



PC-Planner

The Perfect Navigational Planning Tool

- View charts on your PC
- Add and edit waypoints
- Create and edit routes
- Measure distances
- Download SelectMarks™
- Transfer data from your PC*

*With compatible chart plotter and memory card (sold separately). Requires one available USB port.

MAX and NT+
compatible



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Handbook

Dear Customer:

Thank you for choosing PC-Planner, Jeppesen Marine's at-home planning tool. PC-Planner brings the power of your chart plotter into the comfort of your own home!

This handbook provides a simple introduction to PC-Planner and offers some advice on installation, basic functionality and troubleshooting.

Once the software is installed, further detailed instructions on the information provided within this handbook can be found in the User Manual, which can be accessed with the <F1> key while in PC-Planner.

We welcome your feedback as we continue to grow and improve the PC-Planner program.

Should you have any questions or concerns not addressed in this handbook or in the User Manual, please do not hesitate to contact our Technical Support Department at 1.800.424.2627.

Thank you, and happy planning!

Jeppesen Marine

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PC-Planner

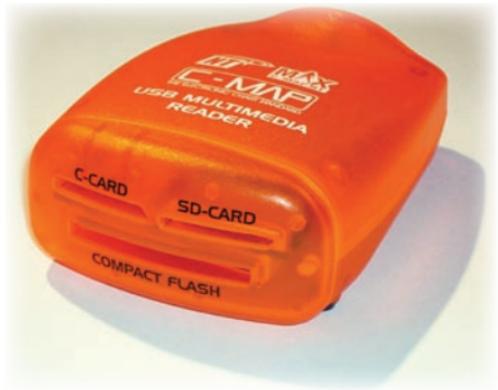
Package Contents

Your PC-Planner package includes the following:

- Orange Multimedia Reader
- CD (software and driver installation files)
- USB cable
- Activation Code
- Handbook

If purchased, the following accessory may also be included:

- Optional memory card (for transferring data to chart plotter)



Sample. Your reader may vary in appearance.

2. ABOUT PC-PLANNER

2.1 What is PC-Planner?

PC-Planner is a route planner that turns your PC into a virtual chart plotter, less GPS. It allows you to view your chart data, create and change routes, accurately measure distances, add and edit waypoints and marks and access the Port Services database. By using your chart card, PC-Planner will mirror the detail you see in your chart plotter. You'll gain access to all the planning data that C-Map charts offer, including: Coastal Navigation Data, Depth Contour Data, Spot Soundings, Port Information, Marina Information and Tide Data. Most can transfer these trip plans to a C-Map memory card, plug the card into their chart plotter and load these routes on the spot.

2.2 Memory Cards

Nearly all of the C-Map compatible chart plotters on the market have the capability to transfer data to and from PC-Planner via a memory card. The list of chart plotters compatible with our memory card is ever growing. If you are interested in knowing if your chart plotter is compatible with the memory card, please contact our Customer Care Department or Technical Support Team at 1.800.424.2627.

2.3 Demo Mode

PC-Planner can operate in two modes: either the DEMO Mode trial version or the fully registered version. If you have purchased the full version and are in demo mode, please read section 5.1 "Getting Out of Demo Mode."

3. INSTALLATION

3.1 Requirements

- Windows 95/98, ME, 2000, XP or Vista
- 16MB RAM
- 50MB free Hard Disk space
- Video Resolution: 800x600 or higher
- Video Colors: 65536 (high-color, 16bits)
- Available USB port (versus a remote hub)
- Memory Card (optional for transferring data to chart plotter)



**READ THESE INSTRUCTIONS
BEFORE PROCEEDING WITH THE
INSTALLATION!!**



3.2 How to Install

DO NOT plug the PC-Planner Card Reader into a USB port until you are instructed to do so.

The installation wizard will guide you through the installation process and offer default choices. It is suggested that you read these instructions carefully in order to ensure a successful installation.

1. Close all open Windows/Programs.
2. Insert PC-Planner CD (AutoRun should start. If not, browse to your CD drive and run the file PCPNTAUTORUN.EXE).
3. Select preferred language.
4. Select "Install PC-Planner."
5. IMPORTANT! Choose only the Reader Driver that corresponds to your particular reader (refer to the Driver Table on page 12 to be sure). Turn the unwanted drivers OFF by clicking the respective boxes, then select INSTALL. Do NOT connect to the Internet, even if prompted to do so.
6. Select NEXT, YES and/or FINISH when prompted.

3.3 Activating PC-Planner

Once installation of PC-Planner software, reader driver and demo charts is complete:

- If you have not already been prompted to do so, then make sure Reader is plugged into a USB port. The 'Found New Hardware' wizard may appear. Continue through installation. Once complete...
 1. Open PC-Planner by clicking on the PC-Planner icon.
 2. Your registration code is printed on the back of your Installation CD sleeve (on a sticker). Enter this code into the "Enter Registration Code" box, replacing the zeros. If you encounter problems with your registration code, generate a new code AT <http://pcplannernt.c-map.it> or by calling our Technical Support Department at 1.800.424.2627.

If the registration code is accepted, the World Map will be displayed (usually at the 0° LAT / 0° LON position off the coast of Africa). *Local chart data is only viewable once a chart card is inserted into the USB reader.*

3.4 Registering on the Support Site

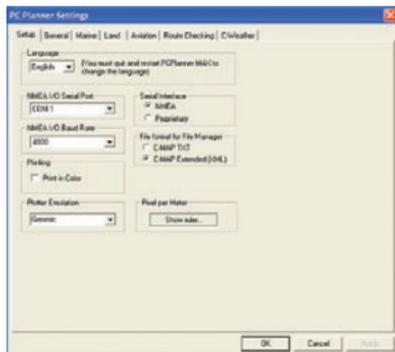
It is suggested that you register your PC-Planner to receive important notifications regarding updated software releases, updated drivers and any other modifications to PC-Planner... And it's FREE. You will also have access to the SelectMarks database of wrecks, hangs, obstructions and reefs. These are user point files you can download and upload into your PC-Planner. Registration is now done on the PC-Planner website at <http://pcplannernt.c-map.it> and follow the link to "Register Here."

4. USING PC-PLANNER

4.1 Setup

PC-Planner has several settings that will allow you to customize your display to show as little or as much chart detail as possible. There are also settings for personal preference on lat/lon display, language and others. PC-Planner defaults to suggested settings. To change the settings, go to

[View > Settings](#) from the main PC-Planner screen. This brings up a window with several tabs of options (see diagram, right). Detailed setting info can be accessed in PC-Planner using your **F1** key > [Contents > PC-Planner Options](#). However, PC-Planner is built to be compatible with the entire C-Map family of chart plotters. Some chart plotters require different formats for waypoints, tracks and routes, and as such, PC-Planner has a variety of emulation modes available. It is recommended that you set the correct Plotter Emulation as listed below.



Plotter Emulations

Furuno Navnet1 - *For all Furuno NavNet1 plotters.* The USBFP Reader is required in order to work. Furuno Navnet 1 mode has 7 different icons for Marks and 16 different icons for Waypoints/Routes, each of which can be assigned one of 7 different colors. Marks CANNOT have a name or description; only Waypoints can.

Furuno Navnet2 - *For all Furuno NavNet2 plotters.* The USBMM (USBMM 2.0) reader and an SD-card are required. Furuno Navnet 2 mode has 7 different icons for Marks and 16 different icons for Waypoints/Routes. Each of these can be assigned one of 7 different colors. Marks CANNOT have a name or description; only Waypoints can.

Plotter Emulations continued...

Furuno GP-7000 - *For the Furuno GP-7000.* The USBMM (USBMM 2.0) reader and an SD-card are required. Furuno GP-7000 mode has 16 different icons that can be used for Marks and Routes, each of which can be assigned 1 of 8 different colors.

Navman 8xxx & Northstar M Series - *For the Navman 8-inch and Northstar M Series plotters.* The USBMM (USBMM 2.0) reader and an SD-card are required. These modes have 30 different icons for Marks and 48 for Routes.

Fish-12 SD - *For plotters that read cartography from C-card and use an SD-card for user data (e.g. Fish-12).* The USBMM (USBMM 2.0) reader and both C-card and SD-card are required for full functionality. Fish-12 SD mode has 16 different icons that can use 1 of 16 colors for Marks and Routes.

Generic - *For all C-Map compatible plotters that do not fall into the categories above.* Generic mode has 16 different icons that can use 1 of 16 colors for Marks and Routes.

4.2 PC-Planner Toolbar

This toolbar is displayed at the top of the screen on your PC when PC-Planner is running.



Each of the Icons in the toolbar selects a different operation. Left-clicking the relevant icon selects that mode and displays the icon in light gray to indicate it is active. PC-Planner will stay in that mode until another icon is selected or the ESC key is pressed to quit a particular mode. In this situation the program defaults back to the “Pan Chart” mode. Toolbar functions can also be accessed by right-clicking on the map in any mode except Zoom.

	File Manager		Delete User Point
	Print		Move User Point
	NMEA Transfer Enable		Create Route
	Pan Chart		Edit Route
	Zoom In or Zoom Out		Route Checking On/Off
	Chart Rotation		Perspective View On/Off
	Info Chart		Chart Boundaries On/Off
	A-B Distance Measure		Animated NavAids On/Off
	Add User Point		C-Weather Download

4.3 Keyboard Shortcuts

PC-Planner Function	Keyboard Key
Help/User Manual	F1 Key
File Manager	Control F
User Points List	Control U
Routes List	Control R
Tracks List	Control T
Print	Control P
Pan Chart	Arrow Keys
Zoom IN	I/D Key, Mouse Wheel Up
Zoom OUT	O/U Key, Mouse Wheel Down
Chart Boundaries ON	9
Chart Boundaries OFF	0
Brightness	Page Up/Page Down

4.4 File Manager

File Manager is the interface for transferring data between PC-Planner and memory cards for use in your chart plotter. It is similar to Windows Explorer, and may require some “getting used to” until you become familiar with the layout and moving data around. For detailed information on using memory cards, please refer to section 9 of the User Manual (this manual can be accessed using the F1 key on your keyboard). Also, for troubleshooting File Manager, please refer to section 5.2 on page 14 of this handbook.

5. TROUBLESHOOTING

5.1 Getting out of Demo Mode

DEMO mode is the result of either the card reader not being properly inserted directly into an available USB port on your PC, or the drivers not being properly installed. Three different scenarios that may be the cause of DEMO mode are listed below and on the following page. One or all may apply...

#1. Is the “Card Reader” connected directly to the PC?

- PC-Planner will not work if connected to a “remote hub.” It must be installed directly into a USB port. If not, reconnect, wait a moment and then try to reopen the program.
- Is the program open more than once? Check to make sure there is only one version of PC-Planner running at once. The easiest way to check is to hit **CTRL + ALT + DELETE**; check the task manager for PC-Planner applications; end them and then try to reopen the program.
- Is the card inserted? If the card is inserted, please remove it, close the application and then restart the PC-Planner.

#2. Are the correct Drivers installed?

There are several card readers available, and thus many choices for drivers. Only one driver should be installed as it corresponds to your reader, or the program will open in “Demo Mode.”

DRIVER TABLE

Reader Driver (as depicted during Installation)	Physical Description of Reader	Corresponding Driver (as listed in Add/Remove programs)
USB C-card Reader	Gray 2-slot reader	USB C-card Reader
FP-card Reader	Gray 1-slot	USB FP-card Reader
Multimedia Reader	Orange 3-slot	USB Multimedia Reader
Multimedia Reader USB 2.0	Orange 3-slot with serial#706-xxxx or higher	Multimedia Reader USB 2.0

Getting out of "Demo Mode" continued...

1. Open the Add/Remove programs and make sure only the corresponding driver is installed. The only driver file that should be installed is the one you are using. If more than one of the drivers is installed, then remove the other drivers that don't match the card reader being used; unplug the device and reconnect it.

OR...

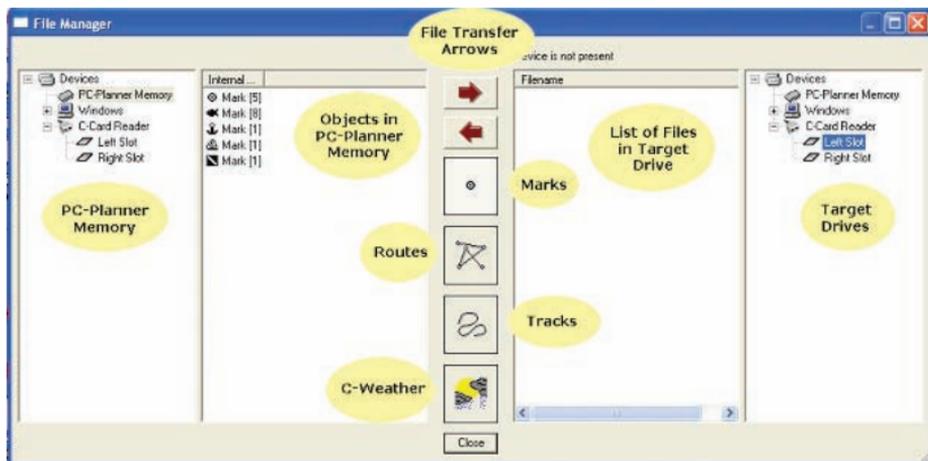
2. If the driver you are using is NOT listed under the Add/Remove programs, then remove all other drivers and close the Add/Remove programs window. Reinsert the install CD. During this Installation it is very important that you install only the driver being used (see "Driver Option List" on page 12).

#3. Are the Drivers installed correctly?

1. Right-click on [My Computer > Properties > Hardware > Device Manager](#)
2. Look for a yellow exclamation mark within the list of Drivers.  (The list may be flashing and you may hear a "dong" noise. Do not be alarmed). Make sure the installation CD is in the CD drive.
3. Double-click the yellow mark and select "Re-install" Driver. After the device is uninstalled, click the top menu option "Action" and then "scan for hardware changes." (Do not connect to the Internet at this time).
4. Continue through prompts by selecting "Next" or "OK." A "Digital Signing Warning" will come up; Please continue through this. (Program may loop; please continue through until completed). Close Device Manager and reopen PC-Planner.

5.2 File Manager

File Manager is the dialog box used for transferring data from the PC-Planner to memory cards and vice-versa. It is important to understand File Manager, as it is the easiest way to transfer the data in your PC-Planner to your chart plotter. Please refer to the diagram below for all column names. The column names are displayed as such: "PC-PLANNER MEMORY."



Q. How do I format a Memory Card?

A. IMPORTANT! Formatting your Memory Card will erase all route/waypoint data on the card. In File Manager, while you have the memory card inserted and selected in "TARGET DRIVES," right-click on "LIST OF FILES IN TARGET DRIVE" and the option to 'Format User Card' or 'Initialize User Points File' appears. Click on the box that appears.

Q. How do I transfer data to the user card?
A. In File Manager, you will need to select the Memory Card in "TARGET DRIVES" and "PC-PLANNER MEMORY" on the opposite side. Highlight the file you would like to transfer in "OBJECTS IN PC-PLANNER MEMORY" and click on the red arrow pointing to "LIST OF FILES IN TARGET DRIVE" column. This will send the files you have selected to the Memory Card.

Q. Can I backup my route/waypoint information to my Computer?
A. Yes. First, create a folder in your hard drive. Then follow the steps in the previous question, but select the newly created folder (you will need to browse to it) in "TARGET DRIVES" instead of the Memory Card.

Q. In the File Manager there is a Floppy Disk option. When I try to save to a floppy disk, I get an error message. Why?
A. The Floppy Disk option in File Manager is provided ONLY for owners of the SI-TEX Trawlplot and Fishplot 12 chart plotters. These chart plotters do not use memory cards, but use specially formatted floppy disks available directly from SI-TEX.

Q. In File Manager, I am getting a "Device Not Present" error. Why?
A. Make sure you have your Memory Card inserted (and in the correct slot) when transferring data.

5.3 Operational

Q. Why is my Registration Code not valid?
A. Double-check that you have entered the correct registration code. If you have updated your software, then the old registration code will not work. You can obtain a NEW registration code by visiting the support site: <http://pcplanner.c-map.it> or by contacting our Technical Support Department at 1.800.424.2627.

Q. Must I have a MAX card to get MAX features on my PC-Planner?

A. No. Perspective View, Flashing NavAids and Flexi-Zoom will all work in PC-Planner, regardless of what type card you are using (NT, NT+ or MAX). Currents, photos and other MAX data content will ONLY be available with MAX cards.

Q. Can I use my SD chart card as a Memory Card?

A. Yes. SD (secure digital) cards have the ability to also hold route and waypoint information. Erasing/formatting the route and waypoint data from your SD-card will not erase the chart information.

Q. What does the Route Checking feature do?

A. The Route Check is a safety feature that will scan through all chart layers to check a proposed route you are creating. Using the settings found in [VIEW > SETTINGS](#), you can customize the Route Check to search for anything from rocks to insufficient depth or obstructions. PC-Planner will warn you if the Route Check finds any hazards and asks if you would like to continue saving the route.

Q. How do I edit a Route/Waypoint?

A. The User Points List, found under User Data > User Points List, contains all of the information for all marks and waypoints stored in PC-Planner memory. From the User Points List it is possible to add, find, delete and create routes. Detailed information on editing user data can be found in your User Manual under [Contents > User Data](#).

Q. Is there a character limit when creating routes/waypoints?

A. In PC-Planner there is a 15-character limit on the NAME and 31-character limit on DESCRIPTION. However, certain chart plotters have different requirements for length of name and descriptions if you intend to upload the data to the chart plotter.

5.4 Advanced User Tips

Q. How much user data can PC-Planner hold?

A. As of version 11.04, PC-Planner only has a 3,000-point capacity. Future versions will expand upon this to allow for larger file handling.

Q. Can I do anything with the user data outside of PC-Planner?

A. Yes. You can save the data to your hard drive in XML format. PC-Planner has a ConvertXML.EXE program that will convert your XML format into a CSV (comma-separated value) file (found in PC-Planner under [TOOLS > Convert XML](#)). The CSV file can be opened in a spreadsheet or word processing program, allowing you to edit and manipulate the data on a global scale, rather than individually in PC-Planner. XML files can then be transferred via Email or other storage devices to friends and family.

Q. Can I print with PC-Planner?

A. You can print in black and white directly through the PC-Planner. If you prefer to print in color, you'll need to use the "Save Screen As..." function under the "File" menu. This will save a color screen shot into a PNG file that can be opened in a web browser. You can then print from the web browser, or you can do a variety of other things with this file (mark it up, draw on it, etc.), with optional design software.

5.5 C-Weather

Q. What is C-Weather?

A. PC-Planner now has the capability to download weather information to your desktop. The weather data includes temperature, wind speed and direction, wave height and direction, weather conditions (sunny, clear, cloudy, so on), humidity and visibility. A four-day window covering a 3 degree x 3 degree area will be downloaded.

Q. Is C-Weather available worldwide?

A. Yes. As of version 11.0.4, C-Weather is available worldwide. To download the latest version of PC-Planner, please visit our support site at <http://pcplanner.c-map.it>.

Q. Do I need an Internet connection to download Weather info?

A. Yes. You must have an Internet connection in order to download C-Weather data.

Q. Can I transfer downloaded weather to my Chart Plotter?

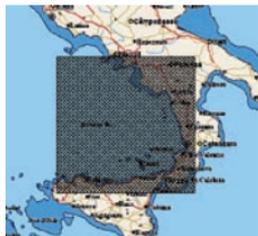
A. Yes. You will be able to load C-Weather data onto a Memory Card and transfer this information to your chart plotter. Alternatively, you may transfer to the chart plotter by using the C-COM and call the Italian number +390585859145. NOTE: C-Weather is a new feature for C-Map and may not be compatible with your chart plotter. Please contact your chart plotter manufacturer for compatibility.

Q. How often is the Weather information updated?

A. C-Weather data is stored on remote servers and is updated daily at (0900) and (2100), Central European Time.

Q. How do I download C-Weather?

A. Click on the C-Weather button on the toolbar  and a dialog box will appear. Click on the area you wish to download (a grid pattern will appear, denoting the area to be downloaded). Once you have decided on the area to retrieve weather for, click on the DOWNLOAD button in the dialog box. Only one region can be downloaded at a time.



Q. Is there a cost to download C-Weather?

A. No, C-Weather is a FREE service!

Additional C-Weather info can be accessed in PC-Planner using your
F1 key > Contents > C-Weather (#11)

NOTES...

PC-Planner Quick Reference Card

File View User Data Find Settings Help Tools

Flexi-Zoom

Current Prediction

DL 05:00

2022/2007 0854

Print
File Manager
Pan Chart
Transfer Data
Info Mode
Place U.P.
Move U.P.
Create New Route
Delete U.P.
Edit Route
Anti-Grounding Alarm
Perspective View
Chart Boundaries
Light Animation
Weather
North Up
Manual Chart Rotation

↓ Navman 8xxx & Northstar M Series Toolbar



↓ Furuno NavNet 1&2 Toolbar



↓ Furuno GP7000 Toolbar



↓ Generic Toolbar



USER POINT (U.P.) ICONS Choose any icon to mark

- fishing spots
- danger areas
- diving spots
- wreck areas
- more...