Mobile PDA Cradle
CMPC-41 PalmOne Universal 16 Pins Connector

carcomm ®
The Quality Line

Introduction

This installation manual has been prepared to provide the basic information needed to install the CMPC-41. This manual is not intended to be definitive, because there are different models and types of vehicles which will require different installation work. The information given is for general guidance only.

The terms of warranty demand that this mobile PDA cradle is installed by an experienced installer. An end-user should never attempt to install this mobile PDA cradle without professional assistance as the installation requires special tools and knowledge.

Note: Thoroughly read the manual before beginning the installation procedure.

WARNINGS

1. Ensure that the vehicle's battery is disconnected before you start the installation procedure and that it remains disconnected during the procedure.

2. Do not smoke or use open flames when working near the vehicle's fuel system.

3. Ensure that the vehicle's electrical cables, hydraulic lines, fuel lines and safety equipment are not damaged during the installation.

4. Ensure that normal control and operation of the vehicle is not obstructed by the installation,particularly the brakes and steering. Ensure that airbag operation is not obstructed.

5. Electronic and other sophisticated systems (for example speed control, ABS anti-lock brake,fuel injection-, navigation- and airbag systems) are relatively immune to malfunction caused by PDA or GPS receiver. However, should you experience false operation of these systems or are in any doubt whatsoever as to their functionality, please consult the vehicle's dealer.

6. The mobile PDA cradle is suitable for use only in vehicles with a 12V negative grounding. Use on other supply voltages or alternative polarity will damage the equipment.

7. The PDA should not be left switched on for extended periods without running the vehicle's engine. Failure to comply could drain the vehicle's battery.
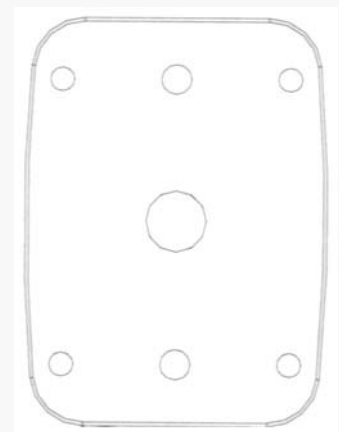
Before starting the installation of the mobile PDA cradle please check if the following contents are present :

- Mobile PDA Cradle
- Rotating Swivel
- Window Mount
- Suction Cup
- Fuse Holder cable with fuse
- Screw sets
- Surface cleaner
- Manual

Compatible devices

Palm Zire 71
Palm Tungsten C / W
Palm Tungsten T / T2 / T3
Palm m125 / m130 / m500
Palm m505 / m515 / i705

Safety-Mount® pattern

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Installing the Mobile PDA Cradle

1. Mount the window suction mount or Safety-Mount® (sold seperataly, instructions included with the product) To mount the window mount please clean the window and place the window mount in your preferred position. Tighten the nut on the base of the mount to make it stick to the window. Place the window mount in a position where it doesn't interfere with the operation of the vehicle.

2. You can screw the cradle to your mounting part directly, or use the included swivel. If you use a Safety-Mount® it may be necessary to drill holes in the Safety-Mount® to be able to screw on the cradle with or without swivel. You can use the pattern on the front page to see the positions where to drill the holes in the Safety-Mount®. Adjust the swivel to optimize your view on the PDA screen and tighten it well.

3. Align the cradle on the rotating swivel or Safety-Mount® and screw the cradle onto it with the enclosed screws through the 4 holes. Tighten the screws well.

For permanent installation and connection to the cars ignition power move on to step 5.

4. Plug the Cigarette jack into the Cigarette plug adaptor, check if the red light of the cigarette plug is lighted. Now you are able to charge your PDA in the mobile cradle. *Move on to step 7.*

5. Disassemble the Cigarette plug or cut it from the wiring loom and strip the wires. (The cradle is also available with a fuse in the wiring loom instead of cigarette plug.)

6. Now the red wire (with fuse) needs to be connected to the red wire from the cradle wiring loom. Then the other side of the fuse's wire needs to be connected to the vehicle's 12V Ignition controlled voltage (+15) to avoid draining the vehicle's battery when the vehicle is not used for a long time. The black wire needs to be connected to the Negative Ground of the vehicle.

7. Slide the PDA into the cradle slowly and make sure the PDA is centred well above the connector. Then press it over the connector gently. When removing the PDA from the cradle use one hand to hold the cradle and other hand to pull the PDA out of it.

Connecting a Carcomm Euro-Navigator wired GPS Receiver. *(optional)*
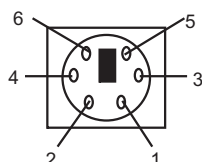
Connect the PS/2 plug from the GPS to the PS/2 Jack from the PDA cradle. The PDA will get the data from the GPS receiver and the cradle will supply 5V. power to the GPS Receiver. The GPS receiver can be connected, plug & play to the PDA Cradle. Mount the GPS on the dashboard with supplied hook & loop tape or under the dashboard with included dual sided tape. Make sure it has a clear unobstructed view to the sky and make sure that the GPS is positioned so that the top is facing upwards. Now you're able to setup and use your navigation software. In cars with UV protected windows the reception will be influenced and decreased.

How to connect another brand GPS Receiver.

When connecting another brand GPS Receiver, please check the tables below for the pin assignment of the PS/2 Female connector. Or check our website for adaptor cables. Note; The TX and RX connections have to be twisted to the GPS connector.

Step 1

Step 2

Step 3

Step 4

Step 7

Hands Free Carkit GPS Connections	
Signal Name	**PS/2 Female Pin**
Power Out 5V	4
TX	6
RX	2
Ground	3
Shielding	Housing

PS/2 Female Frontview

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