

Aware+ Quick Start Guide for software 2.0 and above

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Useful Information

Thank you for purchasing an Aware model with navigation. Please take note of the following:

- The Aware alerts on restricted or controlled airspace between ground and 10,000ft MSL
- The Aware depends on a strong GPS signal, please ensure that it has a clear view of the sky through glass or clear air (please note when using the Aware at home, double-glazing will also potentially block the GPS signal)
- The memory card in the Aware should always be taken out and reinserted with care. Inserting the card without due care and attention may result in it becoming lodged in the unit. This type of damage is not covered by warranty.
- Damage to the screen howsoever caused is not covered by warranty.
- Information about upgrading your Aware database free of charge can be found online at <http://www.airspaceaware.com> . You can also find other information regarding your Aware and technical support information on this website.

Map Screen



En Route Information

On the left hand side of the main screen is the en-route information.

Units used for this information will depend on what is set in the units menu. Note that the information will not be fully populated until a route is present.

Track: Current track across the ground

Bearing: Bearing of next waypoint from current location

Speed: Current ground speed

Dist: Total route distance. Tapping on this box will cycle it through total distance, distance to next waypoint, total time and time to next waypoint.

Alt: Current altitude above sea level.

Along the bottom of the screen is further ancillary information – from left to right – Absolute position, Current chart scale and Position relative to the nearest airfield.

When flying, a speed vector line is drawn in front of the aircraft, this line represents the estimated location of the aircraft in five minutes time based on current speed and heading. The line is graduated in one minute intervals.

Buttons

Along the bottom of the screen are seven buttons – from left to right

Hide buttons – This button hides buttons and information from the screen, press it to cycle through (1) Hide buttons (2) Hide all on-screen information and (3) Show all information and buttons.

Zoom Out – Pressing this button reduces the scale of the chart

Zoom In – Pressing this button increases (magnifies) the scale of the chart

Track Aircraft – This button centralises the map on the aircraft and begins aircraft tracking. The map will automatically stop tracking the aircraft if the map is moved. The button will remain orange so long as tracking is enabled.

Activate Previous Leg – This button activates the previous leg of the route. All new waypoints are inserted into the active (red) leg of the route; changing the leg allows the users to select different legs into which to add new waypoints

Activate Next Leg – This button activates the next leg of the route. Since the en-route information relates in part to the active leg, it is a good idea to ensure that the leg being flown is always the active leg. The activate next leg feature can be

used for the same reason as the activate previous leg button, but is also useful if a leg is missed and the user wishes to manually change the leg.

Emergency information – This button takes the user to basic information which may be useful in the event of an emergency. Always remember, however, that flying the aircraft is the most important task in the event of an emergency.

Airspace warnings

The user will be warned of controlled airspace which exists +/- 500ft on current altitude, 200m laterally and 5 minutes ahead at current speed and heading.

The alert consists of three audible beeps when the airspace is first detected and two longer beeps when the airspace is entered.

Airspace will also be drawn with a green surround if it is restricted or controlled at the current height. It is drawn over the top of the current chart and is independent of it.

Menus



Pressing and holding a finger on the screen will bring up the context menu. Working from left to right, here is a list of the functions of these buttons:

Line 1

Navigate Here – This navigates directly from the current location of the aircraft to the point on the map which was pressed. It will replace any existing route.

Insert Waypoint – Inserts a new waypoint into the currently active leg. The active leg will always be red and inactive legs will be yellow. More information on switching legs can be found in the list of on-screen buttons above.

Delete – this deletes the waypoint at the point on the screen which the user has pressed. The button will be greyed out if no waypoint exists at that point.

Direct To – This allows the user to navigate direct from current position to an airfield, defined either by the ICAO code of the airport or its common name.

Line 2

Airspace Info – Brings up further information on the airspace at the point on the map where the user has pressed.

View Route – Takes the user to a screen where a list of waypoints can be viewed, from this screen the user can also load and save routes and change waypoint orders.

Add POI – This allows the user to place a custom point of interest on the map. Typical examples include commonly used turnpoints and ground based sights.

Manage POIs – Takes the user to a screen where POIs can be managed and navigated to.

Row 3

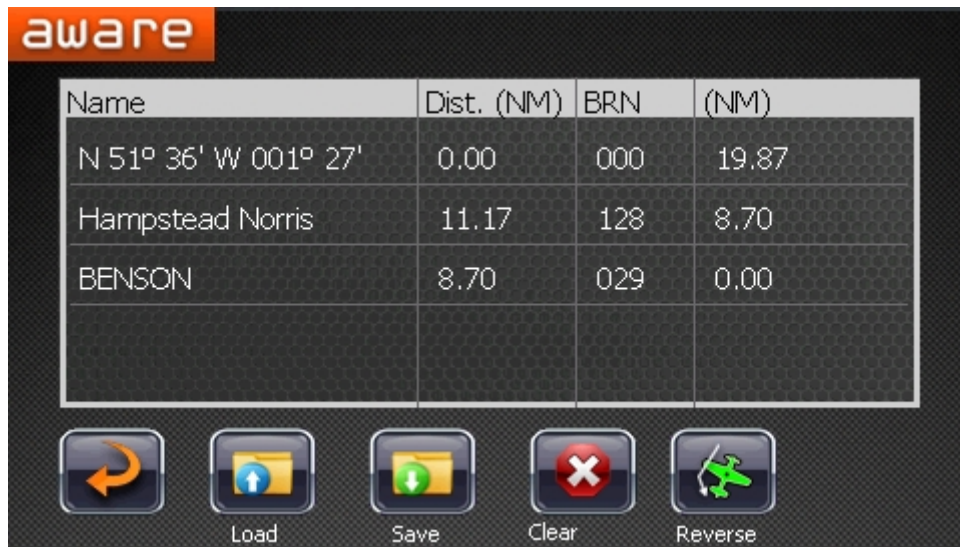
Change Map – Allows the user to select a different map. Please note that this selects a preference for a different map. The system will try to use the map selected, but can only do so in places and at zoom levels where the selected map exists.

Demo – Puts the system into demo mode, which allows the user to use the plus and minus buttons situated next to the en-route information boxes on the left hand side of the screen, to control the demo aircraft. The demo will start at the beginning of the route currently entered or from the last known GPS location if no such route exists.

Units – Allows the user to select units for the on-screen information.

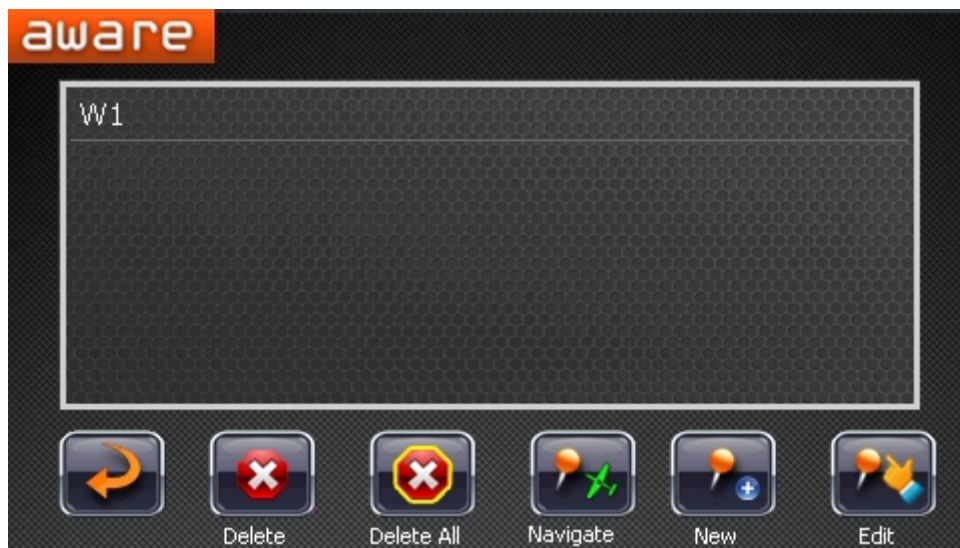
Back – Returns the display to the map.

Route information Screen



This screen is accessed from the View Route button in the context menu (see above). Along the bottom are the buttons allowing Loading, Saving, Clearing and Reversing of the route. Pressing and holding on a waypoint will bring up a menu allowing the user to change the order of the waypoints or insert a new waypoint above one of the existing waypoints.

POI Information Screen



This screen is accessed via the Manage POI button in the context menu (see above). From this page, the user can delete POIs, Navigate to them, Create New POIs from scratch or edit an existing POI.

Airbox helpline (during normal office hours) - +44(0)1235 227 250