

Maintain Your Device

Reset Your Device

Manage Your Program Memory

## Maintaining Your Device **Chapter 8**



## MAINTAIN YOUR DEVICE

Your phone is a well-designed and engineered product and the following tips and suggestions will enable you to make the best use of it.

- Keep the phone in a dry environment. If the phone or battery were to get wet due to misuse, this could invalidate the manufacturer's warranty.
- Do not use the phone with wet hands to avoid shocks and risks of water entering in the device, which increases the risks of damage to internal circuits. This also applies if you have to replace the SIM/USIM or microSD card inside the phone, for whatever reason.
- Keep the phone and its accessories out of reach of young children and pets. They may accidentally damage the phone or run the risk of the smaller components being swallowed.
- Avoid storing the phone in hot environments as high temperatures can shorten the life of electronic components. There is the risk that the plastic casing can warp or melt if the temperature is high enough.
- Also avoid storing the phone in cold environments. When the phone is switched on and warms to its normal operating temperature, moisture can form inside the device, which may damage the circuit boards.
- Avoid dropping or any hard knocks to the phone as they can damage the internal circuit boards.
- If you need to clean the phone, wipe it with a soft clean cloth – avoid the use of cleaning solvents or detergents. DO NOT use water to clean the LCD screen.
- Do not attempt to re-spray or paint the phone.
- Do not keep the phone in or near heat sources such as radiators or microwave ovens – this can cause the battery inside the phone to overheat and explode.
- Ensure the volume is turned down if you are using headphones.
- If the phone does not work, carry out some basic troubleshooting checks and try the reset procedures described in the following section. If the problem persists, do not attempt to service or repair the device yourself as this may invalidate the terms of the warranty with the device provider.

An authorised service provider should carry out repairs. You should contact Clubmate to help you to diagnose the issue. You can contact them by visiting our site at <http://www.imate.com>.

## RESET YOUR DEVICE

Occasionally, you may need to reset your device. A normal (or Soft reset) of your device clears all active program memory and shuts down all active programs. This can be useful when the device is running slower than normal or a program is not performing properly. A soft reset is also necessary after the installation of some programs. If a soft reset is performed when programs are running, unsaved work will be lost.

You can also perform a Hard Reset (also known as a “Clean Boot”). Master Clean should be performed only if a normal reset does not solve a system problem. After a Hard Reset, the device is restored to its default settings (the way it was when you first purchased it and turned it on). Any programs you installed, data you entered and settings you customised on the device will be lost; only Windows Mobile software and other pre-installed programs will remain.

### To perform a Normal (Soft) Reset

Using the stylus, press the recessed RESET button which is located under the battery cover. Alternatively, remove the battery for a minute and then replace it.

### Hard Reset (Clean Boot)

Hard reset by accessing the Master Clear Application:

1. Tap Start > Settings > System tab then select Master Clear.
2. Enter confirmation code and tap Yes to confirm.



---


Warning: Master Clear will restore your unit to its default factory settings. All user data and programs on the device will be deleted.

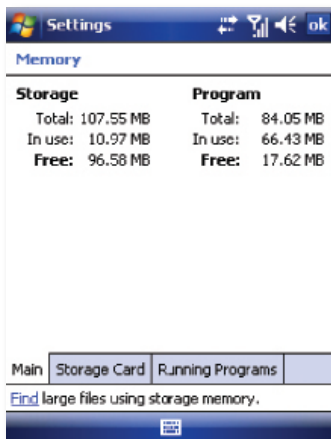
---

## MANAGE YOUR PROGRAM MEMORY

You may need to stop a program if the program memory is low or if the application stops responding.


### To see how much memory is available

1. Tap  Start > Settings > System tab > Memory.
2. On the Main tab, the amount of memory allocated to file and data storage versus program storage is displayed, as well as the amount of memory in use versus the available memory.



## See available storage card memory

You can see how much memory is available on a storage card that is inserted in your device. To stop running programs and to free memory for running more programs.

1. Tap  Start > Settings > System tab > Memory.
2. Tap the Storage Card tab.





Battery Information

PC System Requirements for ActiveSync 4.5

Regulatory Notices

Specifications

## **Appendix**



## BATTERY INFORMATION

Battery performance depends on many factors, including your wireless service provider's network configuration, signal strength, the temperature of the environment in which you operate your phone, the features and/or settings you select and use, items attached to your device's connecting ports, and your voice, data, and other program usage patterns.


### Battery life estimates (approximations)

- Talk time: 260 mins / Standby time: 180 hours.


### To check the battery power

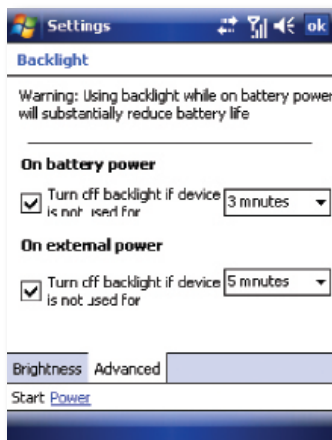
- Tap  Start > Settings > System Tab > Power.

OR:

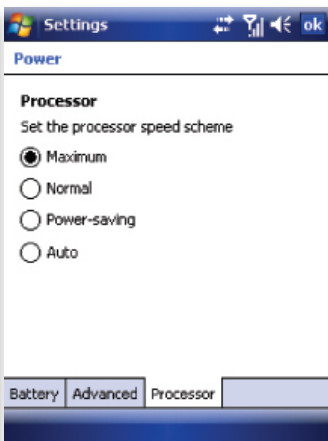
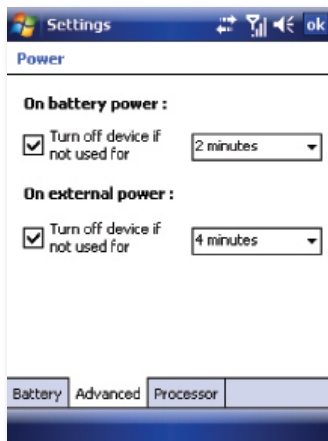
- On the Today screen, tap the battery icon .

### To optimize the power performance


- Tap  Start > Settings > System Tab > Backlight, and adjust the automatic turn-off durations and brightness levels to conserve power.



- Tap  Start > Settings > System > Power > Advanced tab




### Turn off device if not used

- Tap  Start > Settings > System > Power > Processor tab.
- Maximum: Best device performance
- Power-saving: Best battery life

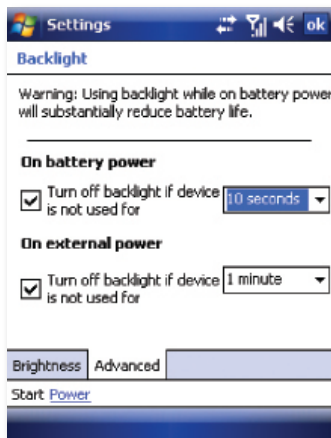
### Charge a flat battery

- Always use the original charger supplied in the box

### To manage a low battery

1. Immediately save your current data.
  2. Plug the AC charger into the device.
  3. Synchronize with your PC to charge the device.
  4. Turn off your phone.
- Tap  Start > Setting > System > Backlight

Change length of time keyboard backlight is on. The shorter time, the better the battery performance.



**WARNING!** Danger of explosion exists if a battery is incorrectly replaced. To reduce risk of fire or burns, do not disassemble, crush, puncture, short external contacts, expose to temperature above 60 C (140 F), or dispose of in fire or water. Replace only with specified batteries. Recycle or dispose of used batteries according to the local regulations or reference guide supplied with your product.



## **PC SYSTEM REQUIREMENTS FOR ACTIVESYNC 4.5**

At the time of writing this manual, the following requirements for ActiveSync 4.5 were published on Microsoft's website at:

<http://www.microsoft.com/windowsmobile/activesync/activesync45.msp>

### **Supported Operating Systems**

Windows 2000 Service Pack 4; Windows Server 2003 Service Pack 1; Windows Server 2003 Service Pack 1 for Itanium-based Systems; Windows Server 2003, Standard x64 Edition; Windows XP Media Center Edition; Windows XP Professional x64 Edition; Windows XP Service Pack 1; Windows XP Service Pack 2; Windows XP Tablet PC Edition.

Microsoft Outlook XP, Microsoft Outlook 2003 or Microsoft Outlook 2007 messaging and collaboration clients are required for synchronization with the desktop or portable computer of e-mail, calendar, contacts, tasks and notes. (Outlook 2007 is recommended.)

Microsoft Internet Explorer 6. or later (required)

Microsoft Office XP, Microsoft Office 2003, or Microsoft Office 2007

Microsoft Systems Management Server 2.0

## REGULATORY NOTICES

### Agency identification numbers

For regulatory identification purposes, your product (i-mate Ultimate) is assigned a model number of 8502.

To ensure continued reliable and safe operation of your Pocket PC, use only the accessories listed in this document.

This product is intended to be charged only from an i-mate Ultimate 8502 approved battery charger (rated 5V dc, 1A).

### Federal Communications Commission Notice

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. 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 TV reception, which can be determined by turning the equipment on and off, 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.

• The FCC requires the user to be notified that any changes or modifications made to the device that are not expressly approved by High Tech Computer Corporation may void the user's authority to operate the equipment. Safety precautions for RF exposure: Use only original manufacturer-approved accessories, or accessories that do not contain any metal. Use of non-original manufacturer-approved accessories may violate your local RF exposure guidelines and should be avoided. The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. For body worn operation, this phone has been tested and meets the FCC RF exposure guidelines when used with the standard accessories supplied or designated for this product. Use of other accessories may not ensure compliance with FCC RF exposure guidelines. The standard incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in usage. Normal conditions only ensure the radiative performance and safety of the interference. As with other mobile radio transmitting equipment, users are advised that for satisfactory operation of the equipment and for the safety of personnel, it is recommended that no part of the human body be allowed to come too close to the antenna during operation of the equipment.

#### SAR Information

- 1.450 W/kg @ 1g

## European Union Declaration of Conformity

The CE marking indicates that the product to which it is affixed complies with all the applicable Directives of the European Parliament and Council of the European Union, in particular the Radio & Telecommunications Terminal Equipment (R&TTE) Directive, 1999/5/EC.

The i-mate Ultimate (also known as model 8502) conforms to the following European Norms:

- EN 60950-1:2001 (IEC 60950-1 (Modified)) - Information technology equipment - Safety - Part 1: General requirements.
- ETSI EN 301 511 V9.0.2(2003-03) - Mobile communications (GSM); Harmonized standard for mobile stations in the GSM 900 and DCS 1800 bands covering essential requirements under article 3.2 of the R&TTE directive (1999/5/EC).

- ETSI EN301 908-1 V2.2.1 and EN301908-2 V2.2.1 - Electromagnetic compatibility and Radio spectrum Matters (ERM); Base stations (BS) and User Equipment (UE)... Harmonized EN for IMT-2000, CDMA Direct Spread (UTRA FDD) (UE) covering covering essential requirements of Article 3.2 of the R&TTE directive.
- ETSI EN300328 V1.7.1 - Electromagnetic compatibility and Radio spectrum Matters (ERM); Wide-band transmission systems; Data transmission equipment operating in the 2,4 GHz band and using spread spectrum modulation techniques; Harmonized EN covering essential requirements under article 3.2 of the R&TTE directive.
- ETSI EN301489-1 V1.7.1 - Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements.
- ETSI EN301489-7 V1.3.1 - Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) for radio equipment and services; Part 7: Specific conditions for mobile and portable radio and ancillary equipment of digital cellular radio telecommunications systems (GSM and DCS).
- ETSI EN 301 489-17 V1.2.1 - Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) for radio equipment and services; Part 17: Specific conditions for 2,4 GHz wideband transmission systems and 5 GHz high performance WLAN equipment.
- ETSI EN 301 489-24 V1.3.1 - Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) for radio equipment and services; Part 24: Specific conditions for IMT-2000 CDMA Direct Spread (UTRA) for mobile and portable (UE) radio and ancillary equipment.
- ETSI EN 300 440-1 V1.3.1 (2001-09) - Electromagnetic compatibility and Radio spectrum Matters (ERM); Short range devices; Radio equipment to be used in the 1 GHz to 40 GHz frequency range; Part 1: Technical characteristics and test methods
- ETSI EN 301 489-3 V1.4.1 (2002-08) - Electromagnetic compatibility and Radio spectrum matters (ERM); EMC standard for radio equipment and services standard for radio equipment and services; Part 3: Specific conditions Short range devices (SRD) operating on frequencies between 9 kHz to 40 GHz
- EN 50371:2002 - Generic standard to demonstrate the compliance of low power electronic and electrical apparatus with the basic restrictions related to human exposure to electromagnetic fields (10 MHz - 300 GHz) - General public.
- EN 50360:2001 - Product standard to demonstrate the compliance of mobile phones with the basic restrictions related to human exposure to electromagnetic fields (300 MHz ~ 3 GHz).

**SAR value: 0.727 W/kg @10g (CE)**

**CE0682!**

## Important health and safety information

Retain and follow all product safety and operating instructions. Observe all warnings on the product and in the operating instructions.

To reduce the risk of bodily injury, electric shock, fire and damage to the equipment, observe the following precautions.

### General precautions

Safety precautions for RF exposure:

Use only original manufacture-approved accessories, or accessories that do not contain any metal.

Use of non-original manufacturer-approved accessories may violate your local RF exposure guidelines and should be avoided.

### Safety precautions

- **SAFETY IN AIRCRAFT:** This product can cause interference to an aircraft's navigation system and network. It may be prohibited to use this product on board an airplane.
- **ENVIRONMENTAL SAFETY:** Do not use this product in gas stations, fuel stores, chemical plants and locations containing explosives.
- **ROAD SAFETY:** Vehicle drivers in motion are not permitted to use handheld telephony services, except in emergency. In some countries, using hands-free devices as an alternative is allowed.
- **MEDICAL EQUIPMENT SAFETY:** This product may cause medical equipment malfunction. In most hospitals or medical centers use of this product is forbidden.

### Heed service markings

Except as explained elsewhere in the User Manual, do not service any product yourself. Service needed on components inside these compartments should be done by an authorized service technician or provider.

## Damage requiring service

Unplug the product from the electrical outlet and refer servicing to an authorized service technician or provider under the following conditions:

- Liquid has been spilled or an object has fallen into the product.
- The product has been exposed to rain or water.
- The product has been dropped or damaged.
- There are noticeable signs of overheating.
- The product does not operate normally when you follow the operating instructions.

## Avoid hot areas

The product should be placed away from heat sources such as radiators, heat ventilation, stoves, or other products (including amplifiers) that produce heat.

## Avoid wet areas

Never use the product in a wet location.

## Avoid pushing objects into product

Never push objects of any kind into cabinet slots in the product.

## Use product with approved equipment

This product should be used only with personal computer and options identified as suitable for use with your equipment.

## Cleaning

Unplug the product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a soft cloth for cleaning, but NEVER use water to clean the LCD screen.

## SAR information

SAR value: 0.727 W/kg @ 10g (CE)

SAR value: 1.450 w/kg @ 1g(FCC)

Use of non i-mate approved accessories may violate RF exposure guidelines and should be avoided.

## WEEE NOTICE

The Directive on Waste Electrical and Electronic Equipment (WEEE), which entered into force as European law on 13th February 2003, resulted in a major change in the treatment of electrical equipment at end-of-life.

The purpose of this Directive is, as a first priority, the prevention of WEEE, and in addition, to promote the reuse, recycling and other forms of recovery of such wastes so as to reduce disposal.

The WEEE logo (shown above) on the product or on its box indicates that this product must not be disposed of or dumped with your general household waste. You are liable to dispose of all your electronic or electrical waste equipment by transferring it to a specified collection point for recycling of such hazardous waste. Isolated collection and proper recovery of your electronic and electrical waste equipment at the time of disposal will allow us to help conserve natural resources. Moreover, proper recycling of the electronic and electrical waste equipment will ensure safety of human health and the environment.

For more information about electronic and electrical waste equipment disposal, recovery, and collection points, please contact your local city center, town or county council, household waste disposal service, shop from where you purchased the equipment or manufacturer of the equipment.

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions.

- 1) This device may not cause harmful interference, and
- 2) This device must accept any interference received, including interference that may cause undesired operation.

Per FCC 15.21, you are cautioned that changes or modifications not expressly approved by the part responsible for compliance could void the user's authority to operate the equipment.

FCC RF Radiation Exposure Statement: This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This device and its antenna must not be co-located or operating in conjunction with any other antenna or transmitter.

**Cautions**

In August 1996 the Federal Communications Commission (FCC) of the United States with its action in Report and Order FCC 96-326 adopted an updated safety standard for human exposure to radio frequency electromagnetic energy emitted by FCC regulated transmitters. Those guidelines are consistent with the safety standard previously set by both U.S. and international standards bodies. The design of this phone complies with the FCC guidelines and these international standards. Use only the supplied or an approved antenna. Unauthorized antennas, modifications, or attachments could impair call quality, damage the phone, or result in violation of FCC regulations. Do not use the phone with a damaged antenna. If a damaged antenna comes into contact with the skin, a minor burn may result. Please contact your local dealer for replacement antenna.

**Body-worn operation**

This device was tested for typical body-worn operations with the back of the phone kept **2.0cm** from the body. To maintain compliance with FCC RF exposure requirements, use only belt-clips, holsters or similar accessories that maintain a **2.0cm** separation distance between the user's body and the back of the phone, including the antenna. The use of belt-clips, holsters and similar accessories should not contain metallic components in its assembly. The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided.