

Memory-Map **TECH SUPPORT** **Bulletin #6**

USING OS GRID CO-ORDINATES

Overview: This bulletin explains the 12 figure OS Grid co-ordinates and how to set a GPS to work with the Grid format.

To display Ordnance Survey Grid co-ordinates (British National Grid) instead of Latitude/Longitude select Mode > Position Format > British National Grid. Memory-Map will then display a full 12 figure grid reference in the form SU 44060 17295 where SU defines the 100km National Grid Square and the 5 figure Easting 5 figure Northing defines a 1m square position.

To convert to six figure references simply round the last two digits in each Easting/Northing eg SU 44060 17295 becomes SU 441 173 or SU 44043 17235 becomes SU 440 172

To enter a quoted six figure reference into Memory-Map simply add 00 to each Easting/Northing eg SU 441 173 becomes SU 44100 17300

For more information on how to use Ordnance Survey co-ordinates visit www.ordnancesurvey.co.uk

SETTING YOUR GPS TO WORK WITH OS GRID.

To ensure that Memory-Map and your GPS display the correct position and import/export correctly positioned waypoints it is important that your GPS is configured as follows:

GPS Type	Memory-Map > GPS Setup > Manufacturer setting	GPS unit Map Datum setting*	GPS unit Position Format Setting*
Garmin including eTrex series, eMap, GPS 12, GPS III and most other models	Garmin	Ord Srvy GB	British Grid
Garmin GPS 35	NMEA	n/a	n/a
Navman GPS 3000	Navman	n/a	n/a

Other manufacturers including Magellan, Silva, MLR, etc.	NMEA	WGS84 when connected to your PC or Pocket PC Ord Srvy GB (or OSGB 36) when not connected	British Grid – display may be inaccurate British Grid - display will be accurate
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* Depending on your GPS model these settings are normally found in the Setup menu under Interface and Units or Position. For more information refer to your GPS manual.

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