AVI files may not play on this GPS. Trial and error may be required for converting video files for playback on this device.

Photo Viewer

Double tap to display JPEG images on the GPS. The View will launch and display the first available image. This feature should not be used whilst in control of a vehicle.

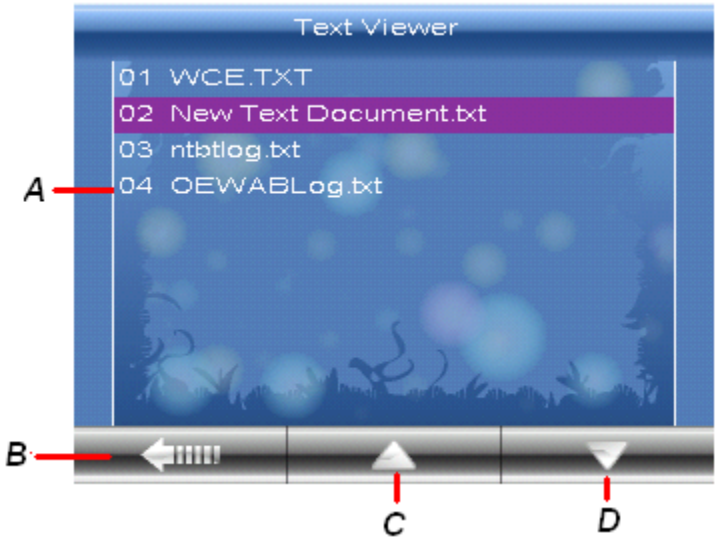
A	Display the First Image
B	Displays the Previous Image
C	Displays the Next Image
D	Displays the Last Image
E	Displays a List of Viewable files On the GPS
F	Close the Picture Viewer

Double tap images in the file list to display the image. It is recommended the image files are reduced to the resolution of this GPS to reduce file size and aid the device to display the images.



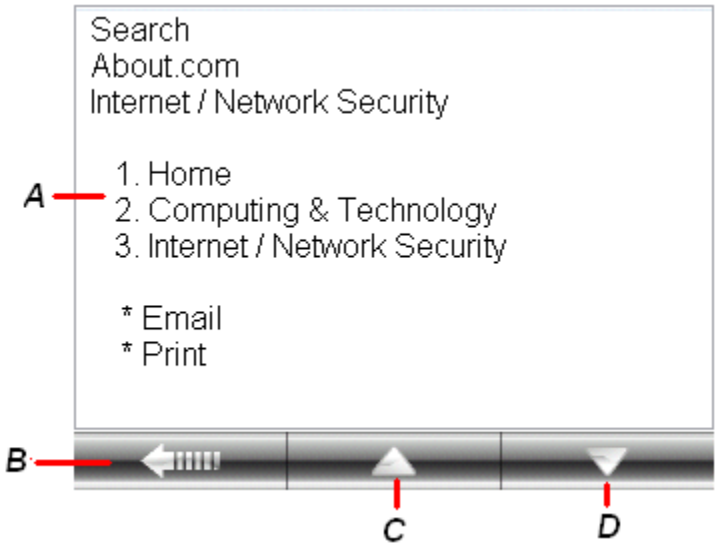
A	Scans the SD card for valid image files and displays them on the list.
B	Deletes a selected image form the list. It will not delete the image from the card
C	Closes the file list and returns to the Main image viewer

Double tap to display Text files on the GPS. Only plain text files can be displayed on this GPS. This feature should not be used whilst in control of a vehicle.



A	List of Available text files.
B	Return to Previous Screen
C	Scroll Up
D	Scroll Down

To Begin Viewing, double tap on the file to be displayed.



A	Contents of Select Text File
B	Return to Previous Screen
C	Scroll Up
D	Scroll Down

To end viewing, tap the return button to return to the previous screen.

Included in the Navig8r G35 GPS are 6 Games. Tap on the above icon in the Main Menu to enter the Games Zone.

This feature should not be used whilst in control of a vehicle.

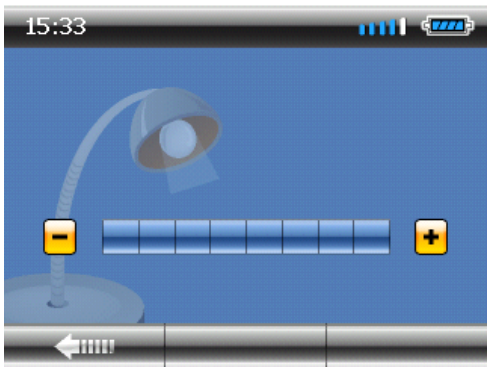
Included in the Navig8r G35 GPS are the following games

Pacman	Bubbles
Breakout	Tetris
Memory	Othello

Tap the required game to begin. Use the Stylus to control the game.

BackLight

Adjust the back light of the GPS as required.



Use the button and the button to adjust the screen brightness.

As a power saving feature, the screen will automatically dim slightly when removed from a power supply.

Please adjust the settings accordingly.

Tap the back button to return to the previous screen.

Volume

Adjust the main volume of the GPS as required

Use the button and the button to adjust the main system volume.

The G35 Navigation software includes a volume control which will override the settings made in this window.

Tap the back button to return to the previous screen.

Time & Date

Adjust the time and date of the GPS device.

Tap the required field to adjust. The display is set in hours, minutes, seconds, and then year, month and day.

With the required field highlighted, tap the button and the button to adjust the value until correct. The time is displayed in 24 hour format.

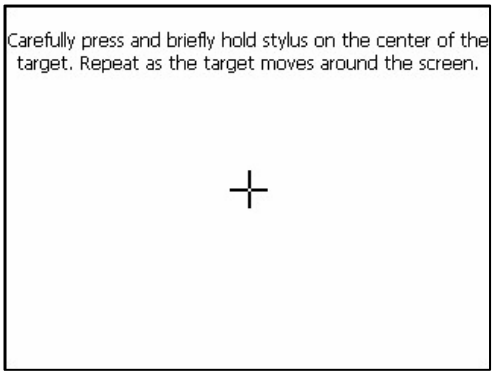
Tap the ok button when complete.

Tap the back button to return to the previous screen.

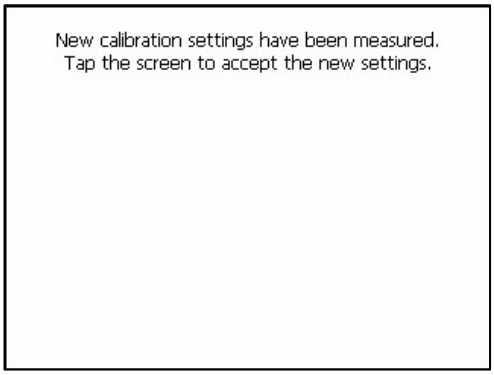
The G35 Navigation software will automatically detect the time from the GPS satellite signal and adjust it in accordance with your location. Daylight Saving time is automatically adjusted.

Calibrate

From time to time it may be necessary to recalibrate the touch screen on this device. It is recommended that this should be completed prior to first use and then as needed if the screen is felt to be not responding correctly.



Follow the instructions on the screen and touch the end of the stylus to the centre of the cross displayed on the screen. Repeat each time a new cross is shown until all 5 crosses have been touched.



When the calibration has been completed this screen will be displayed. Touch the screen again to return to the system Info screen.

If the calibration fails the process will start again.
Repeat calibration until completed.

The display will return to the main menu when completed.

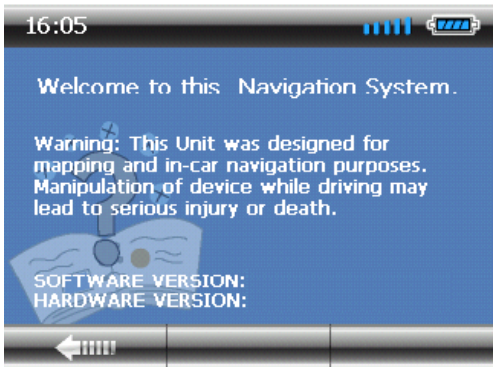
Change the Language displayed in the main system menus and features.

Tap the required Icon to change language shown on the GPS. 3 options are available.

GB	ENGLISH
PL	POLISH
HU	HUNGARIAN

This will only affect the Main system menu. It will not change the spoken or displayed language of the GPS Navigation software.

The “About” window displays information about the Navig8r G35 GPS system.



This information may vary for actual display. We reserve the right to change the hardware as required.

Tap the back button to return to the previous screen.

Connecting the G35 GPS to a Computer

The Navig8r G35 GPS system requires no drivers or software to be installed when connecting to PC’s running Windows 2000 or later. Please use the USB cable supplied with the GPS.

The device will be displayed in the “My Computer” window as two removable devices and will be assigned the next available drive letters.

The first drive assigned will be the main system memory and contains the devices operating system and the navigation software.

Extreme care should be used if accessing this drive. Deleting files may cause the device to fail. Deleted files are not recoverable and will void the warranty.

For more information please visit HTTP://WWW.NAVIG8R.COM.AU/G35

Trouble Shooting

GPS unit will not turn on	Make sure that the unit has been charged correctly or is connected to an external power supply.
Nothing happens when starting the Navigation program from the main menu.	Connect the G35 GPS to the PC and confirm system files are contained on the GPS. Please contact technical support.
Screen does not respond to taps.	Turn the unit off and on again. If it still does not respond reset the system using the reset button on the rear of the casing.
Some buttons respond but others do not	Try recalibrating the screen from the main menu
Pictures (JPG) take a long time to load.	If images are from a digital camera, try resizing the image. Images only need to be 320 X 240 pixels. This will save space on the card as well.
AVI files are not loading.	As above. If the resolution of the video file is too high it may cause problems with playback. Try reducing the resolution of the video file you wish to play.
GPS will not turn on after being on charge for a long time.	Check that the unit was charged correctly. If charged from a USB port. Make sure that the computer was on for the charging process. Use the stylus and press the reset button. The System should start.
The GPS unit will lose charge if not used for 2 or 3 days.	This is normal. The GPS system is only placed in standby when the power button is pressed. The System is never fully turned off. If the GPS is not to be used for long periods please turn off the main switch on the rear of the device.

NAVIGATION

Before Using the G35 Navig8r Please Read the Following

Personal Navigation devices are designed to be an aid to navigation only. They are to be used in conjunction with all local road rules, laws and regulations. It is the responsibility of the driver to ensure that the vehicle is driven in a safe manner in compliance with these laws.

In most states it is illegal to operate a GPS system while driving a vehicle. When entering information into the GPS please pull over safely to the side of the road before using this device. It is better to set the destination for the GPS before you start on your trip rather than trying to enter it on the move.

When positioning the GPS system on the windscreen of your vehicle makes sure that it is place in a position that provides a clear view of the road ahead but should also be placed so that the driver does not have to look away from the road to check the screen.

The first time the GPS unit is used, or it has not been used for some time, it may take some several minutes for it to detect the GPS satellites. Restarting the system in the same location should acquire the signals quickly.

Please read this section carefully before using the G35 Navig8r.

Key Features

- Highly accurate maps.
- Familiar map skins.
- Choice of Maps skins.
- Intuitive menus.
- Locally customised *Text to Speech* voice engine.
- Simple to use.
- Easily updated Software and Map data*.

*Conditions may apply. Internet connection required.

Getting Started with Your G35 Navig8r GPS System

Please read the previous section about charging the G35 Navig8r before using and ensure that it is fully charged.

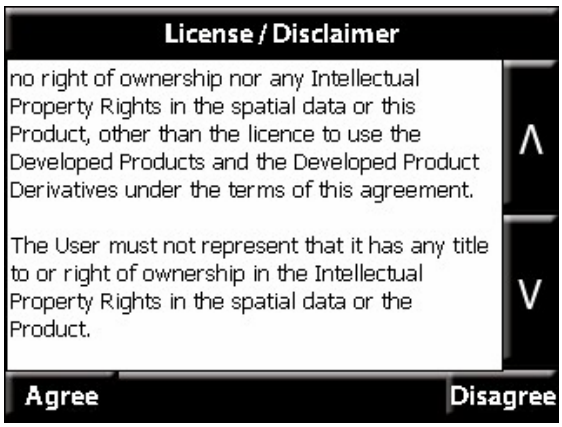
Turn the G35 Navig8r on and tap the Navigation icon to start the Navig8r software.

After the Welcome Screen Please read the License / Disclaimer screen before continuing.

To continue tap the “Agree” button.

By tapping the “Agree” the user accepts all conditions stated in the License / Disclaimer page.

If you do not agree tap the “Disagree” button to return to the Main System Menu.

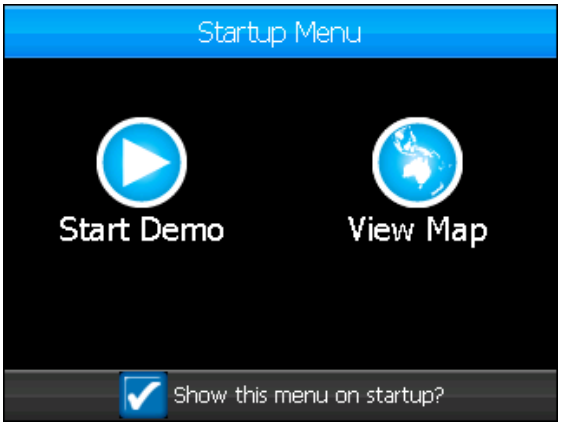


This is the Start up page.

Tap “Start Demo” if you wish to see a demonstration of the Navigation Mode of the G35 Navig8r.

Tap to “View Map” to continue to the main maps screen.

If you do not wish this screen to be displayed at start up, tap the “Tick” icon to uncheck the box and then make your selection.

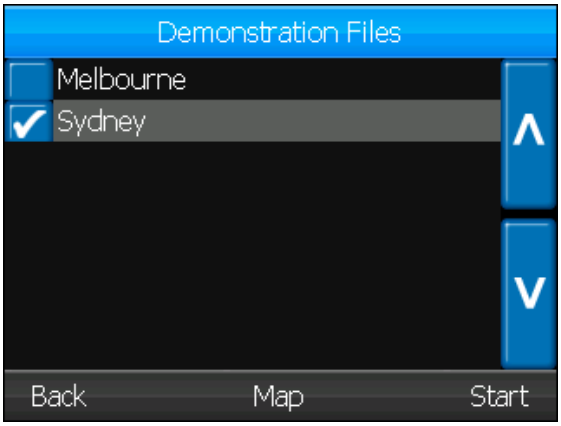


If the Start Demo option has been selected, please tap a Demonstration Route to be viewed.

The Demonstration routes are recorded actual routes using the G35.

Playback is at 5 times the recorded speed.

When the selection has been made, tap the “Start” button to begin the demonstration route.



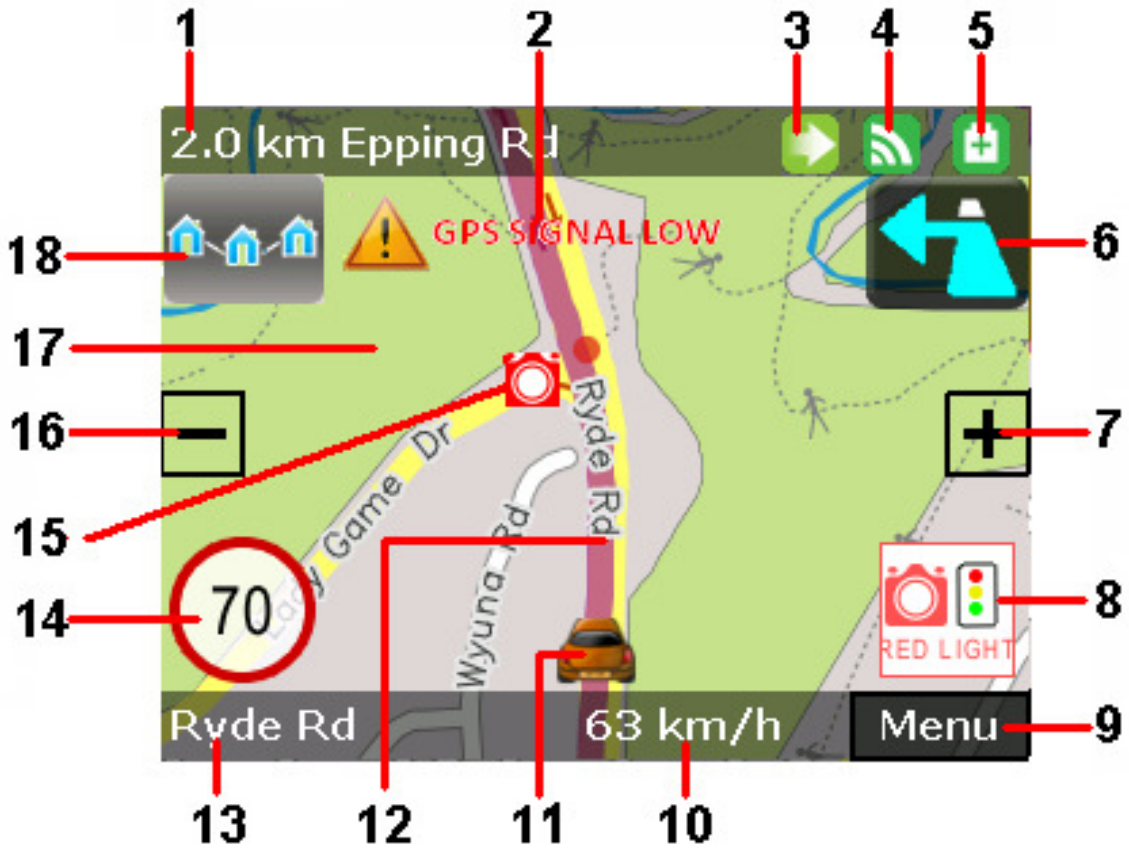
The demonstration route can be stopped at any time by tapping the “Menu” button and then the “End Trip” button.

For more information on Demonstration feature, please see the “Options Menu” later in this manual.

Tap the “Map” button to continue to the main map screen without starting the Demonstration Route or the “Back” button to return to the “Start-up Menu”

MAIN MAP SCREEN

Getting to Know the Main Map Screen

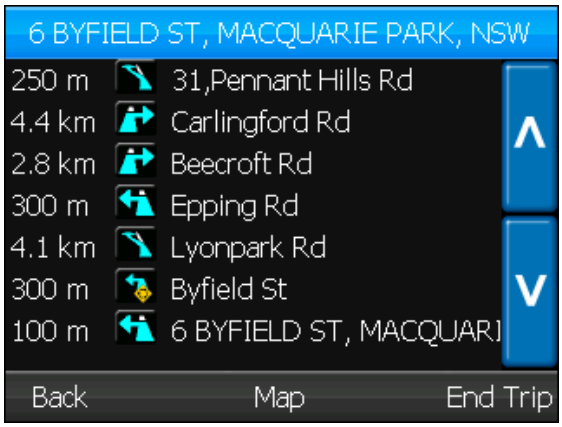


	Description	*Cruise*	*Route*	***Action***
1	Next Turn by Name / Turn By Turn Menu	✗	✓	Displays information on the next turn Tap to display route turn by turn list
2	GPS Signal Warning Message	✓	✓	Shown when GPS signal low or not found
3	Quick Route Options	✗	✓	Displays the quick route options screen.
4	GPS Signal Indicator	✓	✓	*Amber = signal too low to be accurate* *Green = signal good* Tap to display Signal information page
5	Battery Level Indicator	✓	✓	*Red = battery level Low* *Amber = battery level half* *Green = battery level full* *Displayed with plug = power connected* Tap to display detailed battery information
6	Next Turn /Future view Repeat Last Spoken Instruction	✗	✓	Displays the next turn action required on route. Tap to repeat last spoken instruction on route.
7 & 16	Zoom in / Out on map	✓	✓	Zooms in or out on maps (Speed dependant)
8	Speed / Red Light Camera Alert	✓	✓	Displayed when within 250 meter of known camera location camera
9	Exit to Main Menu Button	✓	✓	Exits Map screen to the main menu
10	Current Speed Indicator / Speedo / Trip Statistics Button.	✓	✓	Displays current vehicle speed as calculated from GPS signal. Tap to display Speedo page and Trip statistics.
11	Current Position Indicator	✓	✓	Displays current location on map
12	Route Overlay	✗	✓	Overlay displayed on the roads to be taken for the Calculated route.
13	Current Road Name / ETA Indicator	✗	✓	Displays name of current name of road. Tap to display distance remaining and ETA in route mode.
14	Current speed limit/Over speed warning icon*	✓	✓	Displays the speed limit on the road currently being travelled on and warns of speeding
15	Speed / Red Light Camera Location	✓	✗	Displays the location of the safety camera
17	Scrolling Maps	✗	✓	Push the map around to show the surrounding area
18	Waypoint Navigation	✗	✓	Tap to access waypoint listing (If in use)

Supplied as a 30 day trail from SpeedAlert™. Trial starts from first Valid GPS lock after unit is turned on. Please see page 38 for further details.

1 Next Turn by Name / Turn By Turn Menu

This screen will be blank when in cruise mode. This screen shows the next street or road you need to turn into and the current distance from the turn. Tap on this to display the Turn By turn List for the calculated route.



Top bar show the destination address. Use the up and down arrows on the side to scroll through the list to display all the turns in the route. Distance shown is the distance between each turn you must make to follow the route.

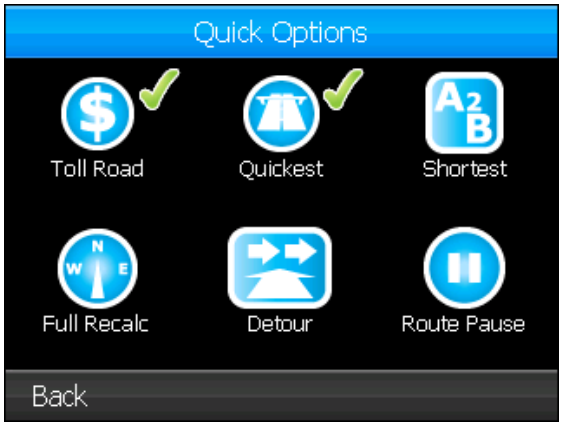
Tap the Back and Map buttons to return to the Main Map screen or the End Trip to stop the calculated route and return to Cruise mode.

2 Low GPS Satellite Signal Warning Message

A low satellite warning message will be displayed when less than 5 satellites are being detected.

See Number 4 (GPS Signal Indicator) for more details.

3 Quick Options Menu



Only displayed when in a route, this menu gives several quick options for changing the criteria for the current route.

If active, the icon will be shown with a ✓.

A: Toll Road: When selected (as shown) will allow the system to calculate the route along tolls roads between the current and selected destination.

B: Quickest Route: Calculates the route for the quickest journey. This option may be longer but should take less time.

C: Shortest Route: Calculates the route for the shortest distance between current location and destination. Even though the distance may be shorter, the journey may take longer depending on the assigned speed limits for the roads travelled.

D: Full Recalc: Forces the G35 to recalculate the full route from your current location to the destination address. This feature is useful if you decide to make a side trip from your calculated route. The inbuilt “return to route” feature will always try to return you to the calculated route if you miss a turn. The “Full Recalc” option allows for the full recalculation to ensure that the best route from your current location is used.

E: Detour: Use this option to find a way around an accident or road works. Detour will work out an alternative route from the calculated route for 500 meters, 1 Kilometre, 3 Kilometres or 5 Kilometres and then return to the original route. For longer detours it is recommend that the 5 Kilometre option is used and then use the "Full Recalc" option as this should recalculate the best route from you new location.

***NOTE:**Detour will only function if an alternative route is available and viable.*

F: Route Pause: The "Route Pause" option allows you to pause the GPS unit if you decide to make a minor detour off the road but have not missed a turn. If during your trip you wish to stop at a shopping centre for lunch, this feature allows you to pause the trip to prevent the GPS unit for trying to recalculate the route back to the road.

A warning message will be displayed on the main map screen if the trip has been paused. Tap on the icon in the Quick Trip options to resume the trip or on the warning message.

4 GPS Signal Indicator

The GPS signal status icon is displayed in all modes The G35 Nvaig8r requires valid signals from at least 5 satellites to determine your current location accurately and to be able to calculate routes.

If shown in RED, no Satellites are being detected and the location shown on screen may not be the actual location of the GPS unit but the last location for the G35 that it detected valid satellite signals. No trips can be calculated until 5 or more satellites are detected.

If shown in AMBER, less than 5 valid satellite signals are being received. Less than 5 satellite signals do not provide enough accurate data for the GPS unit. If the signal drops during a calculated route, the map will be paused until the signal is detected again.

If shown in GREEN, 5 or more satellites are being detected and the G35 can accurately determine the current location. Routes can now be calculated.

Tap on the GPS icon to show the GPS information screen. The following information will be displayed.

Latitude and Longitude: Displays the current Latitude and Longitude of the G35

Bearing: Shows the bearing in degrees for the current direction of travel. The system must be in motion for this reading to be correct.

Speed: Shows the current speed in kilometres of the GPS unit. The reading may fluctuate if the unit has just been turned.

Satellites: Shows the number of satellites the G35 is receiving a valid signal from. The larger the number the greater the accuracy of the G35. Up to 12 satellites can be detected at any one time.

Altitude: Shows the current altitude of the G35 GPS system as calculated from the satellite signals.

Precision: The lower the number, the more accurate the data from the GPS satellites is.

Tap on the Back or Map buttons to return to the main map screen.

5 Battery Level Indicator

This icon shows the current level of charge remaining in the battery or if the unit is connected to an external power source like the USB port of the computer or the car adaptor.

Green with + Indicates that the GPS unit is connected to an external power source and is charging.

Red Indicates that the battery level is low and should be connected to a power source as soon as possible

Amber Indicates that the battery is approximately half charged.

Green Indicates that the battery is fully or near fully charged.

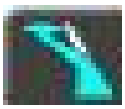
Tap on the Battery Level Indicator icon to show the battery information screen. This screen will show the battery level displayed in percentage when not connected to external power source.

Tap on the Back or Map button to return to the Main Map screen.

6 Next Turn Indicator / FutureView & Repeat Last Spoken Direction Button

During Navigation mode an icon is shown on the screen to indicate the type of action to be taken at the next intersection. There are 2 types of icons you can have displayed.

Please refer to the “Look & Feel” for information about selecting these options.



Indicator The Indicator view displays an icon that is indicative of the next turn only. This icon may not truly represent the upcoming turn and is meant as a visual guide only.

FutureView FutureView, if selected can display a representation of the approaching intersection. This is very usefully if approaching complex intersections.

Both options are a representative only. Due to circumstances beyond our control, intersections may vary or change and these changes may not have been included in your current map version.

Tap either icon to repeat the last spoken instructions by the G35. Distances given in spoken instructions are updated to reflect the current distance from the turn.

7 (& 16) Zoom In and Out of Maps

When stationary you can zoom in and out in the map screen to display a greater or less area than is currently being displayed. This is useful when stopped to get a more detailed look at the area around your current location.

Not all levels of Zoom are available at all times. This ensures that the there is not too much detail on the screen for the driver to take in while in control of a motor vehicle.

The Zoom level can be set to by the driver to a level that they feel comfortable with and see clearly whist driving.

Zooms in on the map

Zooms out on the map

When it is not possible to either zoom in or out on the map these buttons will not be shown on the screen or will be displayed very faintly.

8 Speed and Red Light Camera Alert

These icons are displayed when a known Red Light or Fixed Speed camera is within 250 meters of your current location. Along with the Icon displayed on the screen the sound of a camera shutter should also be heard when the icon is first shown. (The sound can be turned on/off through the Trip Options menu.)The icon of the camera is also shown on the map to indicate the general location of the camera. (Please see number 14)

Warning! While the information about fixed safety cameras is as up to date as possible, new cameras are being installed on a regular basis. It is the responsibility of the driver of the vehicle to drive in a legal and safe manner and in accordance with all local laws and regulations.

9 Exit to Main Menu Button

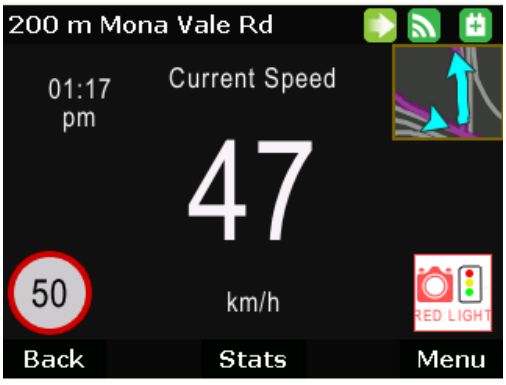
This buttons opens the Main GPS menu for Settings, Route and General Options and Destination options. Please see The Main Menu Section in this manual.

10 Current Speed Indicator / Speedo / Trip Statistics Button

The current speed of the GPS unit is displayed in both cruise and navigation modes on the lower bar. Two Speedometer displays are available for selection in the “Look and Feel” settings.

Tap the Speed indicator to enter the Speedometer/Statistics screen.

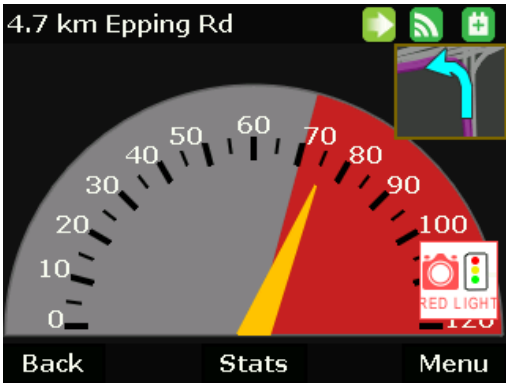
Digital: Displayed in this screen are the Local time and the present speed that the G35 GPS is travelling at as calculated from the GPS satellite signals.



Local time is calculated from the GPS position and satellite signals. It will automatically adjust for daylight savings time in appropriate areas.

All overlays displayed on the main screen are displayed on this screen.

Analogue: The Analogue Speedo provides a more traditional view. The SpeedAlert™ information is shown by marking the speed limit in red on the dial. This changes as the speed limit changes.*



This dial provides a quick visual reference for checking your speed.

Turn overlays and Red/Speed camera warnings are displayed on this screen,

Requires optional SpeedAlert™ Subscription.

Tap the Stats button to display the Trip Statistics page. Displayed first is the “Last Trip Statistics”. This shows the information about the current route being navigated. These pages only function in navigation mode and the data will be reset each time a new destination is chosen.

The information can be manually reset during the route by tapping the “Reset” button.

Tap on the ∧ button or the ∨ button to scroll up and down to see all the information displayed on this page.

The information displayed is only calculated while the system detects satellite signals and is explained below.

Avg. Speed	Average speed of entire trip including time vehicle is stopped
Avg. Driving Speed	Average speed of the vehicle while in motion
Max Speed	Maximum speed attained by vehicle
Total Time	Total time vehicle has been on trip
Driving Time	Time that vehicle has been in motion on trip
Stopped Time	Time that vehicle or GPS unit has been stopped
Total Distance	Total distance travelled for trip
Min Altitude	Minimum altitude the vehicle attained during trip
Max Altitude	Maximum altitude the vehicle attained during trip.

Tap the “All Trips” button for more.

Although the All Trips Statistics page displays the same information, it is calculated in a different manner. This information is calculated from when the system was turned on or when it was it was last reset.

Tap the “Reset” button to reset the information I this page. It will not reset the information in the “Last Trip Statistics” page.

Tap the “Back” button to return to the “Speed” screen.

11 Current Position Indicator

Is shown on the map screen to indicate the position of the vehicle. The map is orientated so that direction you are travelling is always towards the top of the screen.

The orientation is fixed and cannot be changed.

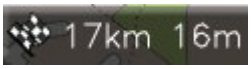
12 Route Overlay

In Navigation Mode, a coloured path is overlayed on to the calculated route. This gives the driver a visual indication of the route to be driven as well as the audio instructions and other information for driving the route.

13 Current Road / ETA Indicator

In Cruise mode, the road name of your current location is displayed.

In Navigation Mode, tap on the road name to toggle between the current road name and the Estimated Time of Arrival to your destination.



The ETA shows distance to destination in Kilometres and the estimated time to reach your destination.

14 Current Speed Limit/ Overspeed warning Icon.

This feature is supplied as 30 day trial. Continued use will require the purchase of a registration code.

Shown on the map in both Cruise and Navigation mode, this icon displays the current speed limit for the road currently being travelled along. Warnings are given if GPS is detected to be travelling over the speed limit.

Default Warnings are

Greater than 1 KPH over limit: Icon turns red.
Greater than 5 KPH over limit: Icon Turns red + Single Beep
Greater than 10 KHP over limit: Icon turns red + Double Beep + Voice warning quoting limit.
Greater than 15 KPH over limit: Icon turns red + Triple Beep + Repeated Voice Warning quoting Speed limit.

These warning can be adjusted in the “Trip Options” Menu.

It is the responsibility of the driver to be aware of the posted speed limit at all times. LaserCo accept no responsibility for the accuracy of this information contained in the SpeedAlert™ Data

Special Speed Restriction Warning Icons.
This icon is only displayed when travelling through known restricted speed zones such as School Zones and Variable Speed Zones on Motor Way and Toll Roads. Warnings for School Zones are displayed from Monday to Friday during gazetted restricted times. Warnings may be displayed on public and school holidays.

15 Speed / Red Light Camera Location

In addition to the Safety Camera Warning Icon (8), the location of the camera is displayed on the map.

Red for Red Light cameras and Blue for Fixed Speed Cameras, these icons are positioned on the map to show the approximate location of the Safety Cameras.

16 Please see 7

17 Scrolling Maps

To view outside of the area displayed on the screen, touch the screen and push away from the direction you wish to view

For example: If you wish to see the area behind your current location place the stylus on the screen just above the Position indicator and draw the stylus towards the bottom of the screen.

The Map will be redrawn to show the area behind you current location.

You can use the Zoom in and Zoom out button (7 & 16) to see the map in more detail or from further out.

When you have finished tap on the back button to return view to the normal position.

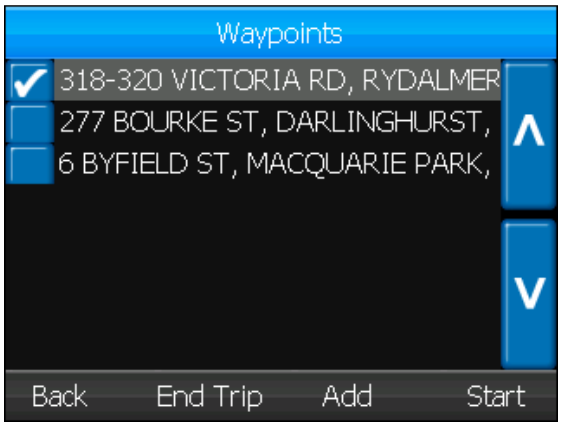
(This feature can only be made when maps are shown in 2D mode)

18 Waypoint Navigation

Displayed only if the Route being used has had waypoints included. Routes calculated from point to destination only will not have this icon displayed.

If you have included waypoints in to your journey the Turn By turn Screen will only display the turn by turn details for the next waypoint and not the entire route.

Tap this icon to enter the Waypoints screen to adjust your trip as required.



This screen will display all the waypoints that are still to be navigated to. If you have already passed waypoints in your journey they will automatically be removed from this list.

The address displayed with a ☑ is the address used as the next waypoint the system is calculating the journey to this address

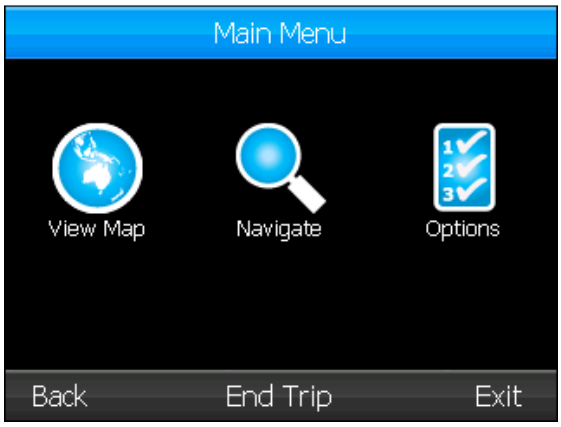
Back	Returns to the previous screen
End Trip	Ends the Current journey.
Add	Add a new waypoint to you journey.
Start	Start the trip to a new Waypoint (If added)

For more information on the Waypoint feature please see page 41

The Main Menu

The Main Menu allows you to access the Main Map, the Navigation function and the options menu.

Select from the following options.



View Map: Described previously.

Navigate To: For selecting the destination for Your trip.

Options: For setting the options for the Map, Sound and Trip options

Back: Returns you to the Map screen.

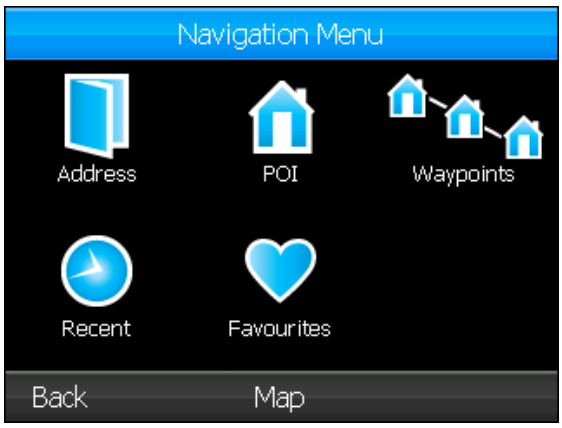
End Trip: Cancels your current Navigation. (*Displayed in Navigation Mode only).*

Exit: Exits the Navig8r Navigation program and returns to the Main System Menu.

The "Navigation" Menu.

From the Navigation Menu, you can search for an address, Points of Interest, Recent Places navigated too and Favourites that you have added from previous trips.

Select the required option for selecting your destination or tap the Back button to return to the Main Menu or the Map button to go to the Map screen.

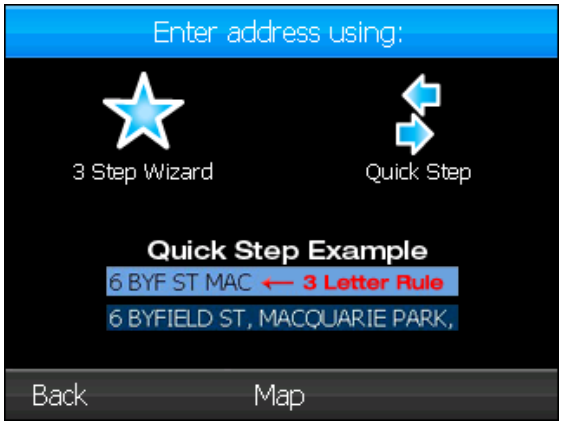


Entering Your Destination by an Address

There are two ways you can enter the address of your destination.

You can use the "3 Step Wizard" to enter the address of your destination by entering in the address by city, town or suburb, the street name and then the street number.

Using the Quick Step, you only need to enter the number and then the first 3 letters of the street name and then the first 3 letters of the suburb.



Tap on the "Back" button to return to the Navigation menu or the "Map" button to go to the Map screen.

Entering Your Destination by the 3 Step Wizard

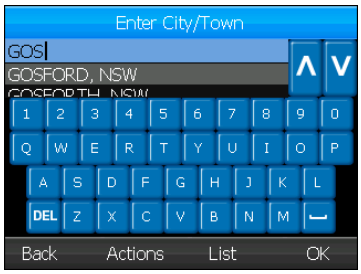
Tap on the 3 Step Wizard icon to begin entering you destinations address.

Step 1: The Town, City or Suburb.

Using the stylus, spell out the name of the city, town or suburb of your destination.

After the first 3 letters have been entered, the G35 will begin to list the possible options from those letters. Continue entering the name to refine the list.

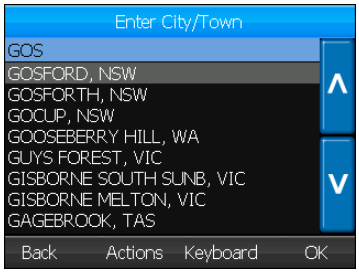
Tap the ⎵ button to enter a space if required, or the DEL button to go back a space if you have made a mistake.



If the correct destination is displayed and highlighted, tap the "OK" button to continue to the next step.

To display the entire list at any time, tap the "List" button to remove the keypad. If the correct destination is displayed, tap on the correct listing and then tap the "OK" button to continue.

Tap the "Keyboard" button to display the keypad again.



Step 2: The Street Name

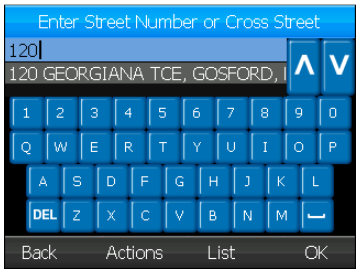
Once the correct suburb of your destination has been chosen, use the same step above to enter the street name of your destination.

The more letters that are entered for the street name, the more refined the list is.

Use the list option to view more results or, if the correct street is displayed, tap on the "OK" button.

Step 3: The Street Number or Cross Street

You can now enter the street number of the destination.

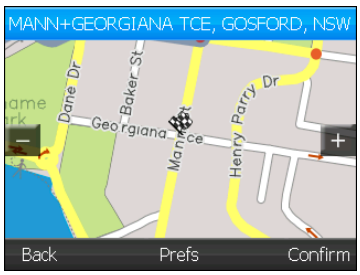


Again the list will show all the possible listings from the numbers entered. It will also show all subdivided addresses listed i.e. 5a or combined blocks; that are addressed like 6 – 8.

If you do not know the exact number of your destination, you can choose to enter in the name of the nearest cross street to your destination. (This feature is only available via the 3 Step Wizard option)

Once the correct number or cross street has been entered, tap on the "Ok" button to continue.

The selected address will be displayed in a map screen with a shown to mark your destination.



If the destination shown on the map is not the correct one, tap the back button to re enter the address. Alternatively, touching a nearby location on the map will relocate the destination flag. (The map can be moved around if the destination is not within the current view. See the *Fine Tuning the Destination* section for more details).

To start the route to the new destination tap "Confirm". The G35 will calculate the route to your destination and begin to give you instructions.

TIP: Once a Suburb or Town has been selected, you can tap on the "OK" button instead of entering a Street name. The destination will automatically be shown as the centre of the Suburb or Town that you have chosen.

Entering Your Destination Using Quick Step Method

The alterantive to using the 3 Step Wizard as described previously is the Quick Step method.

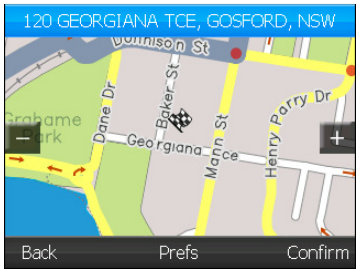
Enter the street number, the first 3 letters of the street name, the street type (st, rd, tce etc.) and the first 3 letters of the suburb or town of your destination.

For the example used above to navigate to 120 Georgiana Terace in Gosford, you would enter **120 GEO TCE GOS.**

If more than one address is possible from the combination entered, they will be displayed in list form. To veiw the list tap the "List" button.

Use the button or the button to scroll through the options and when you have found the correct address, tap it to hightlight it and then press the "OK" button

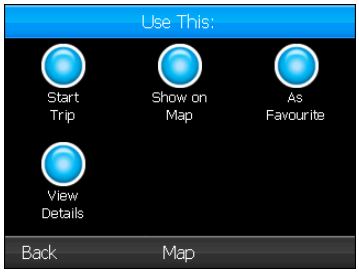
As with the 3 Step Mode, your destination is displayed on the map for you to confirm or modify before begining your journey.



Tips and Tricks for Selecting Your Destination

Destination Options

When entering the destination in either the "3 Step Wizard" or the "Quick Step" method, you will notice at the bottom of the screen a button marked "Actions". This button can be tapped at any time to enter the options for your selected destination. These options allow you to:



Start trip: Start the trip with only the suburb or town selected. As the location will be position in the middle of the area selected, the location maker may not be close enough to a road to calculate a valid route

Show on Map: This option will display on the map the destination with whatever information the system has been given. Tap on the "Back" button to return to the Option screen.

As Favourite: This option adds the current information to your Favourites List for later navigation.

View Details: This will display the address details or your chosen destination including full address and altitude/longitude

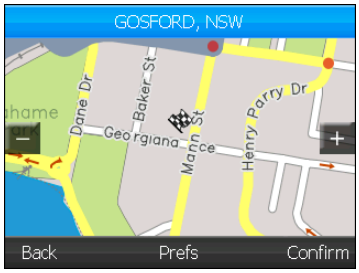
Tap the "Back" button to return to the previous screen or the "Map" button show the map screen.

Fine Tuning the Destination

When you have entered your address using either the "3 Step Wizard" or the "Quick Step" method you can fine tune or alter the destination on the screen using the stylus. Zoom in or out, scroll the map, and then pin-point the location on the map to be used as you destination. This is handy if you do not know the specific address of your destination but know the surrounding area. For example, if the house is on a known road but you do not know the number but remember that it is opposite a park.

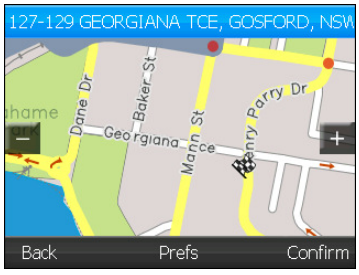
Enter in as much of the address as possible, even if it is only the suburb of your Destination.

Tap the "OK" button until the Destination is displayed on the map for you to confirm.



You can then use the stylus to tap anywhere on the map. Each time you tap on the map, the new address will be displayed on the top bar.

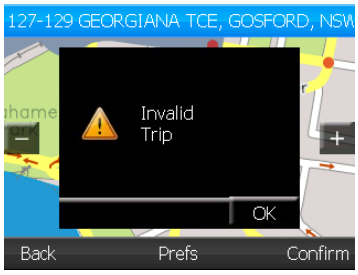
Tap on the + button to zoom in on the map to give more detail or tap on the − button to zoom out to show a greater area.



You can also drag the map around by placing the stylus on the screen and moving it across the screen. If the stylus is dragged to the right of the screen the map of to the left will now be displayed. You can repeat this at any zoom level until the area you are looking for is displayed. Zooming in to the lowest level will allow you the greatest accuracy for a destination.

Tap the screen in the correct location to place the destination marker at the desired location and then tap the "Confirm" button to start your trip.

Remember when placing the marker, it should be as close as possible to a road. If the marker is placed too far away from road the G35 will not be able to calculate a valid route to the location.



In some cases it is possible that the G35 may display an “Invalid Trip” message. If this message is shown, please check that the destination is part of a valid road network. For instance, it is not possible to travel by road from Sydney to Hobart. The G35 can only calculate routes that are connected by a valid road. The software does not include tracks or trails that are not officially part of the Australian road network. Please check the destination if you have received this message.

For some destinations the route may be too complex to calculate for one trip. It may not be possible to calculate a route from Melbourne to Broome because the complexity and the location of this particular destination. We recommend that for Journey such as these, a midpoint is selected for the first part of the journey and from there the final part of the route will be calculated.

Please plan your journey carefully and remember that GPS devices are only meant to be an aid to navigation around the Australian Road network.

Trip Preferences

Prior to beginning your trip you are able to set the “Trip” preferences by tapping the “Prefs” button on.

Select one of the following Route method options. The current option will be flagged by the ✓ on the button.

Quickest Route: this option calculates the route based on road types and classes between your current location and the destination. The physical distance to your destination may be slightly longer than the “Shortest Route” option but should require less travelling time.

Shortest Route: This option calculates the route based on the shortest physical distance between your current location and your destination. Depending on the type and class of roads used on this trip it may take longer than the Quickest route option.

Walking: The Walking option will calculate a route to your destination and may direct you along one way streets the wrong way, over footbridges and along paths. Some routes may be determined as “Too Long” for this mode. If this is reported, consider breaking your trip into several stages.

The following buttons are on / off options. On is shown by the ✓ on the button. If not shown this feature is off.

Toll Roads: If on, Toll Roads will be used in the route to your destination if required. If this option is off, no Toll Roads will be used and an alternative route will be calculated.

Camera Alert: When on, a warning sound will be played when approaching the location of known fixed safety cameras. Visual warnings are always displayed in both Cruise and Navigation modes.

SpeedAlert™: Tap to enter the screen for adjusting the Audible alerts for the SpeedAlert™ Feature. Visual warnings are fixed and cannot be turned off. Tap on to enable trial version for first use. Trial will not start until this button is pressed.

SpeedAlert™ Settings

*The Navig8r G35 is supplied with a Free 30 day trial of the SpeedAlert™ feature. This feature displays the Current Speed Limit for the road that you are traveling on.**

The speed limit is shown on the screen as a standard speed limit symbol. This feature includes visual and audiable warnings to let the driver of the vehicle know if they are going over the speed limit. It also alerts the driver when the speed zones have changed and what the new zone is This feature is provided by SpeedAlert™.

This feature is provided by SpeedAlert™ More information on coverage and costs can be found at the following location. HTTP://WWW.NAVIG8R.COM.AU/UPDATES_SPEED.HTM.

**Coverage may not be avaialable in all areas.*

Tap the SpeedAlert™ button to enter the settings page.

Dispayed are the options for enabling or disabling the audiable warnings for the SpeedAlert™ feature.

Tap the button to toggle the selection ON or OFF.

The Visial warnings can not be disabled and will be show at all times.

SpeedAlert™ Enabled	This button overrides all other settings to disable/enable the audiable alerts.
High Alert	Toggles the Vocal alert for High Over Speed Warnings.
Low Alert	Toggles the Vocal alert for Low Over Speed Warnings.
Camera Alert	Toggles the Vocal alert for Safety camera Warnings.
Speed Change	Toggles the Vocal Speed Limit Change warnings.
Zone Change	Toggles the Zone Change warnings.

Tap the "**BACK**" Button to return to the previous screen, the "**Map**" button to display the map or the "**More**" button to adjust the threshold for the Over Speed warnings. Please note that the “Really high Over Speed” warning cannot be turned off. Please drive carefully.

Tap the SpeedAlert™ button to enter the settings page.

Displayed are the options or enabling or disabling the audible warnings for the SpeedAlert™ feature.

Tap the button to toggle the selection ON or OFF.

The Visual warnings cannot be disabled and will be shown at all times.

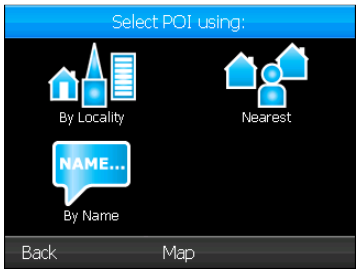
Use the Stylus to adjust the Over Speed warning threshold.

Thresholds cannot be set lower than the proceeding value. For instance you cannot set the High Threshold lower than the Low Threshold.

It is recommended that a minimum of 3 Km/h is kept between each value.

Search for Places (Points of Inerest or POI)

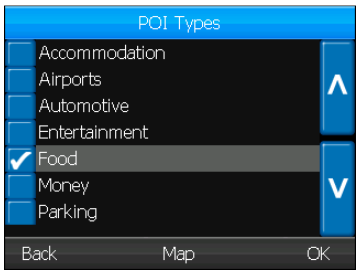
The Search for Places feature allows you to search for Points of Interest by Location, by the Nearest to your current location or by the Name of the Point of Interest.



Tap the “Back” button to return to the previous screen or the “Map” button show the map screen.

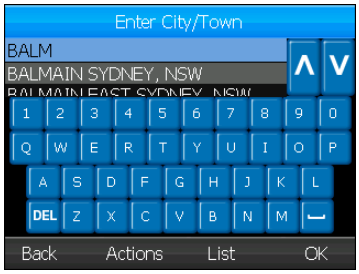
Searching By Locality:

Tap the “By Locality” button and then select the type of POI that you are looking for.



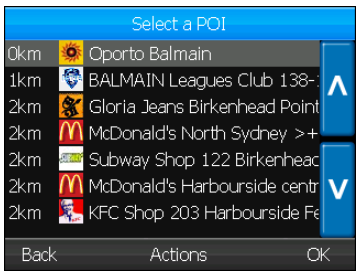
Use the button or the button to scroll through the options and when you have found the right catergory, tap it to hightlight it and then press the “OK” button.

Enter the name of the suburb or town that you wish to search in and tap the “OK” button.



You will be shown a list of Points of Interests in the selected category in the surrounding area of the selected suburbs.

Select the Point of Interest that best suits your requirements and then tap on the “OK” button.

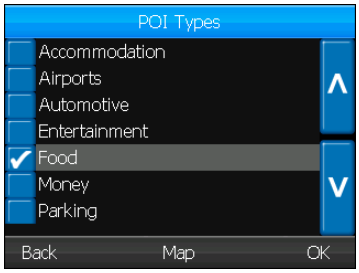


The selected Point of Interest is displayed on the Map. Tap the “Confirm” button to begin the trip to the location.

Searching By Nearest:

Tap the “Nearest” button and then select the type of POI that you are looking for.

Use the button or the button to scroll through the options and when you have found the right catergory, tap it to highlight it and then press the “OK” button.



You will be shown a list of all the Points of Interest around the area of your current location.

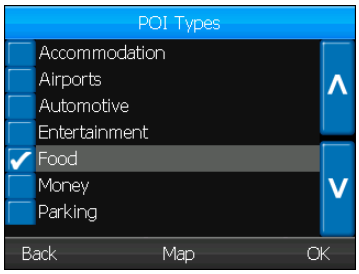
Select the Point of Interest that best suits your requirements and then tap on the “OK” button.

The Selected Point of Interest is displayed on the Map. Tap the “Confirm” button to begin the trip to the location.

Searching By Name

Tap the “By Name” button and then select the type of POI that you are looking for.

Use the ^ button or the v button to scroll through the options and when you have found the right catergory, tap it to hightlight it and then press the “OK” button.



Type in the Name of the Point of Interest that you are looking for. After the first 3 letters have been entered, a list will be displayed. You can select from the list or you can continue to enter the name to refine the list.

Tap on the “List” button and then use the ^ button or the v button to scroll through the options.

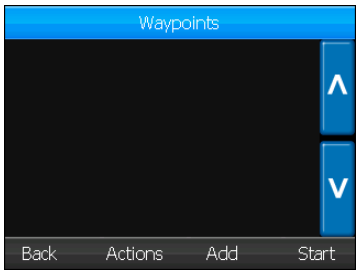
When you have found the correct Point of Interest that you are looking for, select it and then tap the “OK” button. Tap the “Confirm” button to begin the trip to the location.

Waypoints

This option allows you to create a route with multiple points along the way. These points can be places you wish to stop or multiple stops on a journey.

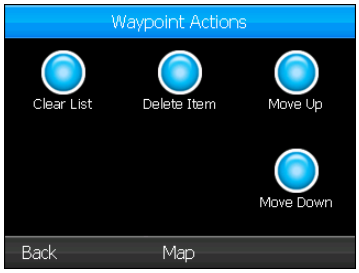
When first used the Waypoint screen will be blank.

Tap the Add button to add a waypoint to you journey.



Waypoints are added in the same way that you would select a destination as previously described in this manual. One option is to add “Current Location”. This adds the current GPS location to the list. This is useful if you wish to come back the same way or navigate to something that you have seen at a later time. Repeat as required.

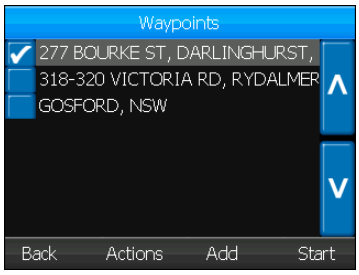
When the list is populated you can alter the order or remove entries by select the entry to change and tap the “Actions” button.



Only the selected entry will be changed in this menu.

Please ensure that you select the orders as the G35 cannot sort waypoint entries. Journeys will be calculated as displayed in the waypoint list.

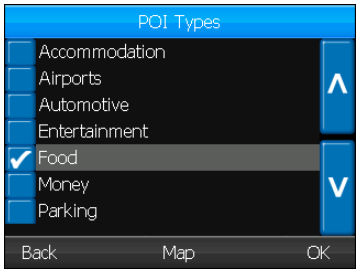
With the waypoint list populated you can now start your journey. Tap the first Address and then the “Start” Button. The route will be calculated. When you arrive at the first way point the system will automatically calculate the route to the next address.



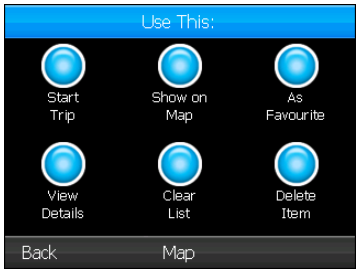
If the Waypoint feature is in use you can access the list from the icon on the main map screen as previously described.

Recent Places

Each time a destination is selected and a route calculated, the destination is automatically saved for later use. If you wish to go to a previously used destination again tap on the “Recent Places” button.



The list of recent destinations will be displayed in order of use. To select a previously used destination, tap on the address and then on the “OK” button.
When the destination is shown on the map, tap the “Confirm” button to begin the trip.



To manage the list of Recent Places, tap on the “Options” button.

A menu with the following options will be shown. The menu items are for an action for the currently highlighted address in the Recent Places list.

Start trip: Start the trip with only the suburb or town selected. As the location will be positioned in the middle of the area selected, the location maker may not be close enough to a road to calculate a valid route

Show on Map: This option will display on the map the destination with whatever information the system has been given. Tap on the “Back” button to return to the Option screen.

As Favourite: This option adds the current information to your Favourites List for later navigation.

View Details: This will display the address details of your chosen destination including full address and altitude/longitude

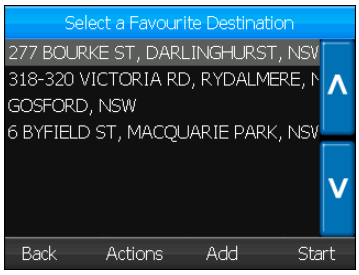
Clear List: The “Clear List” Button will clear all entries in the Recent Places list. If tapped, you will be asked to confirm YES or NO before the action is taken. Once the list has been cleared it cannot be recovered.

Delete Item: The “Delete Item” button will remove only the highlighted address in the “Recent Places” list. You will be asked to confirm the deletion.

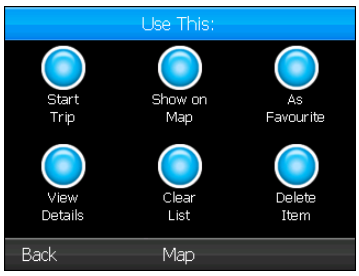
At any time, tap the “Back” button to return to the previous menu or the “Map” button to return to the map screen.

Favourites

Destinations can, at the time of selection, or through the “Recent Places” list, are saved to the System as “Favourites”. The Favourites list is for storing commonly used destination, such as your home or work address or any other address that you wish to keep for easy use at a later time
.
The list of Favourites will be displayed in order of entry.



To select a Favourite, tap on the address and then on the “Start” button. When the destination is shown on the map tap the “Confirm” button to begin the trip.
To manage the list of Recent Places tap on the “Actions” button. The menu with the following options will be shown.
Favourites can be included by tapping the “Add” button.



The menu items are for an action for the currently highlighted address in the Recent Places list.

Start trip: Start the trip with only the suburb or town selected. As the location will be position in the middle of the area selected, the location maker may not be close enough to a road to calculate a valid route

Show on Map: This option will display on the map the destination with whatever information the system has been given. Tap on the "Back" button to return to the Option screen.

As Favourite: This option adds the current information to your Favourites List for later navigation.

View Details: This will display the address details of your chosen destination including the full address and altitude/longitude

Clear List: The "Clear List" Button will clear all entries in the Recent Places list. If tapped, you will be asked to confirm YES or NO before the action is taken. Once the list has been cleared it cannot be recovered.

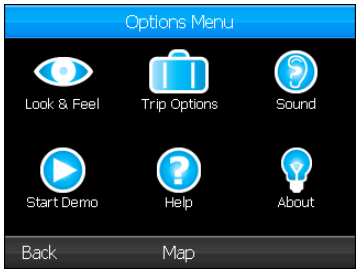
Delete Item: The "Delete Item" button will remove only the highlighted address in the "Recent Places" list. You will be asked to confirm the deletion.

At any time tap the "Back" button to return to the previous menu or the "Map" button to return to the map screen.

Options Menu

The Options menu allow you to set the look of the map display, set the general route options and set the volume level for the G35.

Tap the "Option" button in the Main Menu to enter the options menu.



Look & Feel.

The "Look & Feel" setting allows you to set the way the map and keypads look and how they are displayed. Tap the "look & Feel" button to display the available option.

The first group of buttons is for the display of the map. The current options will be flagged by the ✓ on the button.

Thin Style Daylight Maps: 2D (Default) The look of these maps should be familiar to users of some map books. The maps are easy to read and the colours and layout are designed for easy visibility in daylight.

Thin Style Daylight Maps: (**2D)** These Maps should also be familiar to some users. Also easy to read in daylight.

Thick Style Night Time Maps: (2D) In the same style as the Daylight maps, the high contrast colours are designed to be easy to see and reduce the intrusive glare while driving at night or low light conditions.

Thin Style Night Time Maps: (2D) As above, night the colours and contrast reduce the glare while still displaying an easy to see familiar map for night or low level light driving.

Thick Style Daylight Maps: (3D) In the same style as the 2D maps these are easy to read and the colours and layout are designed for easy visibility in daylight but laid out in a 3D format preferred by many users.

Thick Style Night Time Maps: (3D) In the same style as the Daylight 3D maps, the high contrast colours are designed to be easy to see and reduce the intrusive glare while driving at night or low light conditions.

Tap on the “More” button to see more settings in the “Look & Feel” Options.

The current options will be flagged by the ✓ on the button.

Digital Speedometer: When selected the Speedometer will be displayed in a Digital format. Please see page 27 for more details

Analogue Speedometer: When selected the Speedometer will be displayed in the more familiar format. Please see page 27 for more details.

FutureView: If selected can display an accurate representation of the approaching intersection. This is very usefully if approaching complex intersections.

Standard: The Standard view displays an icon that is indicative of the next turn only. This icon may not truly represent the upcoming turn and is meant as a visual guide only.

Trip Options

Sets the Default Trip Options for any route to be calculated. Tap the “Trip Options” button to set the options for the G35. Options can be changed when setting a destination in the Options menu in the address entry screens. Select one of the following Route method options. The current option will be flagged by a ✓ on the button.

Quickest Route: this option calculates the route based on road types and classes between your current location and the destination. The physical distance to your destination may be slightly longer than the “Shortest Route” option but should require less travelling time.

Shortest Route: This option calculates the route based on the shortest physical distance between your current location and your destination. Depending on the type and class of roads used on this trip it may take longer that the Quickest route option.

Walking: The Walking option will calculate a route to your destination and may direct you along one way streets the wrong way, over footbridges and along paths. Some routes may be determined as “Too Long” for this mode. If this is reported, consider breaking your trip in to several stages.

The following buttons are on / off options. On is shown by the ✓ on the button. If not shown this feature is off.

Toll Roads: If on, Toll Roads will be used in the route to your destination if required. If this option is off, no Toll Roads will be used and an alternative route will be calculated.

Camera Alert: When on, a warning sound will be played when approaching the location of known fixed safety cameras. Visual warnings are always displayed in both Cruise and Navigation modes.

SpeedAlert™: Tap to enter the screen for adjusting the Audible alerts for the SpeedAlert™ Feature.

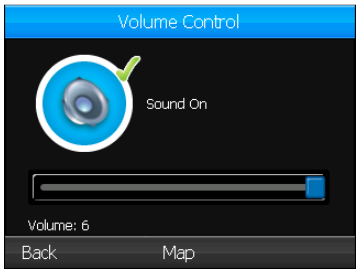
Please refer to page 38 for detail instructions and information on the SpeedAlert™ feature.

SOUND.

Tap the sound button to change the volume level for the G35.

The ✓ indicates that the sound is on. To mute the Audio of the G35 tap on the Speaker icon to turn the sound off. The volume level can bet set by tapping on the slide bar until the correct volume is set. This will adjust all audio levels in the G35.

When the Volume has been set, tap on the tap the “Back” Button

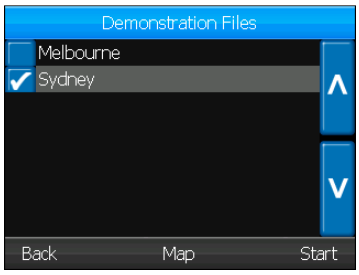


START DEMO.

Tap the “Start Demo” button to select and start a demonstration trip to show the G35 in action. This is a useful tool to allow you to get use to the G35 in Navigation mode. It can also be used to check out settings made in the “Look & Feel” before using it on the road.

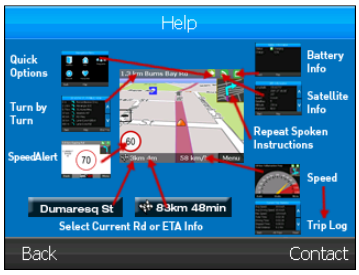
Demonstration routes will run at 5 times the normal speed.

Select the demonstration file you wish to view and then tap the Start button to begin. You can end the demonstration at any time by tapping the menu button on the map screen and the tapping the “End Trip” button.



Tap the “Back” Button to return to the “Options” menu or the “Map” button to return the Map screen.

Help



The Help screen gives you a quick overview of the Map screen in Navigation mode for an on the run guide to the icons and buttons used on the screen. Tap the "Contact" button to view the website details for information and update details for your G35 Navig8r.

Tap the "Back" button to return to the "Options" menu.

About

The About screen shows Copyright information about the software and all data used in the G35 Navig8r GPS system.

Use the ∧ button or the ∨ button to scroll through the information.

Tap the "Back" button to return to the "Options" menu.

Updating the Software for the G35 Navig8r

From time to time it may be necessary to update the software for the Laser G35 Navig8r.

Please refer to the www.Navig8r.com.au/G35 website for detailed information and instructions concerning the update options for the Laser Navig8r G35 GPS system.

Adding Your Own Points Of Interest (POI) Data to the G35

The G35 is supplied with a vast number of Points of Interest but may not include the ones that are important to you. There are several sources of Points of Interest files that are available for free download from the Internet that cater for specific needs.

http://www.gps-data-team.com & http://www.poidb.com are two sites that offer a variety of POI files in various formats that have been complied by GPS users in a wide variety of categories.

The G35 will read data from OV2 format POI files. (Some purchased files may not be compatible with the G35).

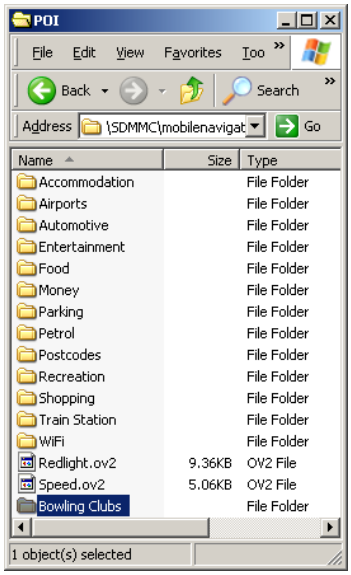
Download the POI file that you want on your GPS to a folder on your computer. The POI data may be in 2 parts: the data file and an image file that provides an icon for the POI's.

For this example a file for Bowling Clubs in the OV2 format will be used.

Connect you G35 Navig8r GPS to your computer as described in the section "***Connecting the GPS to the computer"*** in the first part of the manual.

This can be completed by connecting the computer directly or by placing the SD card in the card reader of your computer.

Locate and open the folder MobileNavigator > POI. There should be several folders each named for a category of POIs.



The new file can be added to an existing one or a new folder can be created for the new POI data. In this example we will be creating a new folder.

Right Click in the POI folder and the select "New Folder" from the option menu. When the new folder is created enter the name for the new category of POI.

Double click on this new folder to open it.

Locate the folder that contains the new POI data to be copied to the G35.

Copy the files and then paste them to the newly created "Bowling Clubs" folder on the G35 SD card.

The POI folders can contain several files each; containing information about the location of POI in the category.

Restart the Navigation software. Refer to the section ***Search for Places (Points of Inerest or POI)*** for selecting the POI. The New Catergory will now be displayed and can be searched for.

Frequently Asked Questions

Q: What is GPS?

A: GPS stands for Global Positioning System. Officially named NAVSTAR GPS, It is a satellite-based radio navigation system developed and operated by the U.S. Dept of Defence. GPS is operated and controlled by the Government of the United States of America, who are responsible for the availability and accuracy of the system. The system is allowed to be used free of charge.

GPS signals are available to an unlimited number of users simultaneously, and allow users to find their position on land, sea and in the air, the correct time, and current velocity 24 hours a day anywhere on earth. The first GPS satellite was launched in 1978 and the full constellation of 24 satellites was achieved in 1994. A GPS satellite weighs in at about 900 kilograms and lasts about 10 years before it is required to be replaced.

Q: How does GPS work?

A: The GPS Navigation system is made up of three segments

The Space Segment: This is currently made up of a network of 31 satellites orbiting the earth at an altitude of approximately 19,000 kilometres and travel at about 11,000 kilometres per hour. They orbit the earth twice per day along 6 circular orbital planes. They are positioned so that every inch of the surface of the earth can receive signals from at least 6 of these satellites. GPS satellites transmit signals constantly. These signals are aimed at earth based receivers such as GPS navigation systems. Each satellite transmits data about its location and height of orbit and the time that the signal was sent.

The Control Segment: Is the ground based tracking stations around the world that track and monitor each satellite in the NAVSTAR system. The tracking information is monitored by the United States Air Force 2d Space Operations Squadron (2SOPS) at the Schriever Air Force Base in Colorado Springs. 2SOPS regularly contact each satellite with navigational updates. These updates also synchronise the atomic clock on each satellite to within one microsecond and update the orbital data.

The User Segment: is the GPS receiver. This is commonly referred to as a Satnav unit or simply a GPS. The receiver will receive information from at least three satellites and calculate the location and the time it took to receive the signal from each satellite. The receiver then calculates latitude, longitude, direction and velocity. In conjunction with the map software loaded on to the GPS unit, can calculate your exact location, heading, speed and correct time and overlay the results on a map of the area. The software in the system can also calculate the best route to other locations and give instructions to the driver on the best route giving fair warning of impending turns. These warnings can be given visually or audibly depending on the model of the system.

GPS navigation systems require a clear line of sight to work effectively and will not work indoors. Function may also be impeded in heavily wooded areas and city streets between high rise buildings that may impede line of sight to satellites.

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Different models can have a wide variety of functions and features.

Q: How accurate are GPS systems?

A: In perfect conditions, GPS navigation systems are generally accurate to 3mtrs. Several factors can impede the accuracy of the GPS unit. These include atmospheric conditions, signal reflection (or multipath) and clock errors. Most of these errors are small and are usually only apparent when stationary. Typically a personal GPS unit is accurate to within 15 meters.

The GPS system is only as accurate as the mapping software in the unit.

If the map data in incorrect the visual representation of you location may not be displayed correctly.

Map data is compiled from several sources and may not be 100% up to date. Councils and regulatory authorities may change road signs, add or remove traffic lights and roundabouts and change the direction of traffic along roads at any time and these changes may not have been made at the time the mapping software was complied.

Q: Why does my Navig8r receiver show that I am moving when I am standing still?

A: Occasionally, GPS satellites may broadcast a signal error called Selective Availability (SA). This can be displayed as up to 4KPH of movement on the GPS receiver.

Q: the GPS unit will not turn on after charging. What can I do to get it working again?

A: In most cases this problem is easy to resolve.

For the G35 models, make sure that the GPS is charged or connected to a power supply. Remove the Mount Cover form the rear of the device and locate the reset button. Using the supplied stylus, press in the reset button. The GPS unit should now start and load the main menu. You will need to reset any settings such as the system time and date again.

If the above does not work and the system will not start, please contact the reseller or tech support support@nvaig8r.com.au.

Q: What other factors will affect the accuracy of my Navig8r?

A: While GPS receivers can be quite accurate, there are several factors that can impede the performance and accuracy of the system. GPS receivers require a clear line of sight to the satellites to receive the signal.

Bad placement of the receiver in the car can reduce the reception of the signal. This is the most common.

Tall buildings in high rise areas such as city streets can impede the signal reception as well as introducing "Phantom Signals" or Multi Path. These are signals that are reflected of buildings and other surfaces. These signals can make it hard for the GPS receiver to function correctly as it receiving two signals from the same satellite. This is more apparent when the vehicle is travelling very slowly or at a stop.

Atmospheric conditions such as solar flares and heavily wooded or areas of dense foliage can also affect the detection of satellite signals.

Q: Can connect my Navig8r G35 with a Macintosh?

A: The Navigator G35 GPS is detected by computers as Mass Storage devices simular to USB drives. Macs running OSX 10.2 or later should be able to access the GPS and SD Card Slot by connecting with the supplied USB cable without the need for any software or drivers to be installed.

Q: My Navig8r is frozen or displays a blue screen, or will not turn on, how do I fix this?

A: Contact technical support.

Q: I cannot find an address!

A: Check the address that you are looking for. The street may be listed as in a different suburb than your information. Some addresses are given in a "preferred" suburb rather than the actual listed suburb.

Map data for the Laser Navig8r is sourced from PSMA Australia (formerly Public Sector Mapping Agencies) and is as up to date as possible.

Q: I can find the street but not the house number.

A:IF when entering a destination, the Navig8r cannot find a particular street number but can find the correct street, try entering a street number just above or just below that is on the same side of the road as the address you are looking for. For example if you are looking 101 Smith Street but the Navig8r cannot find it, try looking for 99 or 103 Smith Street. House numbers can be spaced differently on one side of the street to another; the number 100 may be a block or two in either direction.

Q: I have finger prints over the screen of my Navig8r, how do I clean it?

A: The Navig8r can be cleaned by using a soft damp to dry cloth. Lightly wipe the screen and the case as required. Use another dry soft cloth to make sure that there is no moisture left on the Navig8r.

Do not use any cleaning products to clean the screen or case of the Navig8r as it may cause damage to the screen of the finish on the case. Using only the supplied stylus will also help keep the screen clean.

Q: Where should I position the Navig8r in my car?

A: There are several factors to consider when mounting the Navig8r in the car for use. The unit should be positioned to give it the best possible view of the sky. This usually means at the base of the windscreen just above the dashboard. Make sure that the brackets are secure and the unit is fitted correctly so that the Navig8r does come loose while driving. It should also be placed so that it does not hinder the driver's vision through the windscreen. It also needs to be visible while in a normal driving position without having to turn your head or take your eyes of the road while driving.

Q: I find it hard to enter an address while driving, what should I do?

A: The driver of a vehicle should not attempt to enter destinations or change the setting on the Navg8r while the vehicle is in motion. It is very easy to get distracted. Pull over to the side of the road when safe to do so and enter the destination.

Q: I received my Navig8r as a gift, I need to send it for repairs. What should I do?

A: The Laser Navig8r is covered by a 12 month warranty from the date of purchase on the GPS unit only. Accessories are not covered by warranty. Replacement accessories packs are available from where the Navig8r is sold or online at the Navig8r website.

The Laser Navig8r is covered by a 14 day DOA (Dead on Arrival Period). During this period the Navig8r should be returned to the place of purchase for a replacement.

After the DOA period, please contact technical support for the warranty process. Please remember a proof of purchase will be required for any warranty claim.

Q: Is there an external antenna available for this unit?

A: Not from Navig8r or Laser at this time. The fitting is a standard connection for GPS antennas and is available from most retailers. The G35 uses an MMCX type connection.

Q: Does the unit come with an AC adaptor and a car charger?

A: The G35 GPS unit is sullied with an AC adaptor, a 12 v car charger and a standard USB cable. The G35 can be charged using either one of these. They can also be used to charge and run other USB devices that can be charged or run through their USB ports.

Q: Why do I sometimes find map errors?

A: While all care is taken, there are a lot of roads out there, and traffic signals, detours etc are constantly being made to roads. Sometimes the maps may not reflect the true status of the route shown

Q: I am having issues syncing with the satellite

A: Ensure that you have clear access to the sky. Turn the unit off and back on again. If the unit has been turned off for a period of time it can take a few minute to sync with the satellites again.

Q: When I drive in a large CBD area, the GPS drop out or has trouble syncing

A: CBD areas can have a canyon affect on GPS systems. Not only can tall buildings hide the signal from GPS satellites, it can also reflect the signals the satellites that can be detected. This makes it hard for the GPS unit to calculate the correct position. This is more noticeable at slower speeds. Try moving to an area that gives a better view of the sky.

For further information about you G35 Navig8r GPS please visit the G35 navig8r Website at

HTTP://WWW.NAVIG8R.COM.AU/G35