

# MOBICARD<sup>®</sup>

## User Manual



## **Emergency Calls**

Please contact your service provider for the information about the availability of Emergency Calls.

The MOBICARD M88i supports Emergency Calls with or without a SIM card inserted. However the M88 must be plugged into a computer, powered up and have a headset plugged into it. If you are outside the coverage area of a GSM network, then Emergency Calls will not work. Do not rely on the M88i as your sole means of contacting Emergency Services.

The procedure for generating an Emergency Call will depend on the application/service currently in use and the network you are connected to. It is recommended that you familiarize yourself with the appropriate procedures required to generate an Emergency Call. When connected to an Emergency Operator, you should have details of your

telephone number and location on hand.

## **M88i Safety Information**

The M88 is designed to operate only when plugged into a PCMCIA Type II PC card slot, within the confines of a computer. The M88i derives its power from the computer. Operation outside this environment, and/or with an alternative power supply, may infringe the type approval granted for this product, as well as potentially voiding the safety advice given below, and consequently should not be undertaken.

The correct installation procedure for the card must be adhered to at all times. The module operates at SELV limits, and it is the installer's responsibility to make sure that all hazardous voltages have been isolated from the SELV circuitry, and that all safety requirements have been met to the appropriate standards.

Further, it is the installers responsibility to ensure that the safety isolation barriers of the intended host equipment are not compromised by the installation of the card.

The M88i radiates radio frequency signals in the 1900 MHz frequency band.

Unlike a mobile phone the transmitter on the M88i would not normally be used close to the head and therefore high field strength is not usually encountered. Using the M88i is similar to using a mobile with a handsfree kit. However, take care to avoid placing any part of your body in proximity to the antenna on the M88i, while the M88i is operating.

#### FCC Notice and SAR StatementFor the M88i

FCC ID: P8D-C6M88I

This device complies with part 15 of the FCC Rules. Operation is subject to the condition that this device does not cause harmful interference.

NOTE: 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 limitsare designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates and uses radio frequency energy and, if not 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. It this equipment does cause harmful interference to radio to TV reception, which can be determined by turning the unit 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 antenna. Increase the separation between the equipment and the receiver. Connect the equipment into an outlet on a circuit different form that to which the receiver is connected. Consult the dealer or an experienced radio/TV technician for help.

Specific Absorption Rate SAR is a value that corresponds to the relative amount of RF energy absorbedby the wireless user. The FCC of the United States sets SAR limits. Tests for SAR values are conducted using FCC approved operating positions and multiple laptop configurations. Tests are run at the highest possible power levels.

The highest reported SAR levels for this PCMCIA card are in full compliance with the FCC limits. SAR compliance is limited to laptop computer installations.

## Troubleshooting

If you have trouble using your M88i, this section may help you identify the problem. If you need further assistance, you can contact Mobicom Corporation at 888-834-0602.

### General Checks

Make sure the M88i is properly inserted into the PCMCIA card slot of the laptop.

Check to see that the SIM is inserted correctly.

Check the signal strength icon on the Phone Tools interface, to ensure that there is enough signal from the GSM network.

## Introduction

Congratulations on your purchase of the MOBICARD M88i GPRS modem from Mobicom Corporation.

The M88i provides wireless GPRS data services and GSM voice services in a single card. With the M88i you can make and receive voice calls, send and receive SMS, use email, and surf the Internet with high-speed GPRS data connections.

### Components

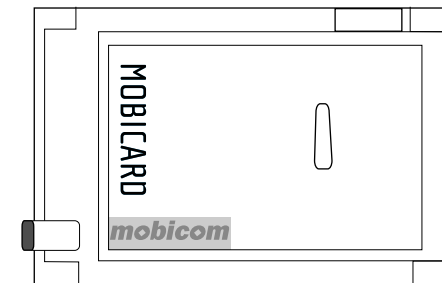
Your MOBICARD M88i box should contain the following items:

- Warranty registration card
- M88i installation guide (this manual)
- CD-ROM with application software
- M88i PCMCIA card
- Handsfree headset

You should notify your dealer immediately of any missing items.

For the latest information on the use of this product, please go to:

[www.mobicomcorp.com/M88/updates](http://www.mobicomcorp.com/M88/updates)



Before installing, please complete the warranty registration card supplied with the M88i, and return it to Mobicom Corporation.

## System Requirements

For use in laptop PCs:

- Free compatible type II PC card slot.
- PCMCIA/JEIDA PC Card Standard 6.1.
- Voice and GPRS data enabled SIM.
- Pentium II 266 or higher.
- Windows 95, 98, NT, 2000, XP, Millennium.
- At least 40Mb of free hard disk space.
- At least 64Mb of RAM.
- CD-ROM drive.

For data, Internet and email applications:

- Browser and email client software.
- Dial up networking, configured for your Internet Service Provider.

## Using Phone Tools with the M88i

To launch the Phone Tools application software, double click on the mobile Phone Tools shortcut on your desktop.

The first time you run Phone Tools, the software will be configured for you. Just follow the on screen instructions.

When Phone Tools starts running, a picture of a phone will be displayed. This phone is the software interface used to control your M88i. You can start using Phone Tools after the initialization is complete.

Phone Tools come with an extensive help menu. To access the help menu, simply press the ? icon on the phone. Then select the subject that you would like to learn more about.



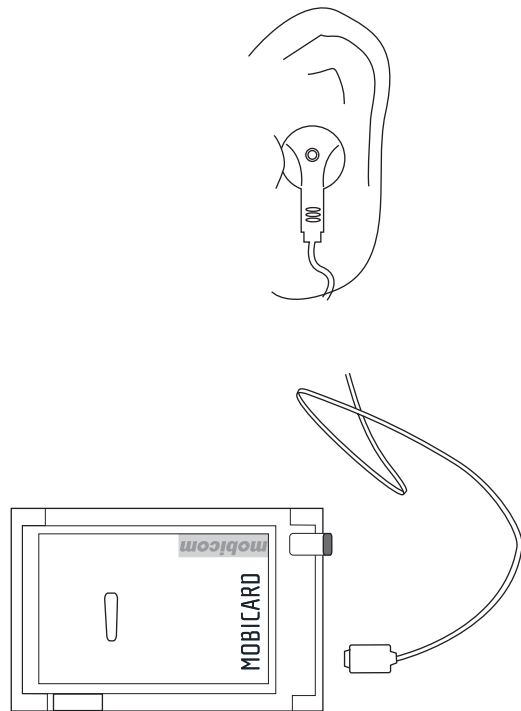
## The handsfree headset

The M88i is supplied with a handsfree headset that plugs into the front of the M88i.

To connect the headset, insert the headset plug into the headset connector on the outside edge of the M88i.

To remove the headset, squeeze the clips on each side of the connector body, then pull the headset away from the M88i. Do not pull away at an angle.

The headset is equipped with a button that can be used to answer incoming calls, or end an active call. To answer a call, just push and hold the headset button for 1 second. To end an active call, push and hold the headset button for one second



## Installing the M88i in a laptop computer.

This section explains how to install your M88 in a laptop computer. It is recommended that all important files are backed up prior to installation.

### Inserting the SIM card

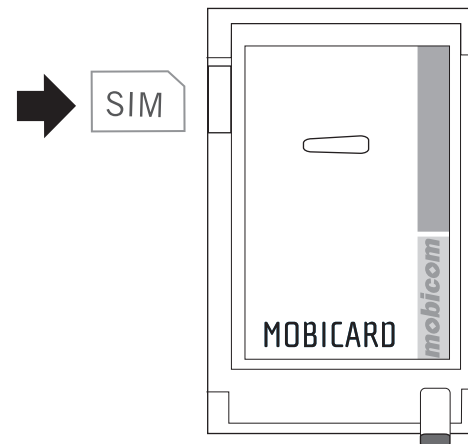
The M88i requires a SIM card, which is provided by your mobile phone service provider. This contains the telephone number that the M88 will use, as well as other customer information.



Your SIM card must be enabled for all of the services you want to use, such as Voice, Data, and GPRS.

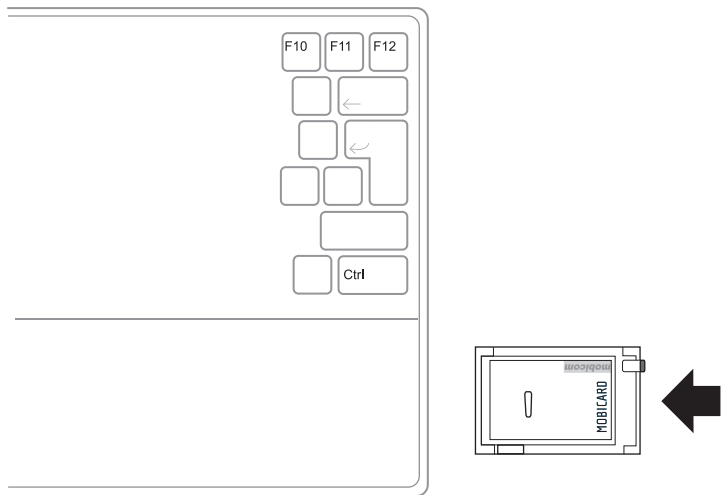
## To insert the SIM card:

Slide the SIM card into the socket on the side of the M88i. Make sure the orientation is as shown and the contacts face down. There is a notch on one corner of your SIM card that will ensure the orientation is correct.



Insert the M88i into one of the empty PCMCIA card slots. The card should be inserted with the SIM side up. Push the card in fully, but do not force it.

After proper insertion, the laptop should detect the card and automatically install the proper Windows driver for the M88i. The M88i should be installed as a Standard PCMCIA Modem.



### Installing Phone Tools software

Insert the M88i CD-ROM into the drive.  
Double click the CD-ROM icon in the My Computer folder.  
Double click on the folder of the language that you want to install.  
Double click on the folder named Disk1.  
Double click on the file Setup.exe.  
Follow the on screen installation instructions.

### Using your M88

This section explains some the general operational features of the M88i.

#### The fully retractable antenna

The M88 is supplied with a fully retractable dual band antenna. During normal operation the antenna should be fully extracted. When not in use the antenna should be inserted back into the M88.

