

UK Airspace for Garmin GPS Basic Installation Guide

Contributions/comments/criticisms welcome. Please email simon_headford@yahoo.co.uk.

Below are some SIMPLE tips on how to use/upload the map images. As far as I'm currently aware there are two options - either Garmin software (Basecamp or MapInstall) or 3rd party software available on the net such as img2gps (available [here](#)) or sendmap20.

With img2gps **EVERY** upload process overwrites **ALL** maps currently held in the GPS memory **EXCEPT** the units pre-installed basemap. I guess it's probably the same with MapSource and/or Basecamp but I don't know for sure.

Evidence has shown that when uploading the airmaps to a Garmin with a card slot the process may also erase data from any card installed in the GPS at the time of upload. If you have any maps on a memory card that are not backed up play it safe and **REMOVE** the card.

First download the release zip file from soaringweb.org/airspace/UK. If you want to preview what's in the release before installing it look in file 'changes.txt'.

Installation instructions:

Img2gps

1. Start img2gps
2. Select the appropriate com port (or select Auto) - standard serial will be COM1, serial to USB adaptor could be any of them, you will have to experiment a little, direct USB interface also available
3. Press 'Load Folder', navigate to the folder containing the installed airspace map images and press OK
4. Tick the maps you want:

File	Map Name	
01000001.img	UK airspace(l)(o)	low detail, opaque
01000002.img	UK airspace(m)(o)	medium detail, opaque
01000003.img	UK airspace(h)(o)	high detail, opaque
01000011.img	UK airspace(l)(s)	low detail, semi-transparent
01000012.img	UK airspace(m)(s)	medium detail, semi-transparent
01000013.img	UK airspace(h)(s)	high detail, semi-transparent
01000021.img	UK airspace(l)(t)	low detail, transparent
01000022.img	UK airspace(m)(t)	medium detail, transparent
01000023.img	UK airspace(h)(t)	high detail, transparent
01000077.img	UK train stations	
01000099.img	pghgmaxheights	

NB - ignore files beginning with 'airspace'. Load only the 'numeric' img's.

5. Switch on your GPS and press 'Upload to GPS'
6. On your GPS, in Main Menu > MapSource Info, select or deselect the maps as required

Notes:

- If you're using img2gps but want to view the maps on your pc before uploading them try GPSMapEdit from Geopainting.com
- If you have a USB interface and have not installed or do not have Basecamp/MapInstall you map need the USB drivers available at Garmin > Updates & Downloads > Additional Software. (this may not be up to date)

Garmin Basecamp or MapInstall

1. Start Basecamp or MapInstall
2. Go to Maps menu > install maps (Basecamp only)
3. Ensure your device is connected and either select it from the drop-down list or press Find Device. When ready press Continue
4. Select either 'UK Airspace', 'UK Airspace_s' or 'UK Airspace_t' from the drop-down list at the bottom of screen depending on which mapset you want in the preview screen
5. Using the cursor on the preview screen select your map(s) depending on which level(s) of detail you want, and pghgmaxheights and/or UK train stations (if reqd).
6. Within the preview screen the left hand edge of the maps gives the best separation for selection purposes and the map names (same as above) are shown at the bottom right corner. A running count is shown of the maps selected.
7. Press Continue, then press Install on the following screen

Installation Problems

If you get an 'NSIS Error' when attempting to run one of the installation programs there are a number of possible solutions you can try (ie before contacting me!). Check out the following link (thanks to Phil King for this) http://nsis.sourceforge.net/Why_do_I_get_NSIS_Error

After Installation

You can upload any number of the maps onto your GPS to give yourself options of what type or level of detail to use. All maps uploaded are 'enabled' by default. There is a high level of duplication between the maps and leaving them all enabled won't do any harm but it may affect performance especially on some older units. Enable/disable uploaded maps as required via the MapSource menu (or equivalent) on your GPS.