

10 Steps For Setting Up Your Portable GPS With The DIGINAV DVD

1. To get started first you will need to install the driver for the portable GPS unit you purchased with the package. Make sure the GPS unit is **NOT** plugged in when installing the driver. Step 1 is complete so move on to step 2 to install the GPS Driver and complete the installation process.
2. Move on to step 3. Click on the button **"Test GPS"** to run the program **"GPS Viewer"**. Now plug in the GPS.
3. Click on the **"GPS"** button inside GPS Viewer. This asks GPS Viewer to search the ports on your computer to find the connected GPS Unit. After the scan is complete GPS Viewer should have locked on to a **"Com Port"** and **"Baud Rate"**. The baud rate will **ALWAYS** be 4800. The com port is what we are looking for here. Please take note of the com port and baud rate that the GPS is using. You will need to know these when setting up the GPS to work with the chart plotting software. **NOTE:** *The com port can and will change if you plug the GPS Unit into a different USB port on your computer requiring you to perform another scan to confirm the new port being used.* It is important to know that the chart plotting software (Seaclear II) and GPS Viewer **CAN NOT** work together at the same time receiving satellite signals. Please do not run both programs simultaneously.
4. If the GPS is working properly in GPS Viewer you should see satellite position data. You should also see satellites on the compass in GPS Viewer, blue and/or grey icons representing the connected satellites. The GPS is sensitive enough to receive satellite signals indoors but it is recommended to be close to a window. Place the GPS Unit in a windowsill for better satellite connectivity.
5. Now that you have the GPS driver installed and confirmed that the GPS Receiver is working properly, close GPS Viewer. Always make sure that you **DO NOT** have GPS Viewer running before moving on to the next step.
6. Return back to the main menu page of the DVD. There are two ways to approach the plotting software using the DVD with the GPS. One option you have is to run the DVD and chart plotting software directly from the DVD by clicking on **"Run Directly From DVD"**. This will load SeaClear II and the charts without having to install either of them to your hard drive. This option will also save space on your hard drive. The second option is to click on **"Install SeaClear II"**. This will install SeaClear II and the charts to your computer by following the instructions provided. **NOTE:** *We recommend using the second option if you plan on setting up routes and waypoints.*
7. Whether you choose to run directly from DVD or install to your hard drive, this next step will be performed the same way. If you choose to **"Run Directly From DVD"** then Seaclear should be up and running. If you installed to your hard drive you will need to go to start and run Seaclear from there.
8. Once Seaclear is up and running click on **"Tools"** in the top right corner of Seaclear. Then click on **"Properties"**. You should see the **"Setup Seaclear"** window and several tabs across the top. Click on the **"comm"** Tab. Locate **"NMEA Connection"**. This is where you will be changing your comm port that GPS Viewer located in step 3. Change your comm port to the correct port determined by GPS Viewer. Now change the Baud Rate to 4800. Again, the Baud Rate will **ALWAYS** be 4800. Now click on **"save"** to save the settings you have selected. **NOTE:** *When running Seaclear and the charts directly from the DVD the comm port will have to be changed to the proper port every time when run. The reason for this is because the DVD is "Read Only" meaning that no data can be saved or stored to the DVD; so the settings you selected for the port and baud rate will be lost as soon as you close Seaclear. This does not apply when you run Seaclear and the charts from your hard drive using the "Install Seaclear II" option on the DVD Menu.*
9. Now that Seaclear is setup using the correct port and baud rate you should see the **"DR"** panel change from Red to Grey. This panel is located at the top right side of Seaclear. When this changes you know that the GPS Receiver is receiving a signal and working properly. Latitude and Longitude data will be displayed for your current position.
10. Right click anywhere on the world chart in Seaclear and select **"Charts"** and then click on **"Find Boat"**. Seaclear will load the best chart and center the screen directly over your position marker. That's all there is to it. You are now chart plotting!!! Please watch the video tutorials on the DIGINAV DVD for details on setting up waypoints and other advanced settings inside Seaclear. These setup instructions can also be found on your DIGINAV DVD. Click on the file **"GPS-Setup-Instructions"**.