

Please don't plug the GPS in until you have read these instructions. We are now supplying the higher sensitivity MapFactor MPFC-26 GPS. Plug the GPS into the adapter cable and plug that into the USB Port. Don't try to plug the GPS into a keyboard or mouse port!

1. Included with the GPS is a mini-CD. Open the folder wd_pl-2303_ v11.5.0.0_v2.0.0.1.8 and then run the "PL-2303 Driver Installer". This will install all of the components necessary to use the GPS. Now plug the GPS into the USB port you intend using and you'll see the new hardware wizard configure everything for you. If you see the Microsoft message saying the device hasn't passed logo testing, don't worry, it's perfectly safe and you can continue. Sometimes Windows XP or 2000 seem to think the GPS is a ballpoint mouse. If it does and you boot the laptop with the GPS plugged in then the mouse will jump all over the screen. Unplugging the GPS, waiting a few seconds before plugging it in again solves the problem. A more permanent fix is to disable the ballpoint mouse from with control panel, hardware, device manager. You can edit the registry directly to fix the problem by setting [HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\sermouse] and setting the key "Start" to dword:00000004. If you are unsure of how to do this DON'T DO IT!
2. If you plug the GPS into a different port on the computer then it will almost certainly reinstall the drivers again and will probably be allocated a different port number.
3. Make a note of the port number the GPS has been installed to. To find out the port number go into Control Panel, System, Hardware. Click on Device Manager and then click on Ports and look for Prolific Serial-USB Bridge. (The exact wording may vary.) You'll see the port number next to it. If there is a yellow exclamation mark then it has not been installed correctly and you will need to uninstall it before reinstalling it.
4. The first time you power up the GPS it will take longer, up to 10 minutes, to charge its internal batteries and recalculate it's position. After that a warm start will only take a few seconds.
5. Insert the Navigator CD and you will get a prompt "this will install Navigator". Most of the selections are self-explanatory. Please do make sure you leave the English options checked though! The product code is the 5 sets of 5 characters inside the CD case or on the outside of the plastic sleeve. **Please don't lose the serial number, you'll need this to upgrade or reinstall the product. It can't be reissued.**
6. When you start Navigator for the first time you will need to select the countries you want opening. It's better to only the maps you need for that journey. You can open and close maps by clicking File, open map.
7. Once you have started Navigator go into Tools, Settings
 - a. **Application.** Set the Unit System to metric or imperial. Tick "use big icons in toolbar"
 - b. **GPS.** Set the port to the one you noted at step 3. **Don't** change any of the other values on this page
 - c. **Routing.**
 - i. General.
Enter the approximate fuel consumption figures for your vehicle and the cost of fuel. These are used to calculate the cheapest route.
 - ii. Map Dependent.
For each type of road you can set your average speed and preference. Click on the drop-down to select each of them in turn. Setting these to accurately reflect the type of vehicle you drive will significantly affect the computed route. We use
 1. Motorway 60 and 55
 2. Primary Road 50 and 45

3. Major Road	40 and 35
4. Secondary Road	30 and 25
5. Connecting Roads	20 and 15
6. Local roads of high importance	12 and 10
7. Local roads	10 and 8
8. Local roads of high importance	8 and 5

All of the other settings can be left at their default settings.

8. Click on Tools, GPS, GPS Tracking or click on the “satellite dish” icon to start the GPS. You should see data beginning to be displayed. The signal should be reading “Yes” and the number of satellites showing the actual number being used. The higher the better but your position will still be accurate with only 4 or 5. If you get the message “There is no GPS data coming from the selected port” then the settings at step 3 are wrong.
Please note that GPS signals cannot penetrate brick. For the first fix it will need to see at least 4 satellites so make sure the GPS has a clear view of the sky. It is unlikely to get this from a window.
9. You’ll find full instructions on how to use Navigator in Help, Contents. Just click Next to step through. Alternatively, there is an Adobe Acrobat copy of the manual on the DVD and CDs. On the DVD you will find it in folder CD1/Manuals/EN and in folder Manuals/EN on the CD.
10. Searching is the key to using Navigator. Click on the search or postcode tab on the left panel.
 - a. Search by default, searches all of the different databases, countries, addresses, points of interests, roads, streets etc. You can restrict the search by clicking “restrict categories” and “restrict countries” and de-selecting those you don’t want searched.
 - b. Postcode searches only searches the postcode database. You can enter a full 7 character postcode, street name, locality or town to find a list of all postcodes that match your search criteria.
11. After you have searched using either method you will get a results tab at the bottom of the screen. Double click on the result you want to use and the map will be redrawn with your choice centred on it. On the Icons across the top of the screen you’ll see a starting tape, a flag and a chequered flag. Use these to set the start, waypoints and end points. Click on the one you want, put the cursor on the map where you want to set it and click once more to place the icon there.
12. When you’ve set a destination you can click Navigate to get the driving instructions. Please note you will only get spoken instructions when you are approaching a junction. To Find Route, you will need a departure point and a destination.
13. Like all software packages, upgrades and amendments are released periodically. You can download these newer versions from our website www.action-replay.co.uk. Just click on the download menu item at the top of the page. Move down until you see the version you have and you’ll see the latest update listed. You can check which version of Navigator you have by clicking Help and selecting about.
There may be a newer version available than the one on the CD/DVD. You should download and run the update file from our website as soon as possible. Go to www.action-replay.co.uk and click the support button on the top menu. The first entry is the latest update.

Once again, thank you for your custom and please do get in touch if you have any difficulties.

Action Replay - Driving Technology

www.action-replay.co.uk

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