iGO™ Modem Cradles

Modem Charging Cradle User Guide

This user guide provides an overview of setting up and using your new Modem Charging Cradle.

Model Number: **PS6PMCM**

Box Contents

Please check the Modem Charging Cradle carton for the following required items:

- Modem Charging Cradle
- Power Adapter
- Quick install card
- Warranty card

For more information about these items see **More about the Box Contents** on page 4.

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Introduction

About the Modem Charging Cradle

The Modem Charging Cradle enables a telephone connection to a host computer. Palm Tungsten E2 handheld users can access and transfer critical information as easily as making a phone call. The cradle communicates via serial transmission with the Palm handheld. Before it can transfer data over the telephone line, the cradle will require third party software to be installed on the handheld.

NOTE
Palm does not support HotSync over a serial connection, thus HotSync is not a supported application for this device.

Minimum Requirements

The following minimum requirements must be met for the network, handheld and desktop computer to work together:

- Palm Tungsten E2 or compatible handheld
- Power Adapter
- Modem Charging Cradle
- RJ11 phone cable
- A desktop computer connected to a V.34 (or later) modem.

Product Registration

Thank you for purchasing this iGo product. We strongly encourage you to register this product so that we may keep you notified of pertinent updates and relevant product information. Failure to register does not diminish your warranty rights. We provide free product support to registered users for the first 90 (ninety) days from the purchase date.

Registration may be completed online at: www.igo.com/registration.

More about the Box Contents

Modem Charging Cradle

The Modem Charging Cradle is designed for and communicates serially with the Palm Tungsten E2 or compatible handheld.

The cradle's custom-designed mechanical interface connects to the handheld in the front, and connects to required services using its three rear connections:

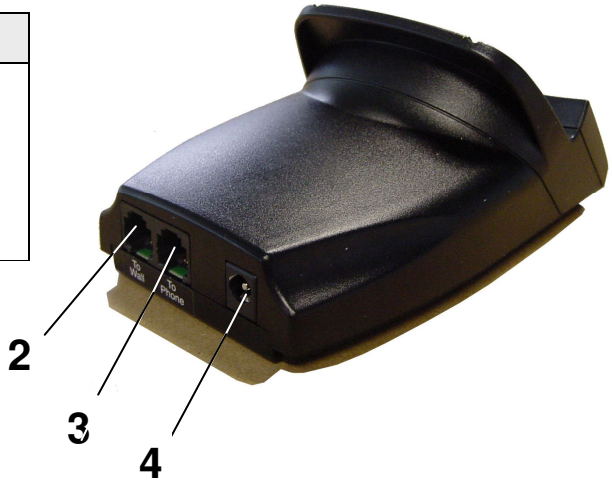
- A power receptacle for its power adapter.
- A **Line In** phone jack that connects the wall (or telephone company) line into the device.
- A **Line Out** phone jack that passes the signal through the device to a phone or other device that shares the line.

NOTE
Only one device may use the line at a time.

Front View

Rear View

#	Part Name
1	Palm multi-Connector Interface
2	Line In Phone Jack
3	Line Out Phone Jack
4	DC Power Receptacle



Power Adapter

The supplied power adapter is specifically designed for use with the Modem Charging Cradle. The power adapter converts standard household outlet voltage to the direct current voltage needed to power the cradle.

NOTE
The Modem Charging Cradle may only be used with the following power adapters:

Phihong Electronics Co., Ltd., Model PSA05R-050(PA). (iGo p/n 170140-000)

Chapter 1 – Preparing to Use the Modem Charging Cradle

Installation Overview

Before using the Modem Charging Cradle, its hardware and software must be properly configured.

We have provided a step-by-step procedure to help you properly configure your new Modem Charging Cradle. The procedure is divided into two major tasks.

- Preparing the cradle for first use, and
- Configuring the Network Manager to communicate via the Modem Charging Cradle.

Preparing the Modem Charging Cradle for First Use

Perform the following steps:

1. Connect the Modem Charging Cradle to Line Power using the supplied power adapters listed on page 5
2. Connect the Modem Charging Cradle to the Phone Line

NOTE

A compliant telephone cable terminated with an appropriate and correctly wired local telecom connector compatible with the telephone network is required for RJ11 connection (using middle line pair) to the modem.

CAUTION

Use only No. 26 AWG or larger telecommunication line cord to reduce risk of fire.

- Using an RJ11 phone cord, plug one male end into a phone wall outlet's RJ11 receptacle and the other into the cradle's **Line-In** phone jack.

WARNING

The Modem Charging Cradle is designed for use on a standard analog phone (or Plain Old Telephone Service (POTS)) line**. Digital lines used in PBX systems are not compatible with the Modem Charging Cradle and may damage the modem.**

Configuring the Network Manager for Modem Communication

Perform the following steps:

1. Create a Point-to-Point Protocol (PPP) connection with a remote computer by doing these steps:
   - On the *remote computer*, create a connection that will accept *incoming connections*.
   - Set the incoming connection device to *PC Modem*.
   - Verify that both, user information and permissions are correct.
   - Ensure that the *incoming connection* has a properly assigned IP address.
2. Configure the Palm Tungsten E2 to work with the Modem Charging Cradle:
   - Open *Preferences f*rom the Palm OS Main Menu.
   - Select *Communication → Connection*.
   - Create a *new connection* using these settings:
     - Name: *Custom*
     - Connect to: *Modem*
     - Via: *Cradle/Cable*
   - Select *OK* to save the new connection
   - Open *Preferences* from the Palm OS Main Menu
   - Select *Communication → Network* then insert these settings*:*
     - Service: *PSINet*
     - User Name: ***<Enter PC User's Name>*** who's being connected
     - Password: *<Enter same PC User's Password>*
     - Connection: *Custom*
     - Phone: ***<Enter Phone Number of Remote PC>***

Chapter 2 – Product/Technical Support

Product Support

We are committed to providing our customers with first-class customer service and technical support. You can receive product support in a variety of ways:

North America Product Support
Mobility Electronics
9918 Via Pasar
San Diego, CA 92126
Phone: (858) 880-2225
Fax: (858) 530-2733
E-mail: handheldsolutions@mobl.com
Web: www.mobilityelectronics.com

Technical Support

For additional information, please refer to the documentation that came with the ***Palm Tungsten E2***. If you need additional assistance, you can contact technical support via e-mail at: handheld_connectivity@mobl.com or directly by phone at (858) 880-2225 and follow the voice prompts to our Technical Support personnel.

Before calling us, please have the following information ready:

- Your name, email address, and phone number
- Your Modem Charging Cradle's model number
- Your Modem Charging Cradle's serial number

NOTE
The Modem Charging Cradle serial number can be found on the product label on the underside of the cradle.

- The handheld's make and model (e.g., Palm Tungsten E2)
- Your computer's make, model, and operating system
- A detailed problem description

Appendix A – Regulatory Information

This device is designed to be compliant with rules and regulations in locations it is sold and will be labeled as required.

CAUTION

The Mobility Electronics' Regulatory Engineering Department must approve changes or modifications not covered in this user guide in writing. Changes or modifications made without written approval may void the user authority to operate this equipment.

Radio Frequency Interference Requirement

FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and receiver
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected
- Consult the dealer or an experienced radio or television technician for help.

Mobility Electronics, Inc. is not responsible for radio/TV interference caused by using unauthorized cables or by making unauthorized changes to this equipment.

Radio Frequency Interference Requirement - Canada

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

Telecom Compliance, Warnings, and Notices

United States

The applicable regulatory notices for the United States include:

- This equipment complies with Part 68 of the FCC rules and requirements adopted by ACTA. On the bottom of this equipment is a label that contains a product identifier in the format US:AAAEQ##TXXXX. If requested, this number must be provided to the telephone company.
- The Ringer Equivalency Number (REN) determines the number of devices that may be connected to a telephone line. Excessive RENs on a telephone line may result in devices not ringing in response to an incoming call. In most areas, the sum of RENs should not exceed five (5.0). The REN for this product is part of the product identifier that has the format US:AAAEQ##TXXXX. The digits represented by ## are the REN without a decimal point.
- This equipment must be connected to the telephone network or premises wiring using a compatible modular jack (RJ11C) compliant with the applicable FCC Part 68 rules and requirements adopted by ACTA. A compliant telephone cord and modular plug are provided with this product. It is designed to be connected to a compatible modular jack that is also compliant.
- If this equipment, the Modem Charging Cradle PS6PMCM, causes harm to the telephone network, the telephone company will notify you in advance that temporary discontinuance of service may be required. Also, you will be advised of your right to file complaint with the FCC if you believe it is necessary.
- The telephone company may make changes in its facilities, equipment, operations or procedures that could affect the operation of this equipment. If this happens, the telephone company will provide advance notice in order for you to make necessary modifications to maintain uninterrupted service.
- If trouble is experienced with this equipment, the Modem Charging Cradle PS6PMCM, then contact Mobility Electronics (858-880-2225) for repair or warranty information. If the equipment is causing harm to the telephone network, the telephone company may request that you disconnect the equipment until the problem is resolved.
- This equipment must not be used on party lines.
- If your home has specially wired alarm equipment connected to the telephone line, ensure the installation of this modem does not disable your alarm equipment. If you have questions about what will disable alarm equipment, consult your telephone company.
- No user repairable parts are contained within this equipment.

Canada

This equipment meets the applicable Industry Canada Terminal Equipment Technical Specifications. This is confirmed by the registration number on the product label. The abbreviation “IC” before the registration number signifies that registration was performed based on a Declaration of Conformity indicating that Industry Canada technical specifications were met. It does not imply that Industry Canada approved the equipment.

The European Economic Area

Mobility Electronics, hereby, declares that this device is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC. A Declaration of Conformity may be obtained from http://www.mobilityelectronics.com/hh_cradle_support/.

The modem is designed to work with the following Public Switched Telephone Networks: Belgium, Netherlands, Luxemburg, Germany, France, Italy, Finland, Sweden, Norway, Switzerland, Denmark, UK, Ireland, Spain, Austria, Portugal, Greece, Estonia, Latvia, Lithuania, Poland, Czech Republic, Slovakia, Hungary, Cyprus, Malta and Slovenia.

Appendix B – Warranty

Mobility Electronics, Inc. warrants this product against defects in materials and workmanship to the *original* purchaser (or the first purchaser in the case of the remanufactured product being sold) for a period of one (1) year from the date of shipment. This warranty is limited to a repair or replacement of the product. To obtain warranty service, the purchaser must first call Mobility Electronics, Inc. for an RMA number, then return the product to Mobility Electronics, Inc. for repair or replacement.

Purchaser shall prepay shipping charges for products returned to Mobility Electronics, Inc. Mobility Electronics, Inc. will pay for return of the products to purchaser, except that purchaser shall pay all shipping charges, duties, and taxes for products returned to Mobility Electronics, Inc. from a country other than the United States.

Mobility Electronics, Inc. makes no other warranty of any kind with regard to this material. Mobility Electronics, Inc. shall not be liable for errors contained herein or for incidental or consequential damages in connection with the furnishing, performance, or use of this material.

Within thirty (30) days of receipt should the product fail for any reason other than damage due to customer negligence; purchaser has the right to return the product for a full refund of the purchase price. If the purchaser wishes to upgrade or convert to another Mobility Electronics, Inc. product within the thirty (30) day period, purchaser has the right to return the product and apply the full purchase price toward the purchase of the other product. Any other return will be subject to Mobility Electronics, Inc.'s existing restocking policy.

MOBILITY ELECTRONICS, INC. WARRANTS THAT THIS PRODUCT IS NEW OR HAS BEEN REMANUFACTURED TO MEET NEW STANDARDS USING NEW OR SERVICEABLE USED PARTS. MOBILITY, INC. MAKES NO OTHER WARRANTY, EITHER EXPRESSED OR IMPLIED, WITH RESPECT TO THIS PRODUCT. MOBILITY, INC. SPECIFICALLY DISCLAIMS THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

Some states or provinces do not allow limitations on how long an implied warranty lasts, so the above limitation or exclusion may not apply to you.

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Glossary

ACTA. America's Carriers Telecommunications Association

Modem. A device for transmitting data over telephone wires by modulating the data into an audio signal to send it and demodulating an audio signal into data to receive it.

POTS. An acronym for Plain Old Telephone Service.

PPP. The Point-to-Point Protocol. This is a communications protocol that was defined in RFC 1661, as the Internet standard for transmitting network layer IP packets over serial point-to-point links.

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