

TOSHIBA
Pocket PC e740
User's Manual

Introduction

Thank you very much for your purchase of this Toshiba Pocket PC e740. Please be sure to read this user's manual before using the Toshiba Pocket PC, and ensure that you are aware of the correct handling procedures.

- Please be sure to read the "Safety precautions" section in this document to learn about important safety issues.
- After reading this document, keep it in a convenient place for future reference.

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TOSHIBA Pocket PC e740 User's Manual

First edition March 2002

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Safety precautions




- Please carefully read “Safety precautions” before using the Toshiba Pocket PC and ensure that you are aware of correct handling procedures.
- The precautions provide essential information for the protection of the user and others from possible injury and property damage. They also provide information on the safe handling of this product .
- Please check that you fully understand the definition of the following messages (signs and graphical symbols) before reading the text, and always follow the instructions provided.

Safety instructions

There are two categories of Safety Instructions included in this manual: Product Warnings, (i.e., what must never be done to assure avoiding those hazards that could cause bodily injury or property damage); and User Directions (i.e., what must always be done to assure the safe use of your Pocket PC).

The Safety Instructions contained in this manual have been categorized in accordance with the seriousness of the potential hazards through the use of Signal Words.

Signal icons for WARNING, CAUTION, and NOTE, will be followed by important safety information that must be carefully reviewed.

Icon	Meaning
	WARNING Indicates a potentially hazardous situation, which could result in death or serious injury (*1) if you do not follow instructions.
	CAUTION Indicates a potentially hazardous situation, which if not avoided, can result in minor injury (*2) or property damage (*3).
	NOTE Gives you helpful information.

*1: Serious injury corresponds to an injury that leaves some aftereffect, and requires hospital treatment or long term treatment as an outpatient such as blindness, injuries, burns (high temperature, low temperature), electric shock, fractures, poisoning, etc.

*2: Minor injury corresponds to an injury that does not require hospital treatment or long term treatment as an outpatient, that is to say, injuries, burns, electric shock, etc.

*3: Property damage corresponds to the extensive damage with regard to the house structure, household goods, livestock, pets, etc.

Supplementary Information:	“The product complies with the requirements of the Low Voltage Directive 73/23/EEC and the EMC Directive 89/336/EEC.”
Weitere Informationen:	“Das Produkt entspricht den Anforderungender Niederspannungs Richtlinie 73 23/EG und der EMC-Richtlinie 89/336/EG.”
Informations complémentaires:	“Ce produit est conforme aux exigences de la directive sur les basses tensions 73/23/CEE et de la directive EMC 89/336/CEE.”
Información complementaria:	“El Producto cumple los requisitos de baja tensión de la Directiva 73/ 23/CEE y la Directiva EMC 89/336/CEE.”
Ulteriori informazioni:	“Il prodotto é conforme ai requisiti della direttiva sulla bassa tensione 73/23/EG e la direttiva EMC 89/336/EG.”
Ytteligare information:	“Produkten uppfyller kraven enligt lägsäpänningsdirektiver 73/23/EEC och EMC-direktiv 89/336/EEC.”

Limitation of liability

- Toshiba Corporation is in no way liable for any damage resulting from earthquakes, fire, actions on the part of a third party, other accidents beyond the control of Toshiba Corporation or intentional acts, negligence or misuse on the part of the user or any usage under abnormal conditions.
- Toshiba Corporation is in no way liable for any damage, including but not limited to change or loss of stored data, loss of business profit, lost profits, interruption of business, or lost communication opportunities that are caused by usage or non-usability of this product.
- Toshiba Corporation is in no way liable for any damage resulting from failure to comply with the contents of this instruction manual.
- Toshiba Corporation is in no way liable for any damage resulting from malfunction due to usage in combination with connection devices, software, or devices other than those provided by Toshiba Corporation with the product.

Handling the unit (including the batteries)

WARNINGS

- Turn the power off in areas where usage is prohibited, such as onboard an aircraft or in a hospital and do not use the Pocket PC.
Usage in such areas can cause an accident due to negative effects on equipment such as aviation equipment onboard or medical equipment.
- Keep the Pocket PC no less than 22 cm away from persons with a heart pacemaker implant when using the device in combination with a mobile phone.
Failure to maintain this distance can cause an accident due to negative effects on the pacemaker at close proximity.
- Do not use the Pocket PC when driving a car, etc. or while walking.
Usage when driving a car or while walking can cause a traffic accident or injury.
- Do not allow metallic objects, such as staples and clips, to enter inside the Pocket PC.
- Do not connect the terminals (metallic parts) with metallic objects.
Entry of or contact with foreign objects can cause heat generation or ignition.
- If the Pocket PC emits an unusual smell or sound, or generates smoke, turn the battery switch to the off position immediately and disconnect the AC adaptor from the power outlet.
Continued use of the Pocket PC under any of these conditions can cause fire.
Please contact the dealer from whom the Pocket PC was purchased and request inspection or repair service.
- Do not use or store in the following locations.
 - Locations such as a bathroom where the Pocket PC can be subjected to water splashes or conditions of high humidity.
 - Locations where rain, fog, etc. can enter directly.
 - Locations subject to high temperatures, such as near to a fire or heating equipment.
 - Locations exposed to direct sunlight.
 - Inside a tightly closed car under hot sunlight.
The battery can suffer liquid leakage, ignition, or rupture.
- Do not drop the Pocket PC or allow the Pocket PC to be subjected to any severe shock.
The battery can suffer liquid leakage, ignition, or rupture.

- If the battery leaks liquid, or emits an unusual smell, remove it immediately from the vicinity of any source of fire.

Continued use of the Pocket PC under any of these conditions can cause ignition of the leaked liquid, or rupture.

- If liquid leaks from the battery, do not touch it.

If such liquid is allowed to come into contact with the skin, it can cause eye or skin injuries. If the liquid should enter the eyes, irrigate the eyes thoroughly with clean water and immediately seek medical attention. If the liquid should come into contact with the skin or clothing, wash it away immediately with clean water.

- Do not disassemble, remodel or repair.

Disassembly, remodeling, or repair can cause injury.

Please contact the dealer from whom the Pocket PC was purchased and request repair service.

CAUTIONS

- When using the Pocket PC with the earphone (sold separately) connected to it, do not raise the sound volume level too high.

Raising the sound to high volume levels can impair your hearing ability.

- If the display is broken, and the liquid crystal (liquid) leaks out, do not touch it.

In the event of contact with the skin, the liquid crystal can cause a rash on the skin. If the liquid crystal should come into contact with the skin or clothing, wash it off immediately with clean water.

- Keep the Pocket PC out of the reach of infants.

Placing within the reach of infants can cause injury.

Dispose of used batteries



Do not dispose of used batteries with your ordinary waste. Dispose of the batteries as required by local ordinances or regulations. Use only batteries recommended by Toshiba as replacements.

Handling AC adaptor, power cord, cradle

WARNINGS

- Use only the AC adaptor supplied with the Pocket PC.

Using an AC adaptor other than that supplied can cause smoke or ignition.

- Insert the power plug to a household electric outlet.

When travelling abroad, never plug the AC Adapter into a power source that does not correspond to both the voltage and the frequency specified on the rating plate of the unit, as equipment damage will result.

- Do not connect or disconnect the power plug with wet hands.
Connecting or disconnecting under these conditions can cause electric shock.
- Do not leave open containers filled with liquid, such as cups, near the AC adaptor.
Spilt liquid entering the Pocket PC can cause ignition or electric shock.
- Do not use the Pocket PC in locations, such as a bathroom, where it will be subjected to liquid splashes.
Exposure to liquid can cause ignition or electric shock.
- If dust is found on or around the pins of the power plug, turn off the Pocket PC and disconnect the power plug from the outlet, then wipe off the dust using a dry cloth.
Dust accumulation on the power plug can cause fire due to loss of insulation.
- Do not disassemble, remodel, or repair.
Disassembly, remodelling, or repair can cause fire, electric shock, or injury.
Please contact the dealer from whom the Pocket PC was purchased and request repair service.

CAUTIONS

- When unplugging the power plug from the outlet, disconnect the power cord by grasping the power plug itself.
Pulling out the power cord by grasping the cable can cause ignition or electric shock due to cable damage.
- When handling the power cord, observe the following rules.
 - Do not damage the power cord.
 - Do not tamper with the power cord.
 - Do not twist the power cord.
 - Do not forcibly bend the power cord.
 - Do not pull the power cord.
 - Do not overload the power cord.
 - Do not heat the power cord.
 - Do not place it close to heating apparatus.Failure to do so can cause fire or electric shock.
If you find that the power cord is damaged, please call the dealer from whom the Pocket PC was purchased and purchase a new power cord.
- Do not connect terminals (metallic parts) with metallic objects, such as wires.
Connecting the terminals (metallic parts) with metallic objects can cause heat generation or burns.
- Keep the Pocket PC out of the reach of infants.
Placing within the reach of infants can cause injury.

NOTES

- Use the Pocket PC only in locations with the following ambient environmental conditions.
When operating temperature 0°C to 40°C, Humidity 30% to 80%
When charging temperature 5°C to 35°C
- Do not use or store the Pocket PC in the following locations.
 - Locations subject to extremely high or low temperatures
 - Dusty locations
 - Locations subject to strong vibrationUsage or storage in such locations can cause failure, malfunction, or loss of stored data.
- Do not allow the Pocket PC to be subjected to sharp temperature changes.
The resulting moisture condensation can cause failure, malfunction, or loss of stored data.
If moisture condensation is generated, use the Pocket PC only after allowing it to dry completely.
- When charging the battery, the case of the AC adaptor can become warm, but this is not abnormal.
- Disconnect the power plug from the outlet when not in use.
- Avoid inadvertently sitting while the Pocket PC is inserted in the back pocket of trousers, etc.
Sitting under these circumstances can cause damage or failure.
- Do not place objects or drop them on top of the Pocket PC.
When the Pocket PC is placed in a bag containing heavy items, do not allow it to be caught underneath them.
Placing it under these conditions can cause damage or failure.
- Clean the terminals (metallic parts) occasionally with a Q-tip.
Dirty terminals can cause disconnection or poor charging.
- Do not use organic solvents such as benzene or thinner to clean the Pocket PC.
Use of these solvents can cause deformation or discoloration.
Wipe dirty parts with a soft dry cloth.
- Do not wipe the display with a wet cloth. Do not touch it with wet hands.
Wiping or touching under these conditions can cause failure or malfunction.
Wipe the display with a soft dry cloth.

- It is recommended that important data stored in the unit should be either noted down occasionally, or saved to a memory card (sold separately) or personal computer (data transfer with Active Sync).
The following can result in loss of stored data.
 - Misuse of the Pocket PC
 - Subjecting the main unit to the effects of static electricity or electric noise
 - Total loss of charge in the battery due to an extended period of non-use
 - Failure or repair servicing of the Pocket PC
- Toshiba Corporation is in no way liable for change or loss of stored data resulting from failure or repair of the unit. Please understand this before usage.
- When using the optional (sold separately) "SD memory card", please be sure to read the relevant instruction manual and ensure that you are aware of correct handling procedures.
 - Do not allow the card to be subjected to any severe shock while connected to the unit. Such shocks can cause damage or failure.
 - Do not carry the unit with the card still connected.

Carrying the unit with the card connected can cause loss of the card due to it falling from the unit.

- A lithium ion battery is used as the battery.
Please request the dealer from whom the Pocket PC was purchased to replace the battery when this becomes necessary. Lithium ion batteries are recyclable. When you replace your battery, please request that the repair center recycle the battery. Never dispose of the battery with ordinary waste.



The battery is a lithium ion battery, which can explode if not properly replaced, used, handled or disposed of. Dispose of the battery as required by local ordinances or regulations. Use only batteries recommended by Toshiba as replacements.

Working environment

This product was designed to fulfill the EMC (electromagnetic compatibility) requirements for “residential, commercial and light industry environments”.

Toshiba does not approve the use of this product in working environments other than “residential, commercial and light industry environments”.

For example, the following environments are not approved:

- Industrial Environments (environments with a mainvoltage >230V~)
- Medical Environments
- Automotive Environments
- Aircraft Environments

Any consequences resulting from the use of this product in working environments that are not approved are not the responsibility of Toshiba Corporation. The consequences of the use of this product in non-approved working environments may be:

- Interference with other devices or machines in the nearby surrounding area
- Malfunction of, or data loss from, this product caused by disturbances generated by other devices or machines in the nearby surrounding area

Therefore Toshiba strongly recommends that the electromagnetic compatibility of this product be suitably tested in all non-approved working environments before use. In the case of automobiles or aircraft, the manufacturer or airline respectively should be asked for permission before use of this product.

Furthermore, for general safety reasons, the use of this product in environments with explosive atmospheres is not permitted.

CE compliance

This product and the original options are designed to observe the related EMC (Electromagnetic compatibility) and safety standards. However, Toshiba cannot guarantee that this product still observes these EMC standards if options or cables not produced by Toshiba are connected or implemented. In this case, the persons who have connected / implemented those options / cables have to make sure that the system (PC plus options / cables) still fulfils the required standards. To avoid general EMC problems, the following advice should be observed:

- Only CE marked options should be connected / implemented
- Only best shielded cables should be connected

FCC Notice “Declaration of Conformity”

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/TV technician for help.



Only peripherals complying with the FCC class B limits may be attached to this equipment. Operation with non-compliant peripherals or peripherals not recommended by Toshiba is likely to result in interference to radio and TV reception. Shielded cables must be used between the external devices and the computer's USB ports, external monitor port, PS/2 keyboard port and PS/2 mouse port. Changes or modifications made to this equipment, not expressly approved by Toshiba or parties authorized by Toshiba could void the user's authority to operate 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
- 2 This device must accept any interference received, including interference that may cause undesired operation.

Canadian Regulatory Information (Canada Only)

This digital apparatus does not exceed the Class B limits for radio noise emissions from digital apparatus as set out in the Radio Interference Regulation of the Canadian Department of Communications.

Note that Canadian Department of Communications (DOC) regulations provide, that changes or modifications not expressly approved by TOSHIBA Corporation could void your authority to operate this equipment.

This Class B digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations.

Cet appareil numérique de la class B respecte toutes les exigences du Règlement sur le matériel brouilleur du Canada.

FCC Class B Digital Devices & Peripheral Devices (Declaration of Conformity or Certification Authorization)

Declaration of Conformity Label & Marking Requirements

User Manual must provide user information in accordance with \pm 15.19(a)(3), 15.21, 15.27 and 15.105(b):

Instruction Manual Federal Communication Commission Interference 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 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/TV technician for help.

FCC Caution: Assure continued compliance (for example, use only shielded interface cables when connecting to computer or peripheral devices). Any changes or modifications not expressly approved by the manufacturer of this device could void the user's authority to operate this 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.

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Getting Started

Welcome


Congratulations on purchasing your Toshiba Pocket PC e740. Due to the size and capabilities of this device, you can keep your most important business and personal information up-to-date and close at hand.

Microsoft® ActiveSync® increases the power of your device by allowing you to synchronize the information on your desktop or laptop computer with your device. Picture yourself in the following situations:

- While walking with a colleague, your cell phone rings and your manager asks if you two are free this afternoon for an emergency meeting. While your colleague fumbles through his paper organizer, you press a button on your device and instantly see a list of today's appointments and meetings. You are quickly able to tell your manager your available times. For more information on scheduling appointments and meetings, see Chapter 4.
- You're meeting your friends tonight for dinner and a movie. You download the latest movie information from the Internet to your computer and then synchronize it with your device. At dinner, you pull out your Toshiba Pocket PC device and review your movie options with your friends. For more information on downloading Web pages to your device, see Chapter 6.
- A Calendar reminder alerts you that it is time to catch the bus. You grab your Toshiba Pocket PC device and catch the bus just in time. Because ActiveSync keeps the information on your device up-to-date, you leisurely review your task list, make notes about the new books and CDs you want to buy, and read and respond to e-mail messages. When you get back to the office, ActiveSync transfers any task changes you made, your notes, and your e-mail message responses to your computer. For more information on ActiveSync, see Chapter 3.

Where to Find Information

This book describes your Pocket PC's hardware, provides an overview of the programs on your Pocket PC, and explains how to connect your Pocket PC to a computer, a network, or the Internet. For instructions on setting up your Pocket PC and installing ActiveSync, see the Quick Start Card. The following table is a guide to additional information to help you use your Pocket PC.

For information on:	See this source:
Programs on your Pocket PC	This User's Manual and device Help. To view Help, tap  and then Help .
Additional programs that can be installed on the Pocket PC	The Toshiba Pocket PC Companion CD.
Connecting to and synchronizing with a computer	The Quick Start Card or ActiveSync Help on your computer. To view Help, click Help and then Microsoft ActiveSync Help .
Last-minute updates and detailed technical information	The Read Me files, located in the Microsoft ActiveSync folder on the computer and on the Toshiba Pocket PC Companion CD.
Up-to-date information on your Toshiba Pocket PC	http://www.pda.toshiba.com

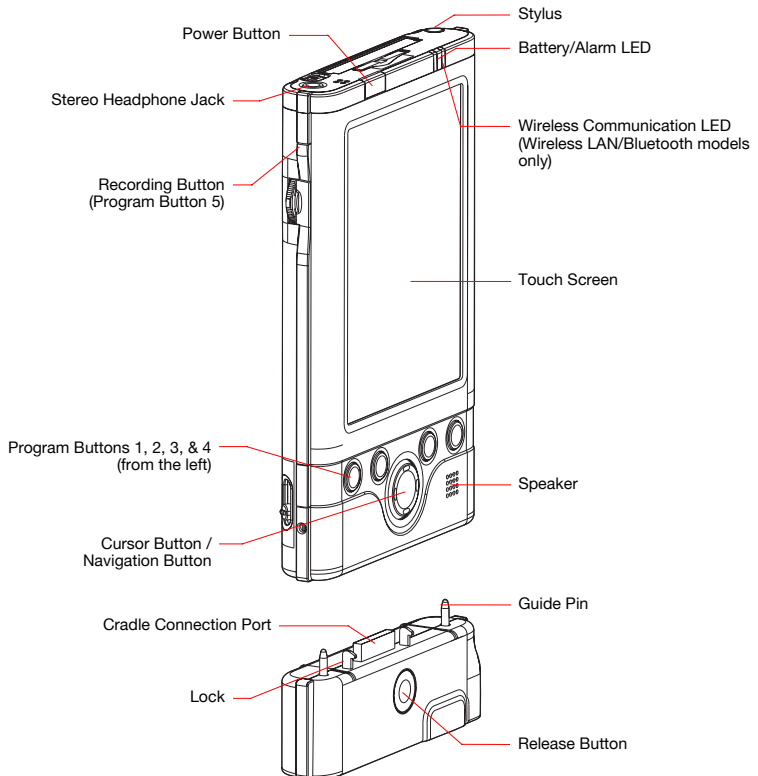
Chapter 2

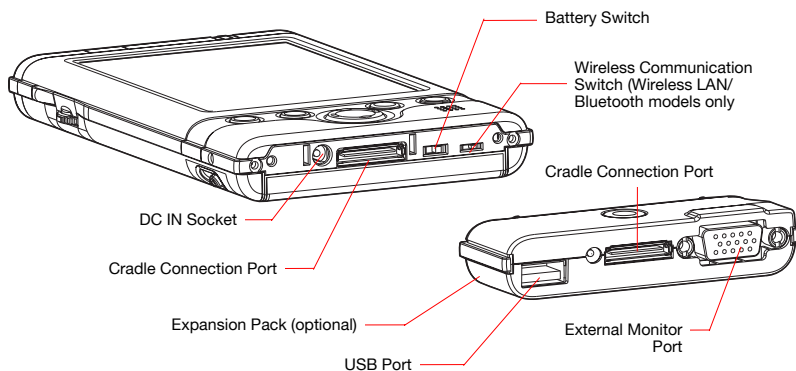
Basic Skills

You can easily learn to use your Toshiba Pocket PC. This chapter describes the use and customization of your Toshiba Pocket PC.

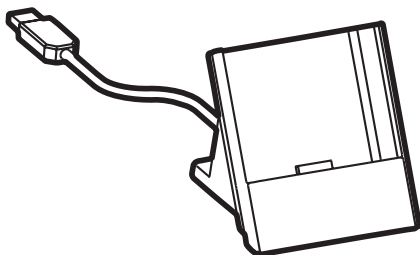
Parts Names and Function

Main unit and optional Expansion Pack (front view)









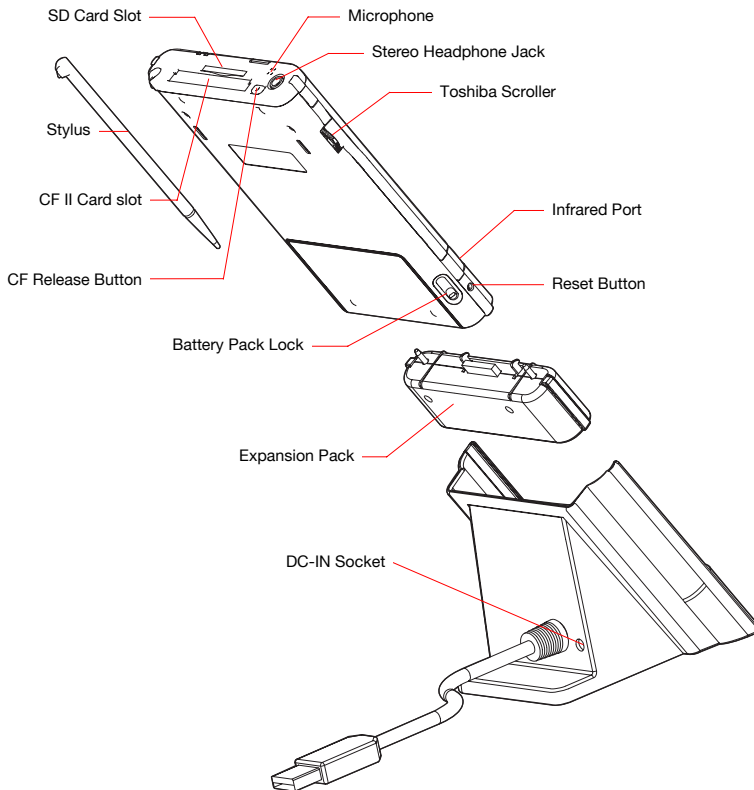
The Cradle



Initial Setting of Program Button

- Program button 1 = Calendar 
- Program button 2 = Tasks 
- Program button 3 = Home 
- Program button 4 = Contacts 
- Program button 5 = Voice recorder

Main unit (back view)



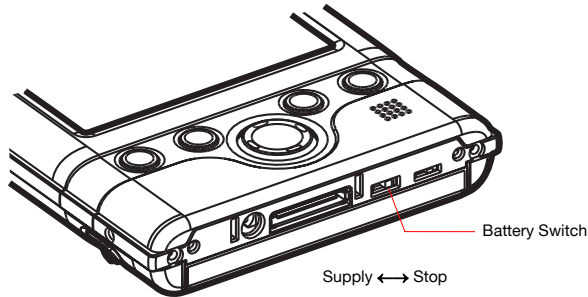
Power Button

The power button turns the unit and the front light on and off.

Power button	When the power is off	When the power is on
Press and hold it.	The power turns on.	The front light alternately turns on/off.
Press it quickly.	The power turns on.	The power turns off.

Battery Switch

The battery switch supplies/cuts off the battery power to the Toshiba Pocket PC.



The setting of this switch at shipment is “stop”. When using the Toshiba Pocket PC for the first time, slide this switch to the left (the “supply” side) with the stylus.



Switching the battery switch to the “stop” position at any time will lead to loss of data.

Wireless Communication Switch and LED

Off	Wireless Communication Switch is turned OFF
Orange	Wireless Communication Switch is turned ON

Battery/Alarm LED

The alarm lamp indicates the machine condition.

Flashing orange	When the preset alarm time, which was set through Calendar or Tasks , goes off, the lamp flashes.
Orange	Indicates charging of the battery.
Flashing yellow	The battery charging process is stopped due to the ambient temperature being too high or low. Charge the battery in an ambient temperature of approx. 5°C to 40°C.
Green	Indicates full charge of the battery.

How to Use the Stylus

The stylus is used for menu selection or data input on the touch-screen of the Toshiba Pocket PC e740.

- **Tap:** Touch the screen once with the stylus to open items and select options.
- **Drag:** Hold the stylus on the screen and drag it across to select text and images. Drag in a list to select multiple items.
- **Tap and hold:** Tap and hold the stylus on an item to see a list of actions available for that item. On the pop-up menu that appears, tap the action you want to perform.



When you operate the touch screen of the Toshiba Pocket PC e740, use the supplied stylus.

If the tip of the stylus is damaged, do not use it. If you operate the touch screen with a damaged stylus or a ballpoint pen, the touch screen may be damaged.

When the stylus is damaged, please purchase a new one.

About the Cursor Button

You can move a cursor (selection display) on the screen by pressing the upper, lower, right or left part of the cursor button.

You can select a program to launch by pressing the center part of the cursor button.



The cursor movement is different depending on the screen. When the cursor is at the right or the left side of the screen, it may not move.

About the Scroller

You can also move the cursor on the screen by moving the scroller up and down.

You can select a program to launch by pressing the scroller.

Battery Charging

A battery is installed in the Toshiba Pocket PC. When using the Toshiba Pocket PC for the first time, set the battery switch to the supply side, and then charge the battery with the supplied AC adapter.

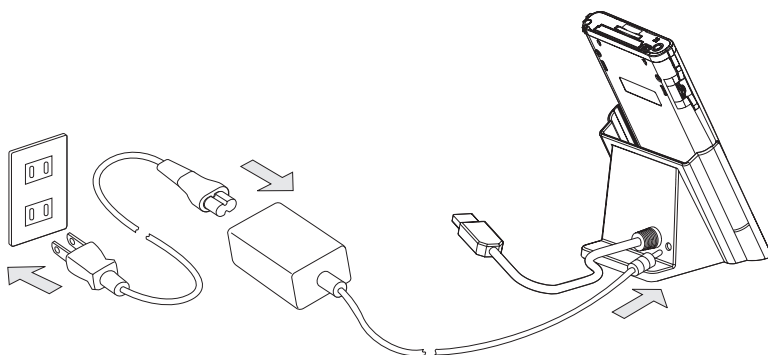
How to Charge the Battery

You can use two charging methods.

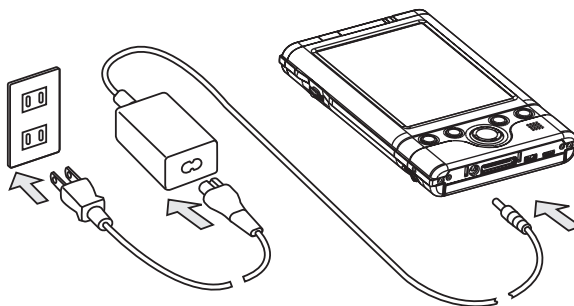


Turn the unit off before connecting the AC Adapter and Pocket PC.

Method 1. Connect the supplied AC adapter and the cradle as shown in the figure below, and then insert the Toshiba Pocket PC into the cradle.



Method 2. Connect the supplied AC adapter and the Toshiba Pocket PC as shown in the figure below.



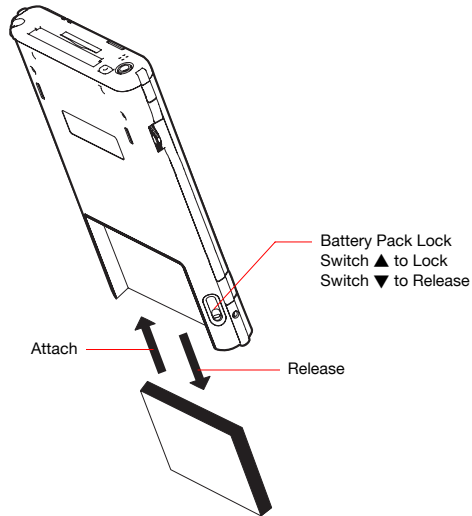
For charging the battery, maintain an ambient temperature from approx. 5°C to 40°C.

When the lamp glows orange or green during the battery charging, you can use the Toshiba Pocket PC e740.

When the battery is completely charged, the Battery/Alarm LED color will change to green.

How to Attach/Detach the Main Battery Pack

- 1 Turn off the power.
- 2 Switch the Battery Pack Lock to release the battery pack.
- 3 Attach/Detach battery from the Pocket PC.



You cannot turn on the power if the Battery Pack Lock is at the Release position.

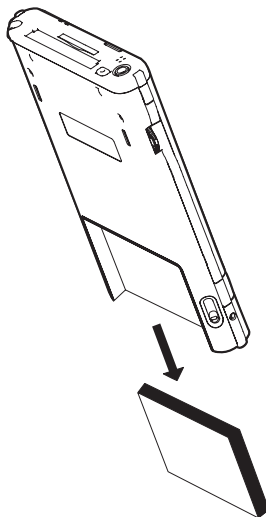


You can change the main battery without data loss because your Toshiba Pocket PC e740 has a rechargeable backup battery.

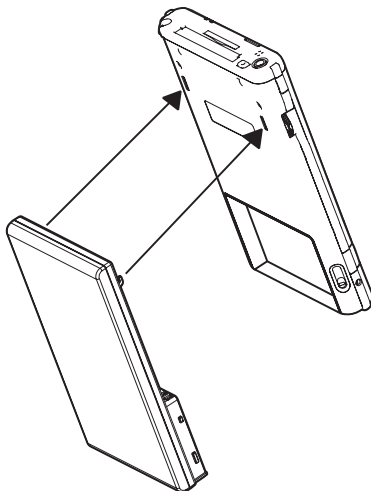
But the capacity of the backup battery is small. When you change the main battery, please attach the new main battery and switch Battery Pack Lock to the Lock position as soon as possible.

How to Use the High Capacity Battery Pack

- 1 Turn off the power.
- 2 Switch the Battery Pack Lock to release the battery pack.
- 3 Remove battery from the Pocket PC.



- 4 Connect the High Capacity Battery pack to the Pocket PC.
- 5 Switch the Battery Pack Lock to lock the High Capacity Battery pack.



How to Prolong Battery Life

- Use the Toshiba Pocket PC e740 with the AC adapter.
When you use the Toshiba Pocket PC under the following conditions, the power consumption will be higher than normal. Please use the AC adapter when:
 - The Toshiba Pocket PC e740 is operated while connected to your computer.
 - The Toshiba Pocket PC e740 is operated with a storage card or with any other optional equipment.
- Select the short power-off time in the setting menu. This will shorten the time the unit will remain on if not used. For more information, see “Customize Your Toshiba Pocket PC” in this chapter.
- Turn off the front light.
- Set the screen brightness to power save mode (Med Bright or low Bright). Also shorten the light turn-off time. For more information, see “Customize Your Toshiba Pocket PC” in this chapter.
- Use the Toshiba Pocket PC with an ambient temperature between 15°C (59°F) and 25°C (77°F). This temperature range is the most effective for the battery.
 - When you use the Toshiba Pocket PC e740 in high or low temperature environments, the operable time is shortened due to the decrease of the battery capacity.
 - Turn off the Wireless Communication Switch when you don't use Bluetooth or Wireless LAN (Bluetooth and Wireless LAN models only).

Battery Life

The battery has a limited life. Repeated charging/discharging of the battery gradually decreases operable time.

- Do not leave the Toshiba Pocket PC in a place of high or low temperature. It may shorten battery life.



If you have not used the Toshiba Pocket PC for several days, its battery charge level reading may be inaccurate. Fully recharge the battery before using.

Battery Charge Level and Stored Data Protection

If the battery charge level becomes extremely low, or is completely discharged, the memory data stored in the Toshiba Pocket PC will be lost.

When the low battery status icon or the alarm message appears, immediately connect the AC adapter to your Toshiba Pocket PC and charge the battery.



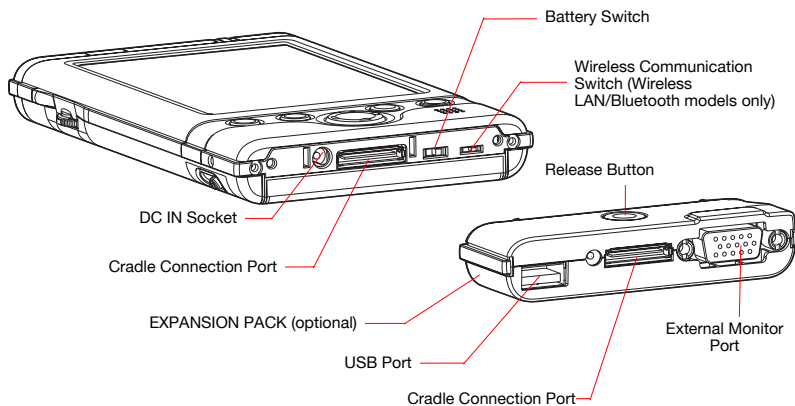
The battery gradually discharges even if the device is not being used. When the Toshiba Pocket PC is left for a long time, the battery of the Toshiba Pocket PC may completely discharge.

As a precaution, it is recommended that you save the Toshiba Pocket PC's memory data to your computer or to a storage card.

The manufacturer is not responsible for data change or data loss due to battery discharge.

How to Use the optional Expansion Pack

You can use the optional Expansion Pack to connect the Pocket PC e740 to additional peripherals.



Parts and Functions of the Expansion Pack

Cradle Connection Port: The **Cradle Connection Port** allows you to connect the Expansion Pack to the Cradle.

External Monitor Port: The **External Monitor Port** is a standard 15-pin RGB port for connecting an external display device such as a monitor or projector. Supported resolutions are:

- 640 x 480 256 colors @60Hz
- 640 x 480 64K colors @60Hz
- 800 x 600 256 colors @75Hz



Only IA-Presenter and IA Screen Mirror (see chapter 10) can output the image to the external monitor. Other applications cannot output the image to the external monitor.

USB Port: The **USB Port** allows you to connect a USB keyboard to the Pocket PC.



Only use a Microsoft Pocket PC compatible keyboard.

Release Button: When being pressed, the **Release Button** releases the Expansion Pack from the Pocket PC e740.

Connecting the Expansion Pack to the Pocket PC

- 1 Plug the **Guide Pins** into the corresponding jacks on the Pocket PC.
- 2 The locks will give a light click when the Expansion Pack is in place.



*The locks are based on foolproof design to help you connect the Expansion Pack to the Pocket PC with the right face-up, i.e. the face with the **Release Button**.*

Releasing the Expansion Pack from the Pocket PC

Press the **Release Button** on the Expansion Pack and gently remove the Pack from the Pocket PC.

Initial Setup

When using the Toshiba Pocket PC e740 for the first time, carry out the initial setup according to the procedures below after the battery has been charged.

- 1 Move the battery switch to the “supply” position. The Toshiba Pocket PC powers on automatically and the Welcome screen appears. Tap the screen to start the following setup.
- 2 Execute touch screen alignment.

When the alignment screen appears, tap the center of the cross target with the stylus. The next target position changes upon tapping the target. Five taps completes the positioning alignment. The screen then changes to the Stylus screen.

- If a finger or any other object besides the stylus touches the screen during alignment, the alignment will be cancelled and you must repeat the procedure.
- 3 Read how to use the stylus.
 - Read and understand the stylus operation, and then tap **NEXT**.



For more information on stylus operation, see “How to Use the Stylus” in this chapter.

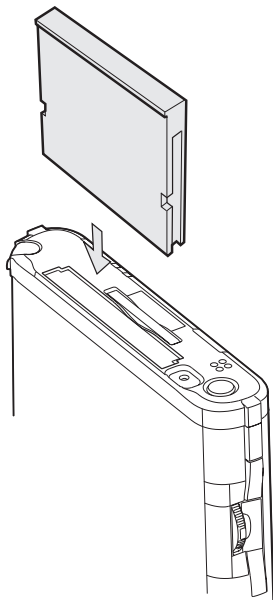
- 4 Learn the pop-up menu operation.
 - Read the on-screen explanation and then follow the instructions. Display the pop-up menu, and cut and paste the data according to the screen instructions.
 - After you finish the paste operation, this stage is completed. Tap **NEXT**.
- 5 Set the TIME ZONE.
 - When tapping the right ▼ mark, the city and the time zone list appears. Tap the desired city and time zone.
 - When the setup is completed, tap **NEXT**.
- 6 Complete the initial setup.
 - When the Complete screen appears, the initial setup is completed.
 - After tapping the screen, you can use the Toshiba Pocket PC.



When you tap the Complete screen, the Today screen appears. For more information, see “Today screen” in this chapter.

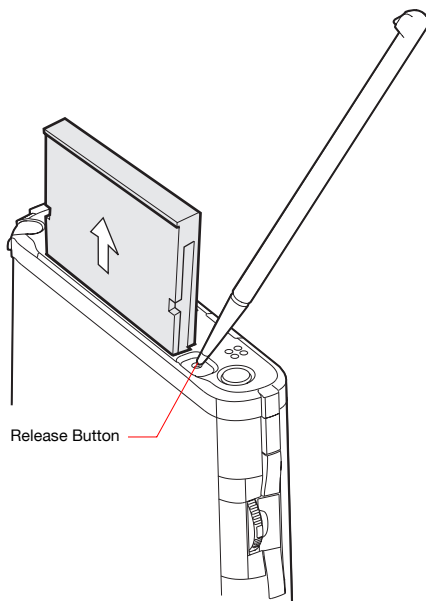
Inserting a CF II Card

- 1 Turn off the power.
- 2 Remove the dummy card.
- 3 Insert the CF II card confirming the direction of the card. Line up the side grooves of the card and the groove edge of the card slot. Insert the card smoothly and completely.



To remove a card:

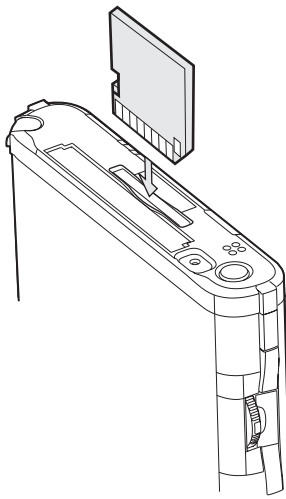
- 1 Turn off the power.
- 2 Lightly press down the release button with the stylus. The button will pop out. Press down on the release button again. The card will withdraw slightly from the slot.
- 3 Pull the card straight up to remove.



Use the stylus to release the CF II card.

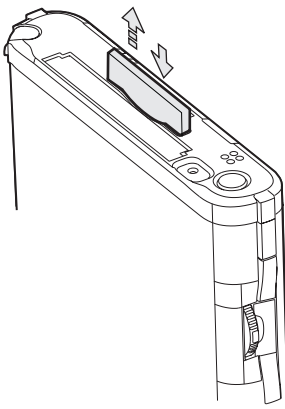
Inserting an SD Card

- 1 Turn off the power.
- 2 Remove the dummy card.
- 3 Insert the card with its contact surface (metal contact surface) facing the back of the Toshiba Pocket PC.
- 4 Press down until it clicks.



To remove a card:

- 1 Turn off the power.
- 2 Lightly press the card down until a clicking sound is heard. The card will pop out slightly from the slot.
- 3 Pull the card straight up to remove it.



When storage cards are inserted in both the CF and SD card slots, one of them may only be accessible depending on the application or the Settings operation (typically, the first storage card inserted is accessed).

Typical examples:

- Notes of Pocket Outlook.

- Saving the destination selection of the Options item of the Tools menu of Pocket Word.

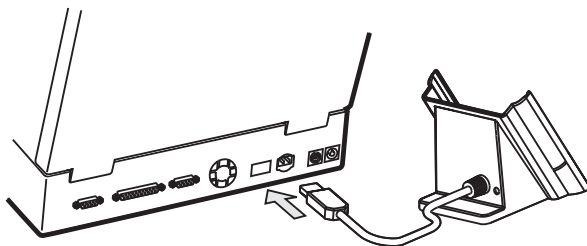
Connecting to a Computer

Before connecting your Toshiba Pocket PC to a computer, check the following:

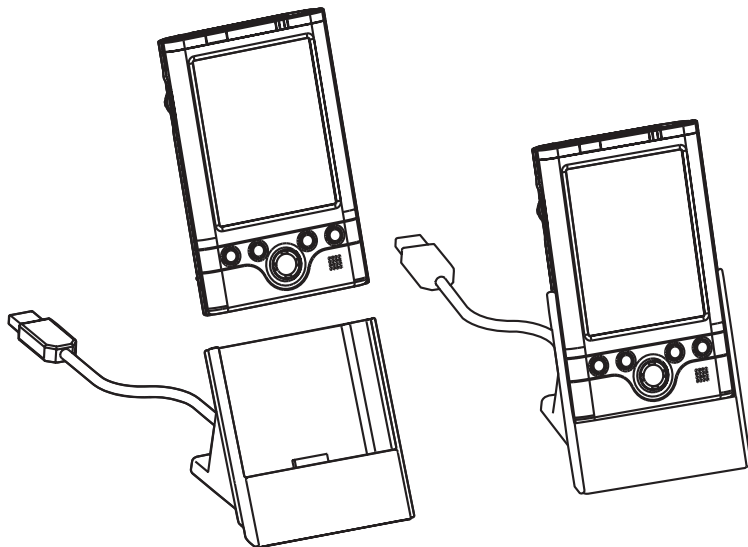
- ActiveSync has been installed on your computer. (See Chapter 3.)
- The position of connecting port on the computer may differ according to the computer type.

To Connect Using the Supplied Cradle:

- 1 Connect the USB cradle to your computer as shown in the illustration below.

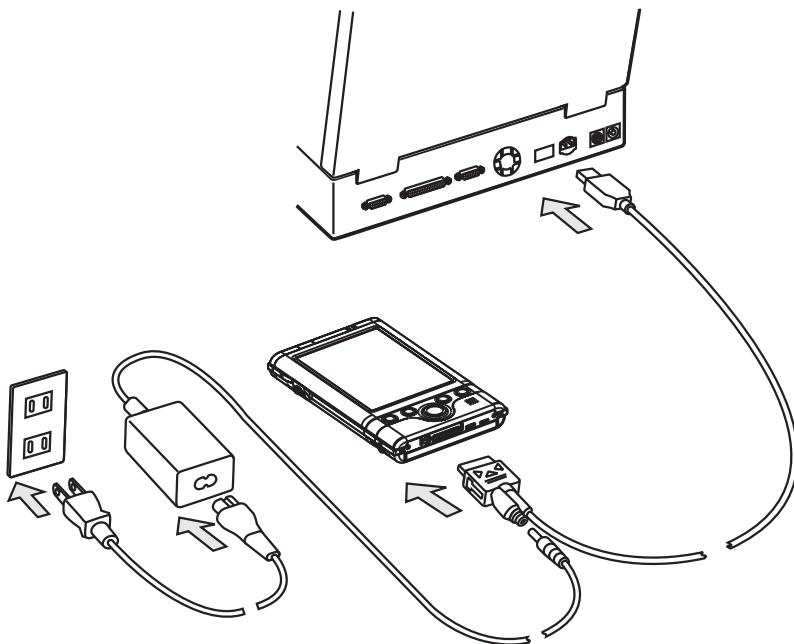


- 2 Insert the Pocket PC into the cradle.




To connect directly using a connection cable:

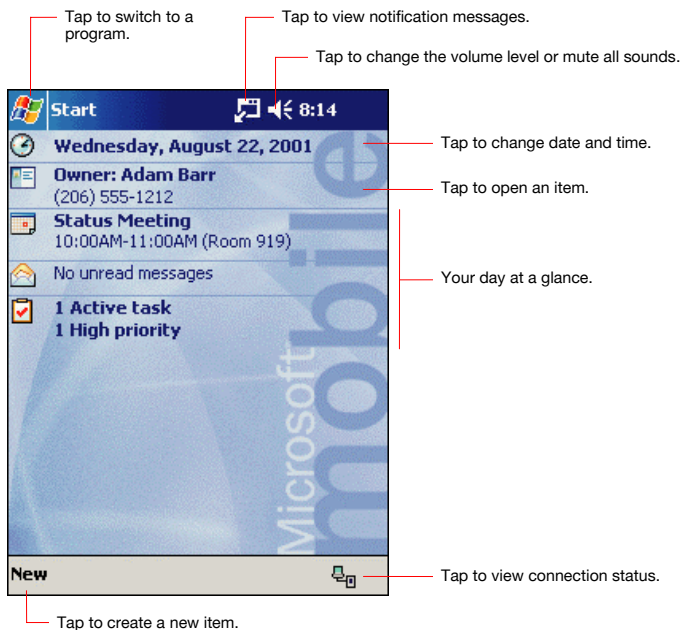
Connect the Pocket PC directly to your computer using an optional USB Client cable.
















When the Pocket PC is connected to another device via a USB Client cable do not plug the AC adapter directly into the Pocket PC as this may lead to interference. Instead, plug the AC adapter into the port on the USB Client cable connector.

Today Screen


When you turn on your device for the first time each day (or after 4 hours of inactivity), you'll see the Today screen. You can also display it by tapping  and then **Today**. On the Today screen, you can see at a glance important information for the day.





Following are some of the status icons you may see.

Status Icon	Meaning
	Traffic Monitoring Utility (Wireless LAN model only). Refer to chapter 8.
	Bluetooth Power Management Utility (Bluetooth model only). Refer to chapter 9.
	Turns all sounds on and off
	Backup battery is low
	Main batteries are charging
	Main batteries are low
	Main batteries are very low
	Main batteries are full
	Connection is active
	Synchronization is beginning or ending
	Synchronization is occurring
	Notification that one or more instant messages were received
	Notification that one or more e-mail messages were received



If more notification icons need to be displayed than there is room to display them, the Notification icon, , will display. Tap the icon to view all notification icons.

Programs











You can switch from one program to another by selecting it from the  menu. (You can customize which programs you see on this menu. For information, see “Adjusting Settings,” later in this chapter.) To access some programs, you’ll need to tap , **Programs**, and then the program name.

You can also switch to some programs by pressing a program button. Your device has one or more program buttons located on the front or side of the device. The icons on the buttons identify the programs they switch to.



Some programs have abbreviated labels for check boxes and drop-down menus. To see the full spelling of an abbreviated label, tap and hold the stylus on the label. Drag the stylus off the label so that the command is not carried out.

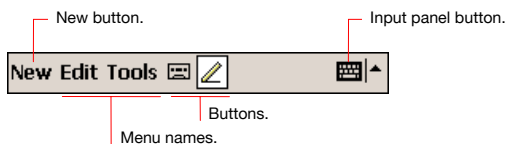
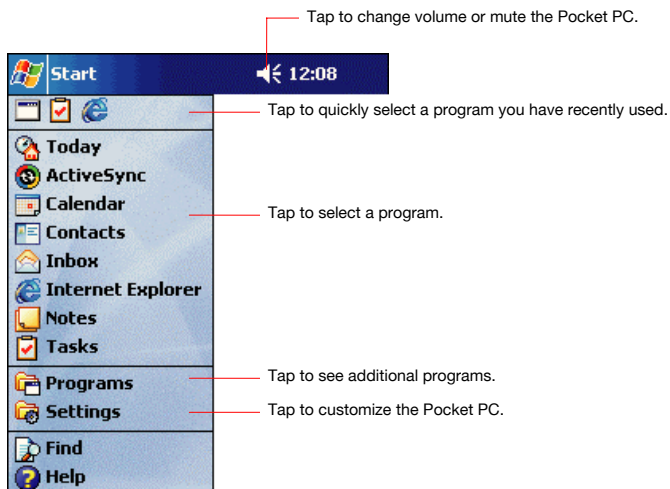
The following table contains a partial list of programs that are on your device. Look on the Toshiba Pocket PC Companion CD for additional programs that you can install onto your device.

Icon	Program	Description
	ActiveSync	Synchronize information between your Pocket PC and computer.
	Calendar	Keep track of your appointments and create meeting requests.
	Contacts	Keep track of your friends and colleagues.
	Inbox	Send and receive e-mail messages.
	Pocket Internet Explorer	Browse Web and WAP sites, and download new programs and files from the Internet.
	Notes	Create handwritten or typed notes, drawings, and recordings.
	Tasks	Keep track of your tasks.
	Pocket Excel	Create Excel spreadsheet or view and edit Excel spreadsheet created on your computer.
	MSN Messenger	Send and receive instant messages with your MSN Messenger contacts.
	Pocket Word	Create new documents or view and edit Word documents created on your computer.

Navigation Bar and Command Bar

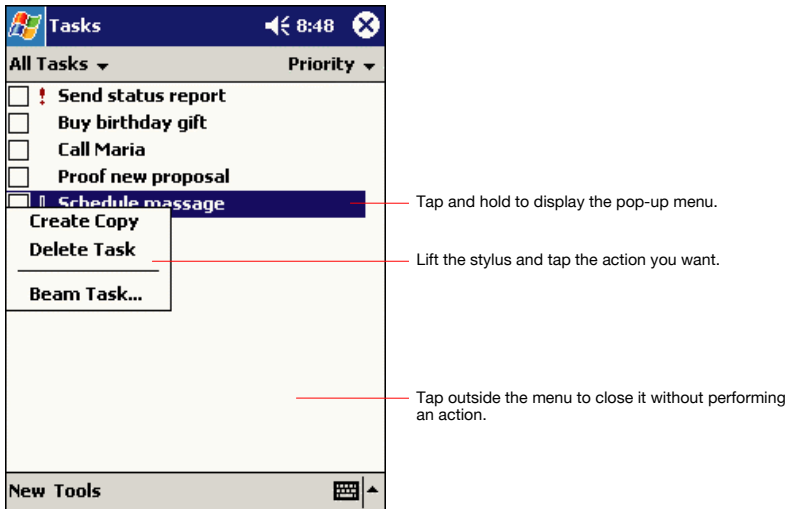
The navigation bar is located at the top of the screen. It displays the active program and current time, and allows you to switch to programs and close screens.

Use the command bar at the bottom of the screen to perform tasks in programs. The command bar includes menu names, buttons, and the Input Panel button. To create a new item in the current program, tap **New**. To see the name of a button, tap and hold the stylus on the button. Drag the stylus off the button so that the command is not carried out.



Pop-up Menus


With pop-up menus, you can quickly choose an action for an item. For example, you can use the pop-up menu in the contact list to quickly delete a contact, make a copy of a contact, or send an e-mail message to a contact. The actions in the pop-up menus vary from program to program. To access a pop-up menu, tap and hold the stylus on the item name that you want to perform the action on. When the menu appears, lift the stylus, and tap the action you want to perform. To close the menu without performing an action, tap anywhere outside the menu.



Notifications

Your device reminds you in a variety of ways when you have something to do. For example, if you've set up an appointment in Calendar, a task with a due date in Tasks, or an alarm in Clock, you'll be notified in any of the following ways:

- A message box appears on the screen
- A sound, which you can specify, is played
- A light flashes on your device

To choose reminder types and sounds for your device, tap  and then **Settings**. In the **Personal** tab, tap **Sounds & Notifications**. The options you choose here apply throughout the device.

Enter Information on Your Toshiba Pocket PC

You have several options for entering new information:

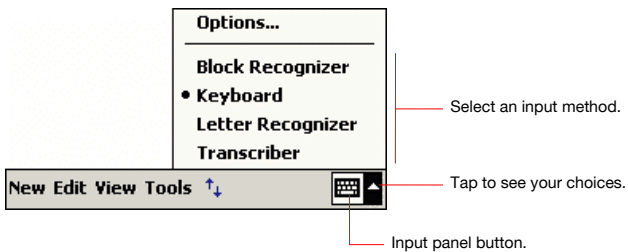
- Use the input panel to enter typed text, either by using the soft keyboard or other input method
- Write directly on the screen
- Draw pictures on the screen
- Speak into your device microphone to record a message
- Use Microsoft® ActiveSync® to synchronize or copy information from your desktop computer to your device. For more information on ActiveSync, see ActiveSync Help on your computer.

Entering Text Using the Input Panel

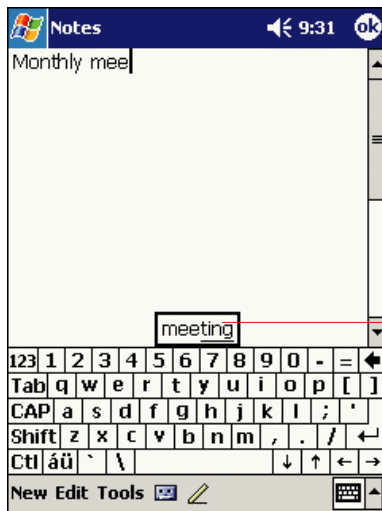
Use the input panel to enter information in any program on your device.

You can either type using the soft keyboard or write using Letter Recognizer, Block Recognizer, or Transcriber. In either case, the characters appear as typed text on the screen.

To show or hide the input panel, tap the Input Panel button. Tap the arrow next to the Input Panel button to see your choices.



When you use the input panel, your device anticipates the word you are typing or writing and displays it above the input panel. When you tap the displayed word, it is inserted into your text at the insertion point. The more you use your device, the more words it learns to anticipate.



Tap here if this is the right word.



To change word suggestion options, such as the number of words suggested at one time, tap **Settings**, **Personal** tab, **Input**, and then the **Word Completion** tab.

To type with the soft keyboard:

- 1 Tap the arrow next to the Input Panel button and then **Keyboard**.
- 2 On the soft keyboard that is displayed, tap the keys with your stylus.

To use Letter Recognizer:

With Letter Recognizer you can write letters using the stylus just as you would on paper.

- 1 Tap the arrow next to the Input Panel button and then **Letter Recognizer**.
- 2 Write a letter in the box.

When you write a letter, it is converted to typed text that appears on the screen. For specific instructions on using Letter Recognizer, with Letter Recognizer open, tap the question mark next to the writing area.

To use Block Recognizer:

With Block Recognizer you can input character strokes using the stylus that are similar to those used on other devices.

- 1 Tap the arrow next to the Input Panel button and then **Block Recognizer**.
- 2 Write a letter in the box.

When you write a letter, it is converted to typed text that appears on the screen. For specific instructions on using Block Recognizer, with Block Recognizer open, tap the question mark next to the writing area.

To use Transcriber:

With Transcriber you can write anywhere on the screen using the stylus just as you would on paper. Unlike Letter Recognizer and Block Recognizer, you can write a sentence or more of information. Then, pause and let Transcriber change the written characters to typed characters.

- 1 Tap the arrow next to the Input Panel button and then **Transcriber**.
- 2 Write anywhere on the screen.

For specific instructions on using Transcriber, with Transcriber open, tap the question mark in the lower right hand corner of the screen.

To select typed text:

If you want to edit or format typed text, you must select it first.

- Drag the stylus across the text you want to select.

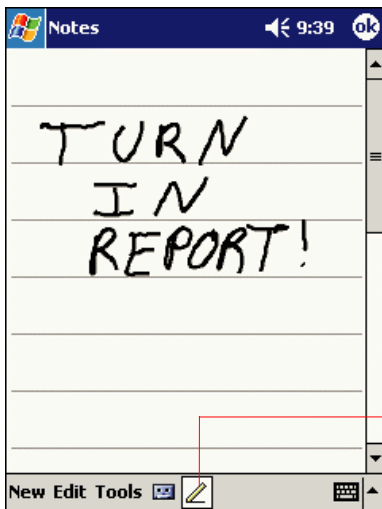
You can cut, copy, and paste text by tapping and holding the selected words and then tapping an editing command on the pop-up menu, or by tapping the command on the **Edit** menu.

Writing on the Screen

In any program that accepts writing, such as the **Notes** program, and in the Notes tab in Calendar, Contacts, and Tasks, you can use your stylus to write directly on the screen. Write the way you do on paper. You can edit and format what you've written and convert the information to text at a later time.

To write on the screen:

- Tap the Pen button to switch to writing mode. This action displays lines on the screen to help you write.



Tap the Pen button and use your stylus like a pen.



Some programs that accept writing may not have the Pen button. See the documentation for that program to find out how to switch to writing mode.

To select writing:

If you want to edit or format writing, you must select it first.

- 1 Tap and hold the stylus next to the text you want to select until the insertion point appears.
- 2 Without lifting, drag the stylus across the text you want to select.

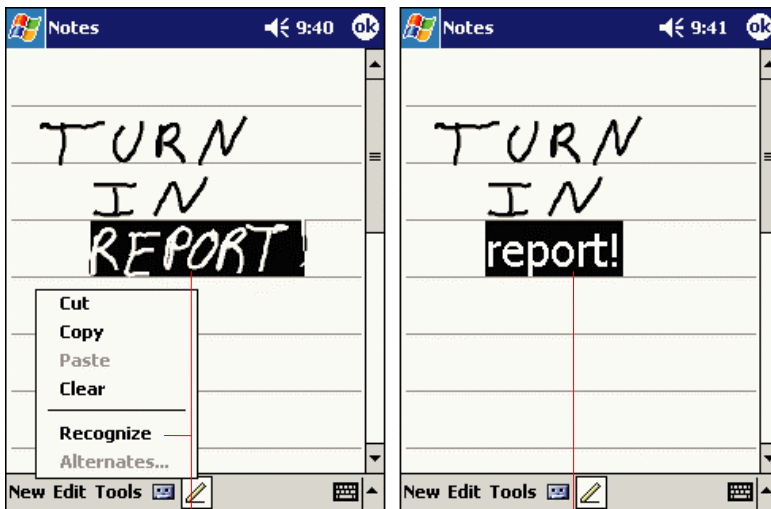
If you accidentally write on the screen, tap **Tools**, then **Undo** and try again. You can also select text by tapping the Pen button to deselect it and then dragging the stylus across the screen.

You can cut, copy, and paste written text in the same way you work with typed text: tap and hold the selected words and then tap an editing command on the pop-up menu, or tap the command on the **Edit** menu.

To convert writing to text:

- Tap **Tools** and then **Recognize**.

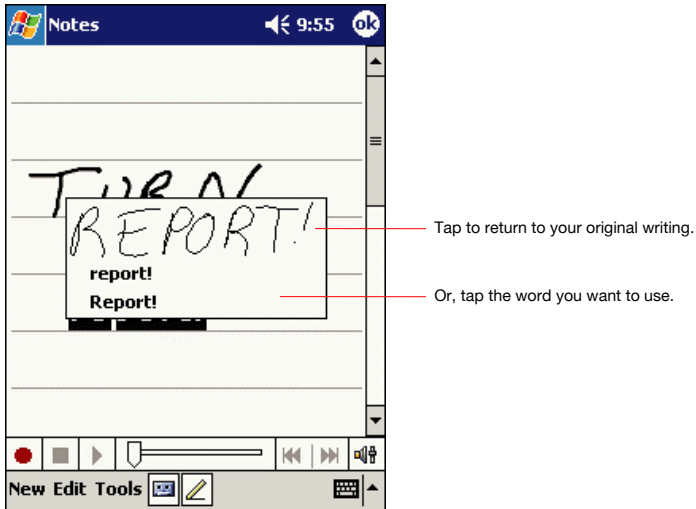
If you want to convert only certain words, select them before tapping **Recognize** on the **Tools** menu (or tap and hold the selected words and then tap **Recognize** on the pop-up menu). If a word is not recognized, it is left as writing.



Select the text you want to convert
and Tap **Recognize** on the pop-up menu.

The writing is turned into text.

If the conversion is incorrect, you can select different words from a list of alternates or return to the original writing. To do so, tap and hold the incorrect word (tap one word at a time). On the pop-up menu, tap **Alternates**. A menu with a list of alternate words appears. Tap the word you want to use, or tap the writing at the top of the menu to return to the original writing.



Tips for getting good recognition:

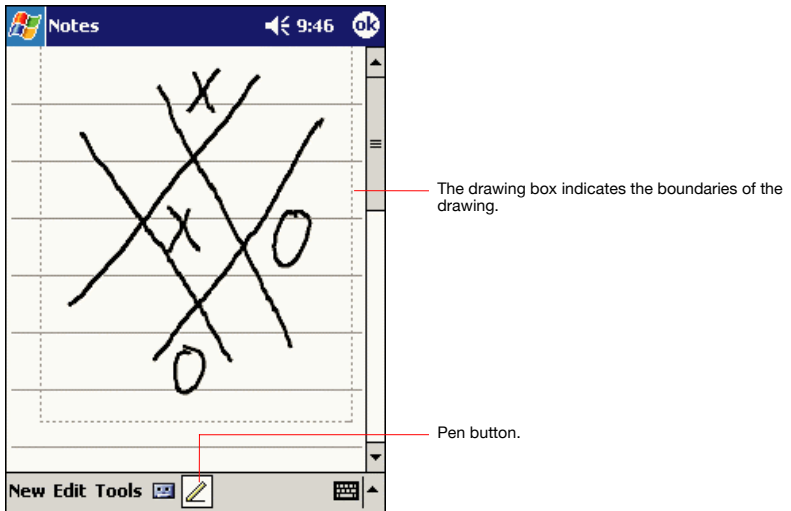
- Write neatly.
- Write on the lines and draw descenders below the line. Write the cross of the “t” and apostrophes below the top line so that they are not confused with the word above. Write periods and commas above the line.
- For better recognition, try increasing the zoom level to 300% using the **Tools** menu.
- Write the letters of a word closely and leave big gaps between words so that the device can easily tell where words begin and end.
- Hyphenated words, foreign words that use special characters such as accents, and some punctuation cannot be converted.
- If you add writing to a word to change it (such as changing a “3” to an “8”) after you attempt to recognize the word, the writing you add will not be included if you attempt to recognize the writing again.

Drawing on the Screen

You can draw on the screen in the same way that you write on the screen. The difference between writing and drawing on the screen is how you select items and how they can be edited. For example, selected drawings can be resized, while writing cannot.

To create a drawing

- Cross three ruled lines on your first stroke. A drawing box appears. Subsequent strokes in or touching the drawing box become part of the drawing. Drawings that do not cross three ruled lines will be treated as writing.



You may want to change the zoom level so that you can more easily work on or view your drawing. Tap **Tools** and then a zoom level.

To select a drawing

If you want to edit or format a drawing, you must select it first.

- Tap and hold the stylus on the drawing until the selection handle appears. To select multiple drawings, deselect the Pen button and then drag to select the drawings you want.

You can cut, copy, and paste selected drawings by tapping and holding the selected drawing and then tapping an editing command on the popup menu, or by tapping the command on the **Edit** menu. To resize a drawing, make sure the Pen button is not selected, and drag a selection handle.

Recording a Message

In any program where you can write or draw on the screen, you can also quickly capture thoughts, reminders, and phone numbers by recording a message. In Calendar, Tasks, and Contacts, you can include a recording in the **Notes** tab. In the Notes program, you can either create a standalone recording or include a recording in a written note. If you want to include the recording in a note, open the note first. In the Inbox program, you can add a recording to an e-mail message.

To create a recording:

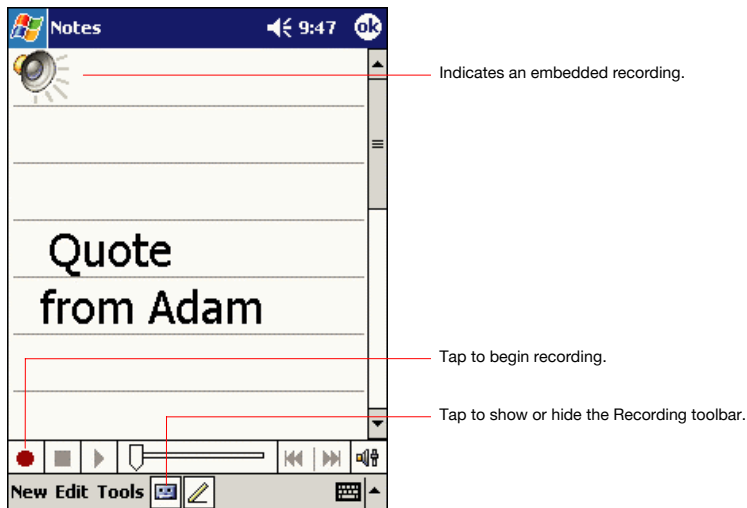
- 1 Hold your device's microphone near your mouth or other source of sound.
- 2 Press and hold the Recording button on your Pocket PC until you hear a beep.
- 3 While holding down the Recording button, make your recording.
- 4 To stop recording, release the Recording button. Two beeps will sound.

The new recording appears in the note list or as an embedded icon.



You can also make a recording by tapping the **Recording** button on the Recording toolbar.

To play a recording, tap it in the list or tap its icon in the note.



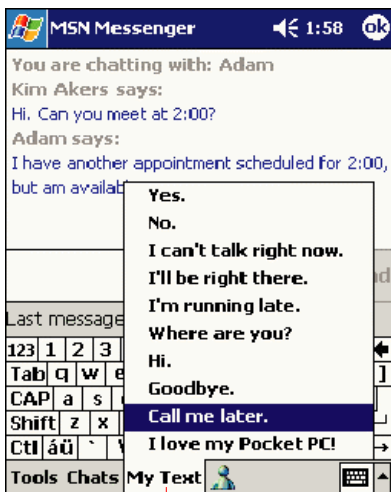
Using My Text

When using Inbox or MSN Messenger, use My Text to quickly insert preset or frequently used messages into the text entry area. To insert a message, tap **My Text** and tap a message.



You can add text after inserting a My Text message before sending it.


To edit a My Text message, in the Tools menu, tap **Edit** and then tap **My Text Messages**. Select the message you wish to edit and make desired changes.



Tap to select a prewritten message.


Find and Organize Information

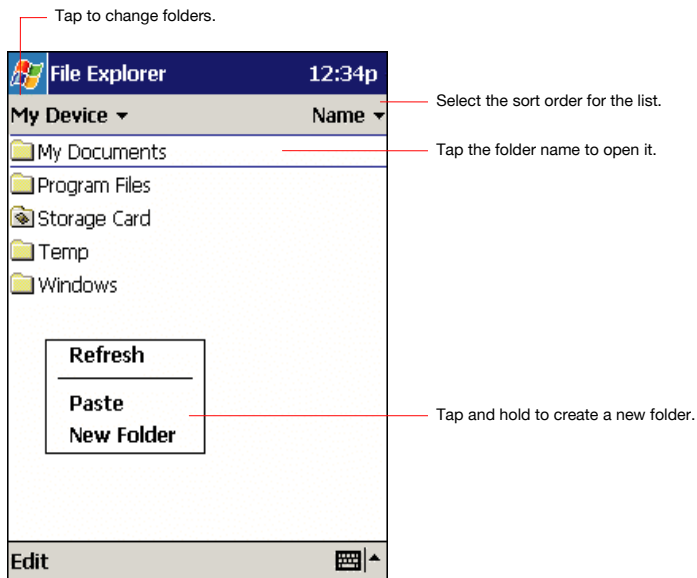
The Find feature on your device helps you quickly locate information.

- On the  menu, tap **Find**. Enter the text you want to find, select a data type, and then tap Go to start the search.



*To quickly find information that is taking up storage space on your Pocket PC, select **Larger than 64 KB in Type**.*

You can also use the File Explorer to find files on your device and to organize these files into folders. On the  menu, tap **Programs**, and then **File Explorer**.




*You can move files in File Explorer by tapping and holding the item you want to move, and then tapping **Cut** or **Copy** and **Paste** on the pop-up menu.*


Customize Your Toshiba Pocket PC

You can customize your device by adjusting device settings and installing additional software.

Adjusting Settings

You can adjust device settings to suit the way you work. To see available options, tap  **Settings**, then the **Personal** or **System** tab located at the bottom of the screen.

You might want to adjust the following:

- **Clock**, to change the time or to set alarms
- **Menus**, to customize what appears on the  menu, and to enable a pop-up menu from the **New** button
- **Owner Information**, to enter your contact information
- **Password**, to limit access to your device
- **Power**, to maximize battery life
- **Today**, to customize the look and the information that is displayed on the Today screen


Adding or Removing Programs

Programs added to your device at the factory are stored in ROM (read-only memory). You cannot remove this software, and you'll never accidentally lose ROM contents. ROM programs can be updated using special installation programs with a *.xip extension. All other programs and data files added to your device after factory installation are stored in RAM (random access memory).

You can install any program created for your device, as long as your device has enough memory. The most popular place to find software for your device is on the Pocket PC Web site (<http://www.microsoft.com/mobile/pocketpc>).

To add programs using ActiveSync

You'll need to install the appropriate software for your device on your desktop computer before installing it on your device.


- 1 Determine your device and processor type so that you know which version of the software to install. Tap  and then **Settings**. On the **System** tab, tap **About**. In the **Version** tab, make a note of the information in **Processor**.
- 2 Download the program to your computer (or insert the CD or disk that contains the program into your computer). You may see a single *.xip, *.exe., or *.zip file, a Setup.exe file, or several versions of files for different device types and processors. Be sure to select the program designed for the Toshiba Pocket PC and your device processor type.
- 3 Read any installation instructions, Read Me files, or documentation that comes with the program.



Many programs provide special installation instructions.

- 4 Connect your Pocket PC and computer.
- 5 Double-click the *.exe file.
 - If the file is an installer, the installation wizard will begin. Follow the directions on the screen. Once the software has been installed on your computer, the installer will automatically transfer the software to your device.
 - If the file is not an installer, you will see an error message stating that the program is valid but it is designed for a different type of computer. You will need to move this file to your device. If you cannot find any installation instructions for the program in the Read Me file or documentation, use ActiveSync Explore to copy the program file to the Program Files folder on your Pocket PC. For more information on copying files using ActiveSync, see ActiveSync Help.


Once installation is complete, tap , **Programs**, and then the program icon to switch to it.

To add a program to the Start menu

Tap , **Settings, Menus**, the **Start Menu** tab, and then mark the check box for the program. If you do not see the program listed, you can either use File Explorer on the device to move the program to the Start Menu folder, or use ActiveSync on the computer to create a shortcut to the program and place the shortcut in the Start Menu folder.

- **Using File Explorer on the device:** Tap , **Programs, File Explorer**, and locate the program (tap the folder list, labeled **My Documents** by default, and then My Device to see a list of all folders on the device). Tap and hold the program and tap **Cut** on the pop-up menu. Open the Start Menu folder located in the Windows folder, tap and hold a blank area of the window, and tap **Paste** on the pop-up menu. The program will now appear on the menu. For more information on using File Explorer, see “Find and Organize Information,” earlier in this chapter.
- **Using ActiveSync on the computer:** Use the Explorer in ActiveSync to explore your device files and locate the program. Rightclick the program, and then click **Create Shortcut**. Move the shortcut to the Start Menu folder in the Windows folder. The shortcut now appears on the  menu. For more information, see ActiveSync Help.


To remove programs

- Tap  and then **Settings**. On the **System tab**, tap **Remove Programs**

If the program does not appear in the list of installed programs, use File Explorer on your device to locate the program, tap and hold the program, and then tap **Delete** on the pop-up menu.

Setting a Password

You can protect data or settings from a third person by setting a password which is requested when turning power on.

- 1 Tap  and then **Settings**. On the **Personal** tab, tap **Password**.
- 2 Select the type of password you would like to use.
- 3 Enter a password and tap **OK**.
- 4 Tap YES on the confirmation screen. The password is saved and the screen returns to the Personal tab screen




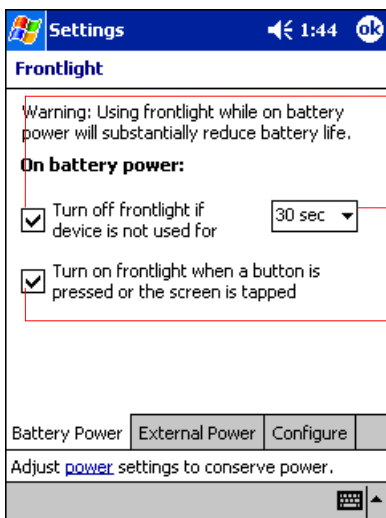
If you tap YES on the confirmation screen to return to the Personal tab screen, it becomes necessary to enter the password even for displaying the Password setting screen.

In case you forget the password, it is necessary to initialize the Pocket PC. Please note that when initialization is executed, data or settings stored in the Pocket PC are all deleted.

To Set Front Light

You can set the screen brightness for better sight according to a place of use. You can also set the time that elapses until the front light turns off automatically after the last operation.

- 1 Tap  and then **Settings**. On the **System** tab, tap **Front light**.
- 2 Set the Front light on battery power...

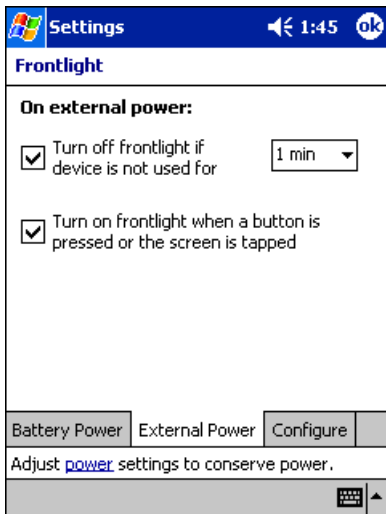


Check to make the front light turn off automatically when the Pocket PC hasn't been used for a user-set amount of time.

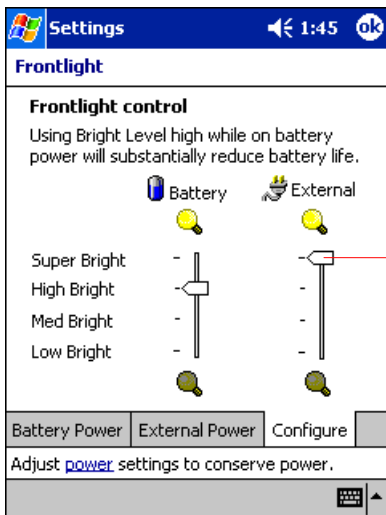
Set the time that elapses until the front light turns off automatically.

Check to make the front light turn off automatically when the AC adaptor (external power) is in use.

...or set the front light on External power



3 Set the Brightness level.




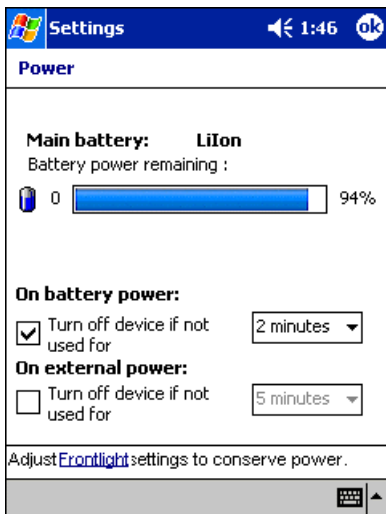
Tap and set the front light brightness level by move the cursor up or down. If Power Save is activated, the front light turns off.

4 When finished, tap **OK** to return to the System tab screen.

Setting Power

You can set to confirm the battery remaining power and the time that elapses until the power turns off after the last operation.

- 1 Tap  and then **Settings**. On the **System** tab, tap **Power**.
- 2 Perform your Power settings according to your needs.




- 3 When finished, tap **OK** to return to the System tab screen.

Setting Memory

You can adjust the data storing memory and the program running memory. You can also confirm the free space of a storage card and so on. Memory for the Pocket PC is managed automatically.


To change Memory allocation:

- 1 Tap  and then **Settings**. On the **System** tab, tap **Memory** to display the Memory setting screen.
- 2 Drag the knob widthwise to adjust the memory allocation between Storage and Program.
- 3 When finished, tap **OK** to return to the System tab screen.

To confirm usage status of a storage card:

- 1 Tap **Storage Card** tab on the Memory setting screen.
- 2 When finished, tap **OK** to return to the **System** tab screen.

Setting Microphone

Tap  and then **Settings**. On the **System** tab, tap **Microphone**.

- This program is setting AGC Enable or Disable.
- Enable AGC: Turn on automatic gain control for Microphone.
- Disable AGC: Adopt a fix gain's for Microphone.

Microsoft ActiveSync

Using Microsoft® ActiveSync®, you can synchronize the information on your computer with the information on your device. Synchronization compares the data on your device with your PC and updates both computers with the most recent information. For example:

- Keep Pocket Outlook data up-to-date by synchronizing your device with Microsoft Outlook data on your PC.
- Synchronize Microsoft Word and Microsoft Excel files between your device and computer.

Your files are automatically converted to the correct format.



By default, ActiveSync does not automatically synchronize all types of information. Use ActiveSync options to turn synchronization on and off for specific information types.


With ActiveSync, you can also:

- Back up and restore your device data.
- Copy (rather than synchronize) files between your device and computer.
- Control when synchronization occurs by selecting a synchronization mode. For example, you can synchronize continually while connected to your computer or only when you choose the synchronize command.
- Select which information types are synchronized and control how much data is synchronized. For example, you can choose how many weeks of past appointments you want synchronized.


Before you begin synchronization, install ActiveSync on your PC from the Toshiba Pocket PC Companion CD. For more information on installing ActiveSync, see your Quick Start card. ActiveSync is already installed on your device.

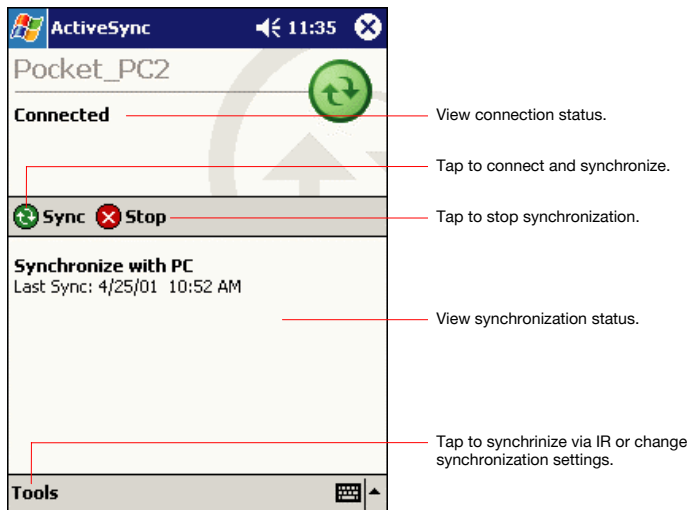
After installation is complete, the ActiveSync Setup Wizard helps you connect your Pocket PC to your PC, set up a partnership so you can synchronize information between your Pocket PC and your PC, and customize your synchronization settings. Your first synchronization process will automatically begin when you finish using the wizard.

After your first synchronization, take a look at Calendar, Contacts, and Tasks on your device. You'll notice that information you've stored in Microsoft Outlook on your PC has been copied to your device, and you didn't have to type a word. Disconnect your device from your PC and you're ready to go!

Once you have set up ActiveSync and completed the first synchronization process, you can initiate synchronization from your device. To switch to ActiveSync on your device, tap , and then tap **ActiveSync**.

For information about using ActiveSync on your PC, start ActiveSync on your PC and then see ActiveSync Help.

For more information about ActiveSync on your device, switch to ActiveSync, tap , and then tap **Help**.




Chapter 4

Microsoft Pocket Outlook

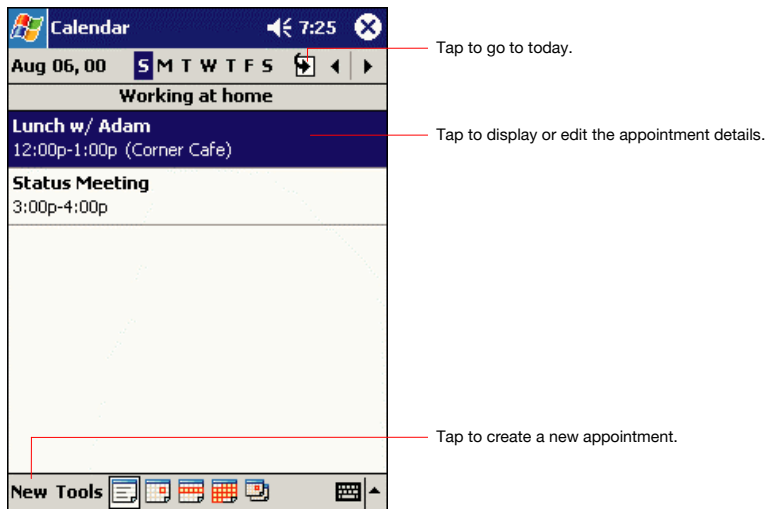
Microsoft® Pocket Outlook includes Calendar, Contacts, Tasks, Inbox, and Notes. You can use these programs individually or together. For example, e-mail addresses stored in Contacts can be used to address e-mail messages in Inbox.

Using ActiveSync® you can synchronize information in Microsoft Outlook or Microsoft Exchange on your computer with your device. You can also synchronize this information directly with a Microsoft Exchange server. Each time you synchronize, ActiveSync compares the changes you made on your device and computer or server and updates both computers with the latest information. For information on using ActiveSync, see ActiveSync Help on the computer.

You can switch to any of these programs by tapping them on the  menu.

Calendar: Scheduling Appointments and Meetings

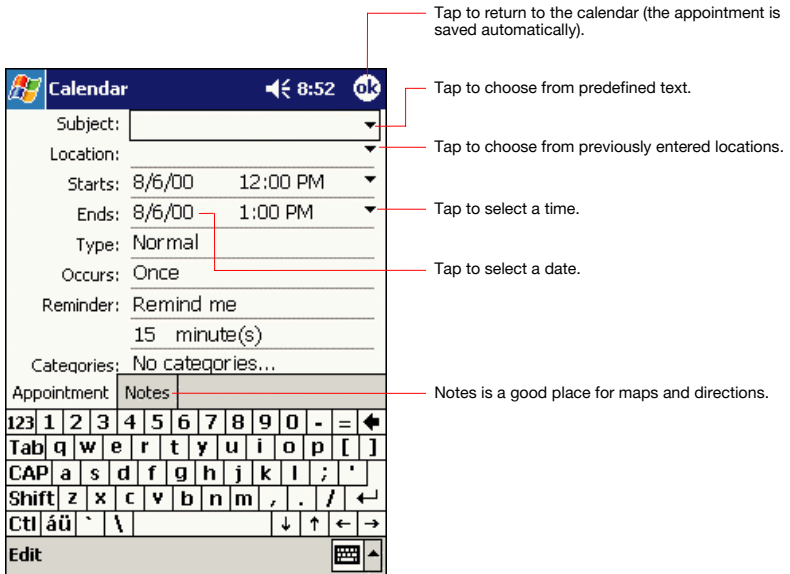
Use Calendar to schedule appointments, including meetings and other events. You can check your appointments in one of several views (Agenda, Day, Week, Month, and Year) and easily switch views by using the **View** menu.



You can customize the Calendar display, such as changing the first day of the week, by tapping **Options** on the **Tools** menu.

To create an appointment

- 1 If you are in Day or Week view, tap the desired date and time for the appointment.
- 2 Tap **New**.



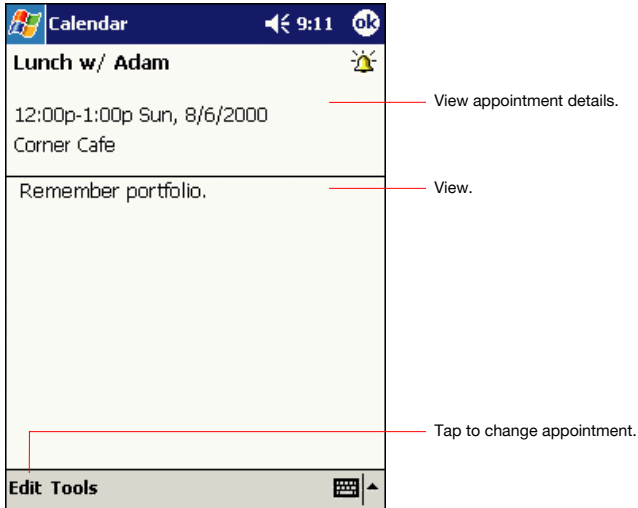
- 3 Using the input panel, enter a description and a location. Tap first to select the field.
- 4 If needed, tap the date and time to change them.
- 5 Enter other desired information. You will need to hide the input panel to see all available fields.
- 6 To add notes, tap the Notes tab. You can enter text, draw, or create a recording. For more information on creating notes, see “Notes: Capturing Thoughts and Ideas,” later in this chapter.
- 7 When finished, tap **OK** to return to the calendar.



If you select **Remind me** in an appointment, your device will remind you according to the options set in **Settings, Personal tab, Sounds & Notifications**.

Using the Summary Screen

When you tap an appointment in Calendar, a summary screen is displayed. To change the appointment, tap **Edit**.



Creating Meeting Requests

You can use Calendar to set up meetings with users of Outlook or Pocket Outlook. The meeting request will be created automatically and sent either when you synchronize Inbox or when you connect to your e-mail server. Indicate how you want meeting requests sent by tapping **Tools** and then **Options**. If you send and receive e-mail messages through ActiveSync, select **ActiveSync**.

To schedule a meeting:

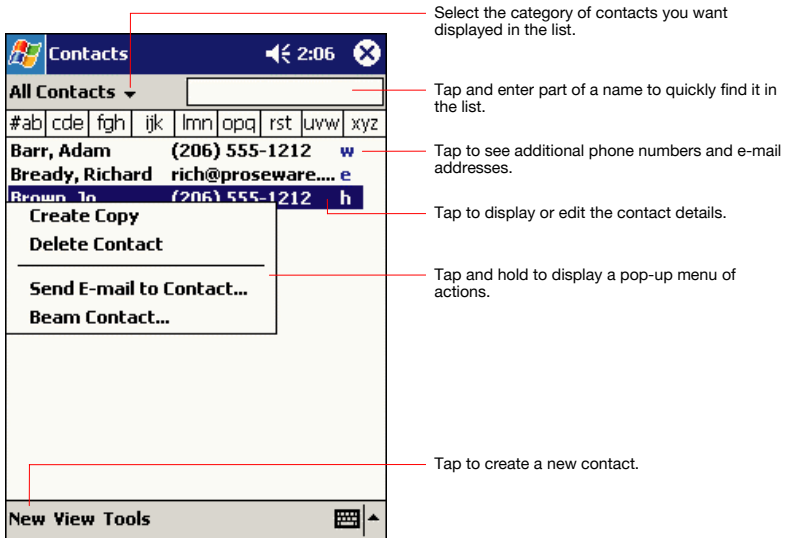
- 1 Create an appointment by tapping **New**.
- 2 In the appointment details, hide the input panel, and then tap **Attendees**.
- 3 From the list of e-mail addresses you've entered in Contacts, select the meeting attendees.

The meeting notice is created automatically and placed in the Outbox folder.

For more information on sending and receiving meeting requests, see Calendar Help and Inbox Help on the device.

Contacts: Tracking Friends and Colleagues

Contacts maintains a list of your friends and colleagues so that you can easily find the information you're looking for, whether you're at home or on the road. Using the device infrared (IR) port, you can quickly share Contacts information with other device users.



To change the way information is displayed in the list, tap **Tools** and then **Options**.

To create a contact:

1 Tap **New**.

Tap to return to the contact list (the contact is saved automatically).


Scroll to see more fields.

Notes is a good place for maps and directions.

- 2 Using the input panel, enter a name and other contact information. You will need to scroll down to see all available fields.
- 3 To assign the contact to a category, scroll to and tap **Categories** and select a category from the list. In the contact list, you can display contacts by category.
- 4 To add notes, tap the **Notes** tab. You can enter text, draw, or create a recording. For more information on creating notes, see “Notes: Capturing Thoughts and Ideas,” later in this chapter.
- 5 When finished, tap **OK** to return to the contact list.

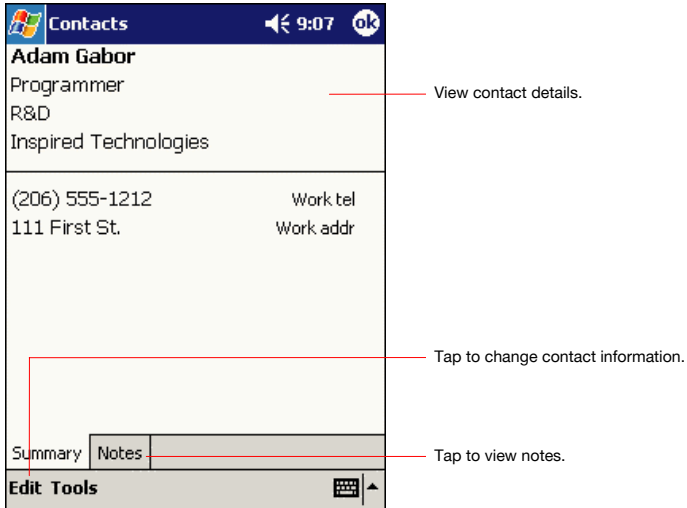
Finding a contact

There are four ways to find a contact:

- In the contact list, enter a contact name in the box under the navigation bar. To show all contacts again, clear text from the box or tap the button to the right of the box.
- In the contact list, tap the category list (labeled **All Contacts** by default) and select the type of contact that you want displayed. To show all contacts again, select **All Contacts**. To view a contact not assigned to a category, select **No Categories**.
- To view the names of companies your contacts work for, in the contact list, tap **View > By Company**. The number of contacts that work for that company will be displayed to the right of the company name.
- Tap , **Find**, enter the contact name, select **Contacts** for the type, and then tap **Go**.

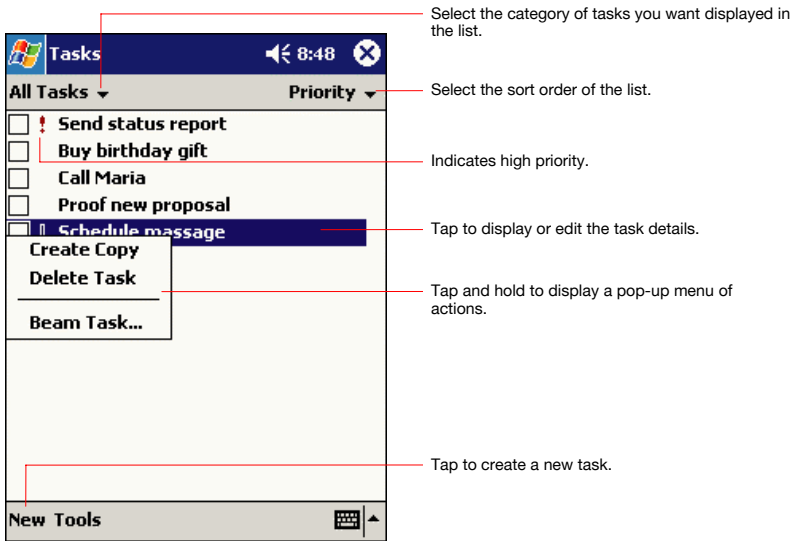
Using the Summary Screen

When you tap a contact in the contact list, a summary screen is displayed. To change the contact information, tap **Edit**.



Tasks: Keeping a To Do List

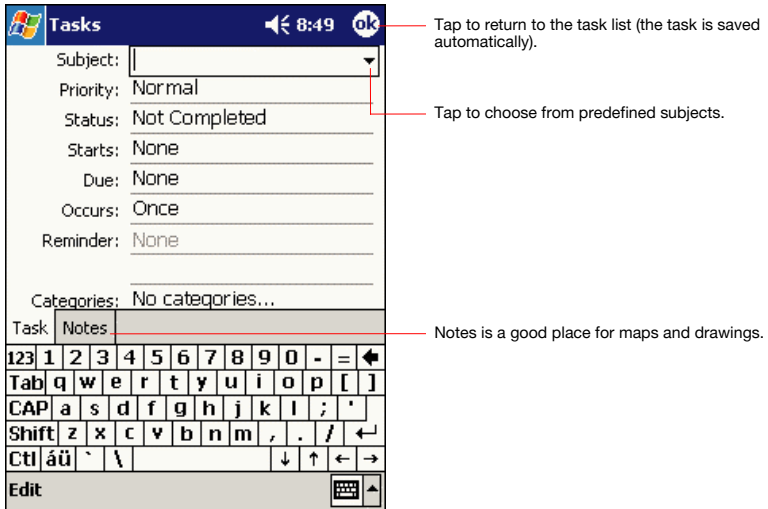
Use Tasks to keep track of what you have to do.



*To change the way information is displayed in the list, tap **Tools** and then **Options**.*

To create a task:

1 Tap **New**.



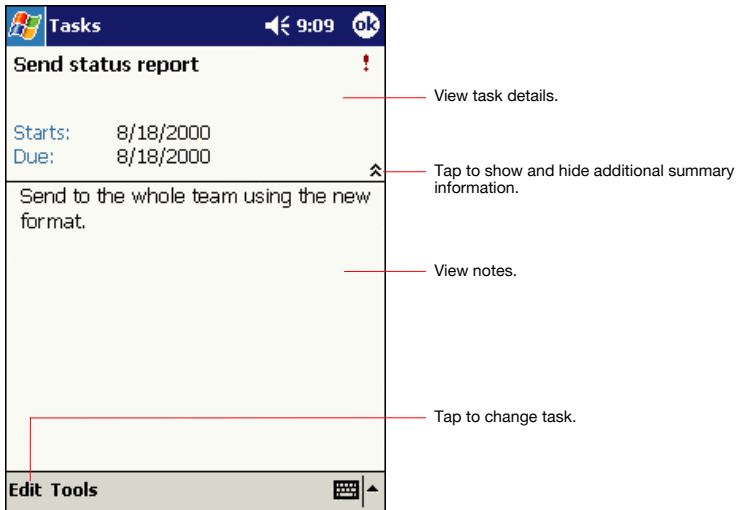
- 2 Using the input panel, enter a description.
- 3 You can enter a start date and due date or enter other information by first tapping the field. If the input panel is open, you will need to hide it to see all available fields.
- 4 To assign the task to a category, tap **Categories** and select a category from the list. In the task list, you can display tasks by category.
- 5 To add notes, tap the **Notes** tab. You can enter text, draw, or create a recording. For more information on creating notes, see “Notes: Capturing Thoughts and Ideas,” later in this chapter.
- 6 When finished, tap **OK** to return to the task list.



*To quickly create a task with only a subject, tap **Entry Bar** on the **Tools** menu. Then, tap **Tap here to add a new task** and enter your task information.*

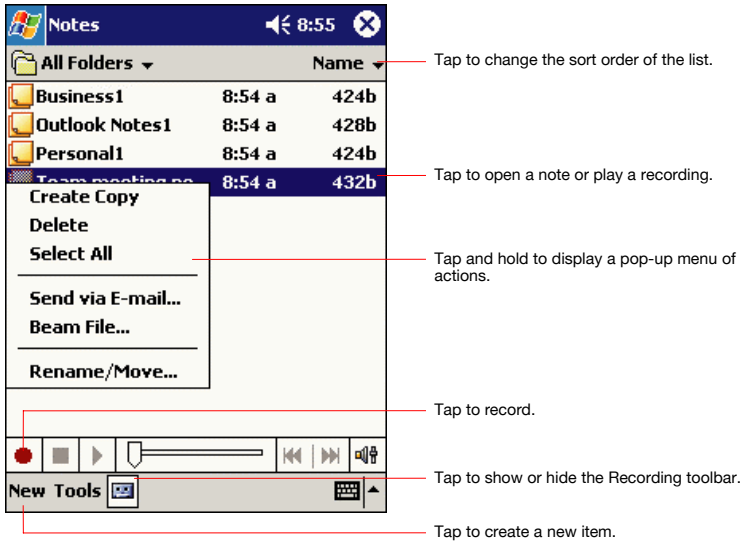
Using the Summary Screen

When you tap a task in the task list, a summary screen is displayed. To change the task, tap **Edit**.



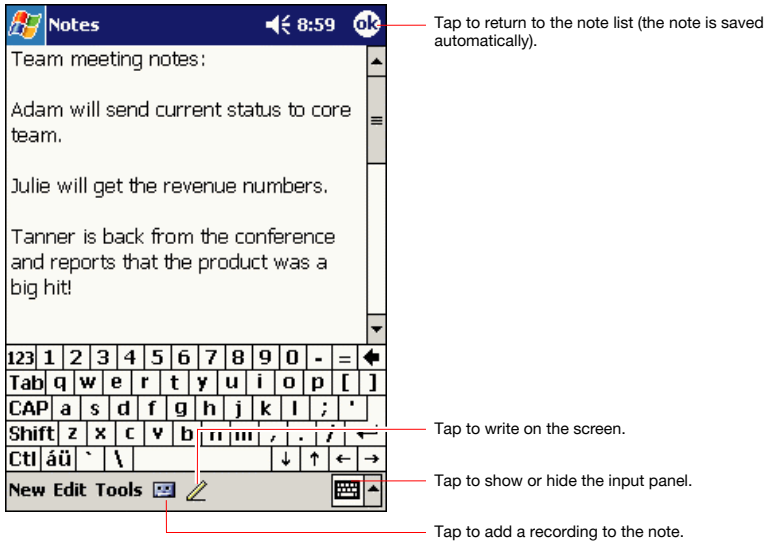
Notes: Capturing Thoughts and Ideas

Quickly capture thoughts, reminders, ideas, drawings, and phone numbers with Notes. You can create a written note or a recording. You can also include a recording in a note. If a note is open when you create the recording, it will be included in the note as an icon. If the note list is displayed, it will be created as a stand-alone recording.



To create a note:

- 1 Tap **New**.
- 2 Create your note by writing, drawing, typing, and recording. For more information about using the input panel, writing and drawing on the screen, and creating recordings, see Chapter 2.



Inbox: Sending and Receiving E-mail Messages

Use Inbox to send and receive e-mail messages in either of these ways:

- Synchronize e-mail messages with Microsoft Exchange or Microsoft Outlook on your computer.
- Send and receive e-mail messages by connecting directly to an e-mail server through an Internet Service Provider (ISP) or a network.

Synchronizing E-mail Messages

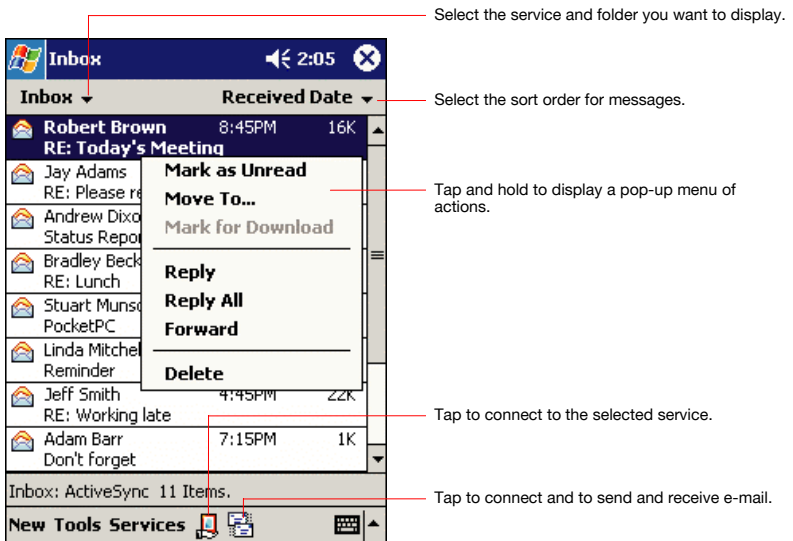
E-mail messages can be synchronized as part of the general synchronization process. You will need to enable Inbox synchronization in ActiveSync. For information on enabling Inbox synchronization, see ActiveSync Help on the PC.

During synchronization:

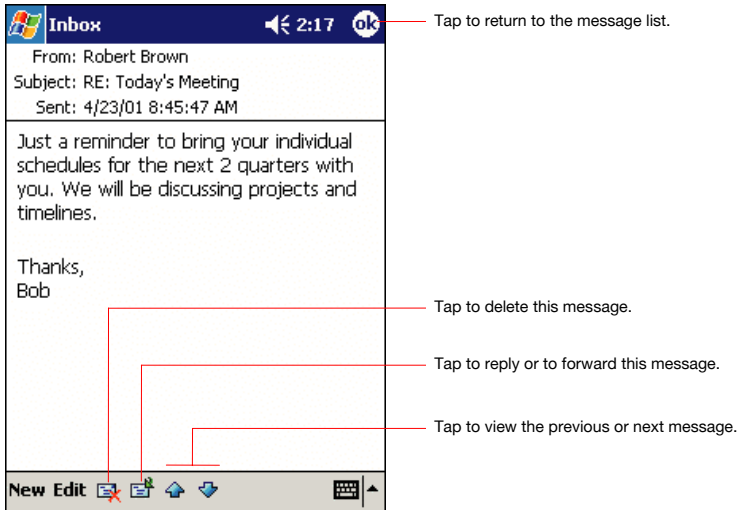
- Messages are copied from the mail folders of Exchange or Outlook on your computer to the ActiveSync folder in Inbox on your device. By default, you will receive messages from the past three days only, the first 100 lines of each message, and file attachments of less than 100 KB in size.
- E-mail messages in the Outbox folder on your device are transferred to Exchange or Outlook, and then sent from those programs.
- E-mail messages in subfolders must be selected in ActiveSync on your computer in order to be transferred.

Using the Message List

Messages you receive are displayed in the message list. By default, the most recently received messages are displayed first in the list.



When you receive a message, tap it to open it. Unread messages are displayed in bold.



When you connect to your e-mail server or synchronize with your computer, by default, you'll receive messages from the last five days only, the first 100 lines of each new message, and file attachments of less than 100 KB in size. The original messages remain on the e-mail server or your computer.

You can mark the messages that you want to retrieve in full during your next synchronization or e-mail server connection. In the message list, tap and hold the message you want to retrieve. On the pop-up menu, tap **Mark for Download**. The icons in the Inbox message list give you visual indications of message status.

You specify your downloading preferences when you set up the service or select your synchronization options. You can change them at any time:

- Change options for Inbox synchronization using ActiveSync options.

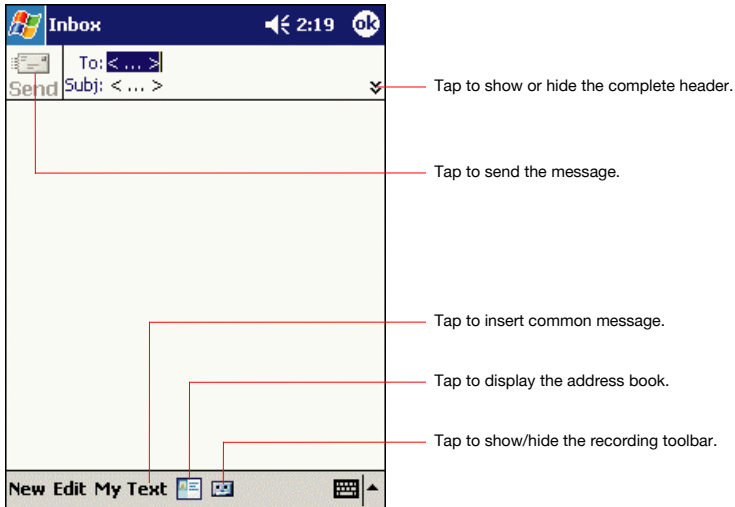
For more information, see ActiveSync Help.

- Change options for direct e-mail server connections in Inbox on your device. Tap **Tools** and then tap **Options**. On the **Service** tab, tap the service you want to change. Tap and hold the service and select **Delete** to remove a service.

Composing Messages

To compose a message:

- 1 Tap **New**.
- 2 In the **To** field, enter an e-mail or SMS address of one or more recipients, separating them with a semicolon, or select a name from the contact list by tapping the **Address Book** button. All e-mail addresses entered in the e-mail fields in Contacts appear in the Address Book.



- 3 Compose your message. To enter preset or frequently used messages, tap **My Text** and select a message.
- 4 Tap **Send** when you've finished the message. If you are working offline, the message is moved to the Outbox folder and will be sent the next time you connect.

If you are sending an SMS message and want to know if it was received, tap **Edit**, **Options**, and select **Request SMS text message delivery notification** before sending the message.

Managing E-mail Messages and Folders

By default, messages are displayed in one of five folders for each service you have created: Inbox, Deleted Items, Drafts, Outbox, and Sent Items. The Deleted Items folder contains messages that have been deleted on the device. The behavior of the Deleted and Sent Items folders depends on the options you have chosen. In the message list, tap **Tools** and then **Options**. On the **Message** tab, select your options.

If you want to organize messages into additional folders, tap **Tools**, and then **Manage Folders** to create new folders. To move a message to another folder, in the message list, tap and hold the message and then tap **Move to** on the pop-up menu.


Folder behavior with a direct connection to an e-mail server

The behavior of the folders you create depends on whether you are using ActiveSync, SMS, POP3, or IMAP4.

- If you use ActiveSync, e-mail messages in the Inbox folder in Outlook will automatically be synchronized with your device. You can select to synchronize additional folders by designating them for ActiveSync. The folders you create and the messages you move will then be mirrored on the server. For example, if you move two messages from the Inbox folder to a folder named Family, and you have designated Family for synchronization, the server creates a copy of the Family folder and copies the messages into that folder. You can then read the messages while away from your computer.
- If you use SMS, messages are stored in the Inbox folder.
- If you use POP3 and you move e-mail messages to a folder you created, the link is broken between the messages on the device and their copies on the mail server. The next time you connect, the mail server will see that the messages are missing from the device Inbox and delete them from the server. This prevents you from having duplicate copies of a message, but it also means that you will no longer have access to messages that you move to folders created from anywhere except the device.
- If you use IMAP4, the folders you create and the e-mail messages you move are mirrored on the server. Therefore, messages are available to you anytime you connect to your mail server, whether it is from your device or computer. This synchronization of folders occurs whenever you connect to your mail server, create new folders, or rename/ delete folders when connected.


Companion Programs

The companion programs consist of Microsoft® Pocket Word, Microsoft® Pocket Excel, Microsoft® Money, Windows Media™ Player for Toshiba Pocket PC, and Microsoft® Reader.

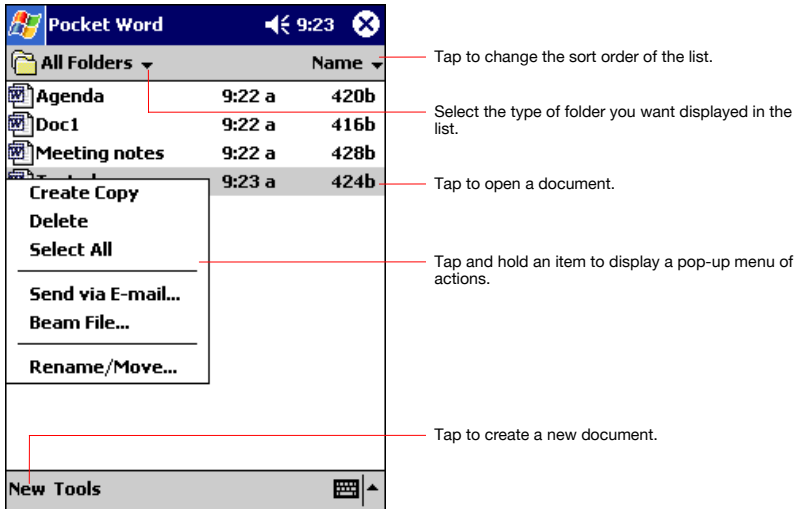
To switch to a companion program on your device, tap **Programs** on the  menu, and then tap the program name.

Pocket Word

Pocket Word works with Microsoft Word on your computer to give you easy access to copies of your documents. You can create new documents on your device, or you can copy documents from your computer to your device. Synchronize documents between your computer and your device so that you have the most up-to-date content in both locations.

Use Pocket Word to create documents, such as letters, meeting minutes, and trip reports. To create a new file, tap , **Programs**, **Pocket Word**, and then **New**. A blank document appears. Or, if you've selected a template for new documents in the **Options** dialog box, that template appears with appropriate text and formatting already provided. You can open only one document at a time; when you open a second document, you'll be asked to save the first. You can save a document you create or edit in a variety of formats, including Word (.doc), Pocket Word (.psw), Rich Text Format (.rtf), and Plain Text (.txt).

Pocket Word contains a list of the files stored on your device. Tap a file in the list to open it. To delete, make copies of, and send files, tap and hold a file in the list. Then, select the appropriate action on the popup menu.



You can enter information in Pocket Word in one of four modes (typing, writing, drawing, and recording), which are displayed on the **View** menu. Each mode has its own toolbar, which you can show and hide by tapping the **Show/Hide Toolbar** button on the command bar.



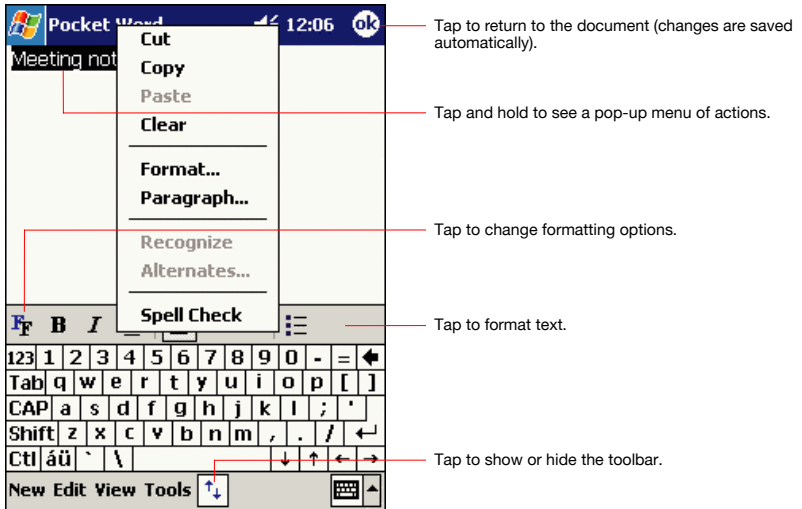
*You can change the zoom magnification by tapping **View** and then **Zoom**. Then select the percentage you want. Select a higher percentage to enter text and a lower one to see more of your document.*

*If you're opening a Word document created on a computer, select **Wrap to Window** on the **View** menu so that you can see the entire document.*

Typing Mode

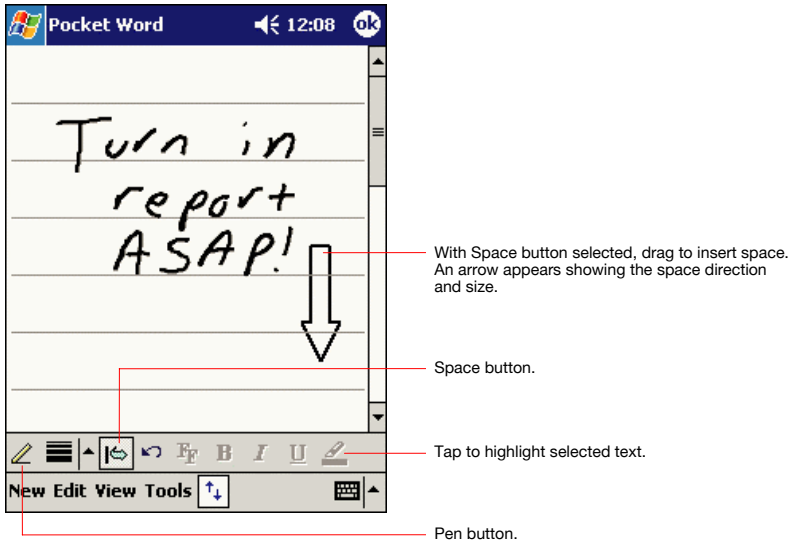
Using the input panel, enter typed text into the document. For more information on entering typed text, see Chapter 2.

To format existing text and to edit text, first select the text. You can select text as you do in a Word document, using your stylus instead of the mouse to drag through the text you want to select. You can search a document to find text by tapping **Edit** and then **Find/Replace**.



Writing Mode

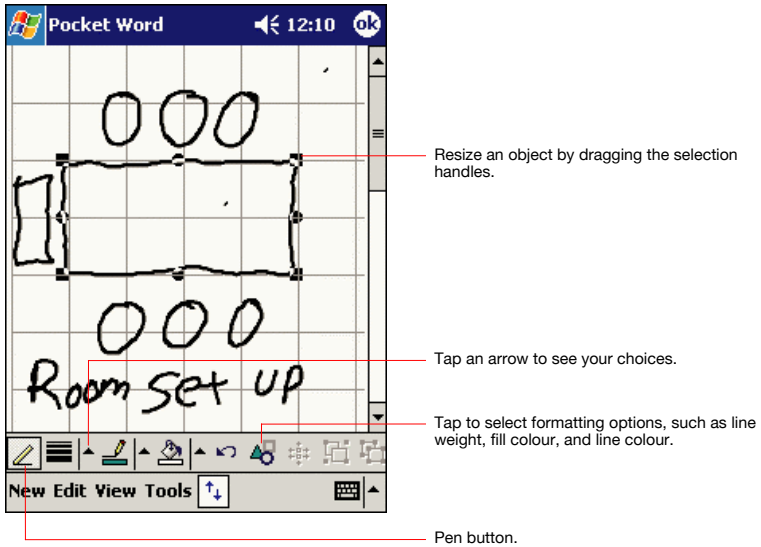
In writing mode, use your stylus to write directly on the screen. Ruled lines are displayed as a guide, and the zoom magnification is greater than in typing mode to allow you to write more easily. For more information on writing and selecting writing, see Chapter 2.




If you cross three ruled lines in a single stylus stroke, the writing becomes a drawing, and can be edited and manipulated as described in the following section. Written words are converted to graphics (metafiles) when a Pocket Word document is converted to a Word document on your computer.

Drawing Mode

In drawing mode, use your stylus to draw on the screen. Gridlines appear as a guide. When you lift your stylus off the screen after the first stroke, you'll see a drawing box indicating the boundaries of the drawing. Every subsequent stroke within or touching the drawing box becomes part of the drawing. For more information on drawing and selecting drawings, see Chapter 2.



Recording Mode

In recording mode, embed a recording into your document. Recordings are saved as .wav files. For more information on recording, see Chapter 2. For more information on using Pocket Word, tap  and then **Help**.

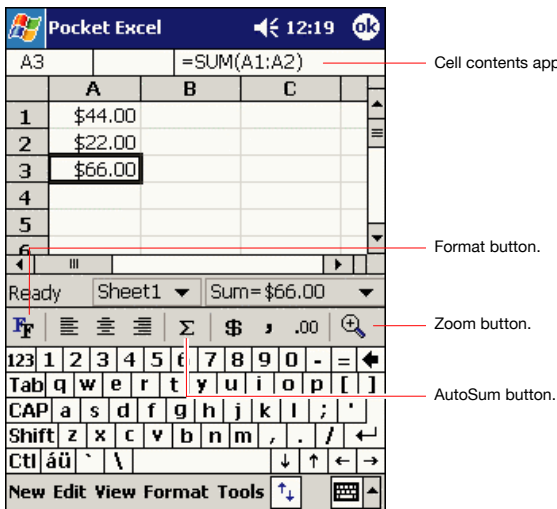
Pocket Excel

Pocket Excel works with Microsoft Excel on your computer to give you easy access to copies of your workbooks. You can create new workbooks on your device, or you can copy workbooks from your computer to your device. Synchronize workbooks between your computer and your device so that you have the most up-to-date content in both locations.

Use Pocket Excel to create workbooks, such as expense reports and mileage logs. To create a new file, tap **Programs**, **Pocket Excel**, and then **New**. A blank workbook appears. Or, if you've selected a template for new workbooks in the **Options** dialog box, that template appears with appropriate text and formatting already provided. You can open only one workbook at a time; when you open a second workbook, you'll be asked to save the first. You can save a workbook you create or edit in a variety of formats, including Pocket Excel (.pxl) and Excel (.xls).

Pocket Excel contains a list of the files stored on your device. Tap a file in the list to open it. To delete, make copies of, and send files, tap and hold a file in the list. Then select the appropriate action from the pop-up menu.

Pocket Excel provides fundamental spreadsheet tools, such as formulas, functions, sorting, and filtering. To display the toolbar, tap **View** and then **Toolbar**.



*If your workbook contains sensitive information, you can protect it with a password. To do so, open the workbook, tap **Edit**, and then **Password**. Every time you open the workbook, you will need to enter the password, so choose one that is easy for you to remember but hard for others to guess.*

Tips for Working in Pocket Excel

Note the following when working in large worksheets in Pocket Excel:

- View in full-screen mode to see as much of your worksheet as possible. Tap **View** and then **Full Screen**. To exit full-screen mode, tap **Restore**.
- Show and hide window elements. Tap **View** and then tap the elements you want to show or hide.
- Freeze panes on a worksheet. First select the cell where you want to freeze panes. Tap **View** and then **Freeze Panes**. You might want to freeze the top and leftmost panes in a worksheet to keep row and column labels visible as you scroll through a sheet.
- Split panes to view different areas of a large worksheet. Tap **View** and then **Split**. Then drag the split bar to where you want it. To remove the split, tap **View** and then **Remove Split**.
- Show and hide rows and columns. To hide a hidden row or column, select a cell in the row or column you want to hide. Then tap **Format**, then **Row** or **Column**, and then **Hide**. To show a hidden row or column, tap **Tools**, then **Go To**, and then type a reference that is in the hidden row or column. Then tap **Format**, then **Row** or **Column**, and then **Unhide**.

For more information on using Pocket Excel, tap  and then **Help**.

MSN Messenger

MSN® Messenger on your mobile device is an instant messaging program that lets you:

- See who is online.
- Send and receive instant messages.
- Have instant message conversations with groups of contacts.

To use MSN Messenger, you must have a Microsoft Passport™ account or a Microsoft Exchange e-mail account. You must have a Passport to use MSN Messenger Service. If you have a Hotmail® or MSN account, you already have a Passport. Once you have obtained either a Microsoft Passport or a Microsoft Exchange account, you are ready to set up your account.



*Sign up for a Microsoft Passport account at <http://www.passport.com>.
Get a free Microsoft Hotmail e-mail address at <http://www.hotmail.com>.*

To switch to MSN Messenger, tap , **Programs**, and then tap **MSN Messenger**.

Setting Up

Before you can connect, you must enter Passport or Exchange account information.

To set up an account and sign in:

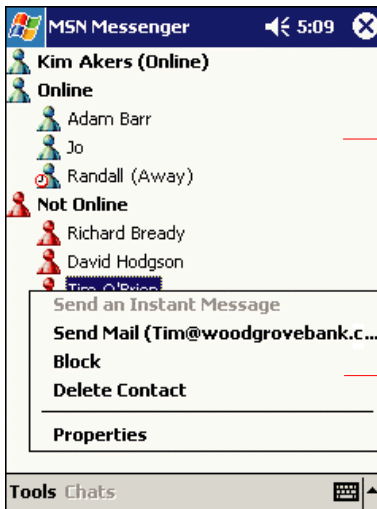
- 1 In the **Tools** menu, tap Options .
- 2 In the **Accounts** tab, enter your Passport or Exchange account information.
- 3 To sign in, tap the sign-in screen and enter your e-mail address and password.



If you already use MSN Messenger on your computer, your contacts will show up on your device without being added again.

Working with Contacts

The MSN Messenger window shows all of your messenger contacts at a glance, divided into Online and Not Online categories. From this view, while connected, you can chat, send an e-mail, block the contact from chatting with you, or delete contacts from your list using the pop-up menu.



Tap a contact to start a chat.

Tap and hold to see a pop-up menu of actions.

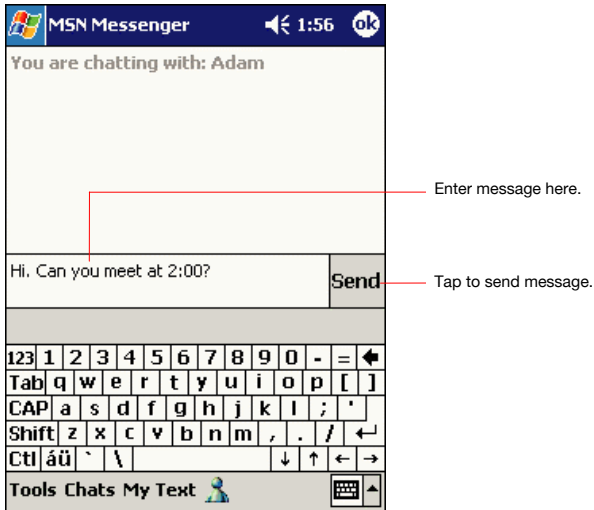


*To see others online without being seen, in the **Tools** menu, tap **My Status** and select **Appear Offline**.*

*If you block a contact, you will appear offline but will remain on the blocked contact's list. To unblock a contact, tap and hold the contact, then tap **Unblock** on the pop-up menu.*

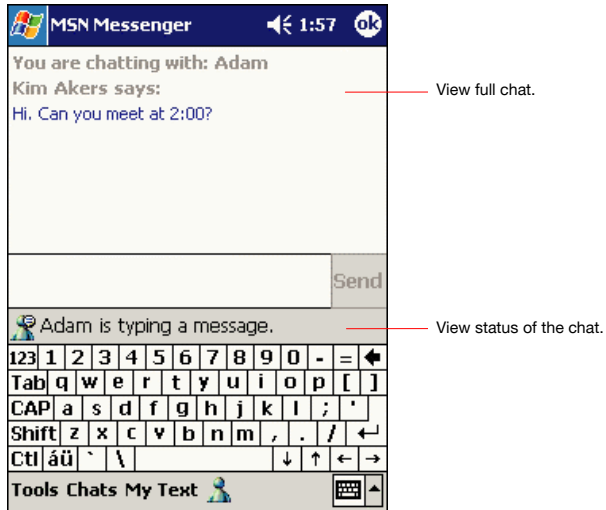
Chatting with Contacts

Tap a contact name to open a chat window. Enter your message in the text entry area at the bottom of the screen, or tap **My Text** to enter a preset message, and tap **Send**. To invite another contact to a multi-user chat, in the **Tools** menu, tap **Invite** and tap the contact you want to invite.




To switch back to the main window without closing a chat, tap the **Contacts** button. To revert back to your chat window, tap **Chats** and select the person whom you were chatting with.

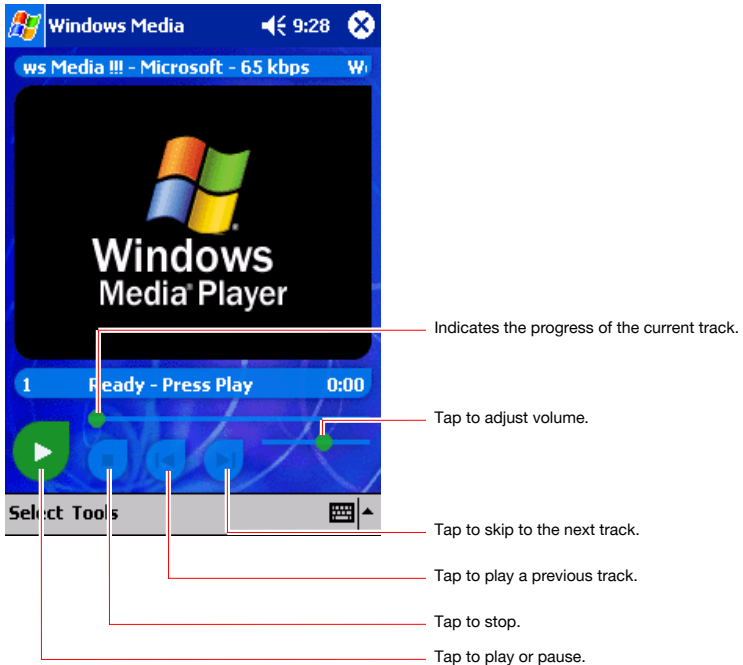
To know if the contact you are chatting with is responding, look for the message under the text entry area.



For more information on using MSN Messenger, tap  and then **Help**.

Windows Media Player

Use Microsoft Windows Media Player to play digital audio and video files that are stored on your device or on a network. To switch to Windows Media Player for Toshiba Pocket PC, tap , **Programs**, and then tap **Windows Media**.



Use Microsoft Windows Media Player on your computer to copy digital audio and video files to your Toshiba Pocket PC. You can play Windows Media and MP3 files on your Toshiba Pocket PC.

For more information about using Windows Media Player for Toshiba Pocket PC, tap , and then tap **Help**.

Microsoft Reader

Use Microsoft Reader to read eBooks on your device. Download books to your computer from your favorite eBook Web site. Then, use ActiveSync to copy the book files to your activated device. The books appear in the Microsoft Reader Library, where you can tap them in the list to open them.

Each book consists of a cover page, an optional table of contents, and the pages of the book. You can:

- Page through the book by using the Up/Down control on your device or by tapping the page number on each page.
- Annotate the book with highlighting, bookmarks, notes, and drawings.
- Search for text and look up definitions for words.

The Guidebook contains all the information you'll need to use the software.

To open the Guidebook, tap **Help** on the Microsoft Reader command bar. Or, on a book page, tap and hold on the book title, and then tap **Help** on the pop-up menu.

To switch to Microsoft Reader, tap , **Programs**, and then **Microsoft Reader**.

Getting Books on Your Device

You can download book files from the Web. Just visit your favorite eBook retailer and follow the instructions to download the book files.

Sample books and a dictionary are also included in the MSReader folder in the Extras folder on the Toshiba Pocket PC Companion CD.

Use ActiveSync to download the files from your computer to your activated device as described in the Read Me file in the MSReader folder.

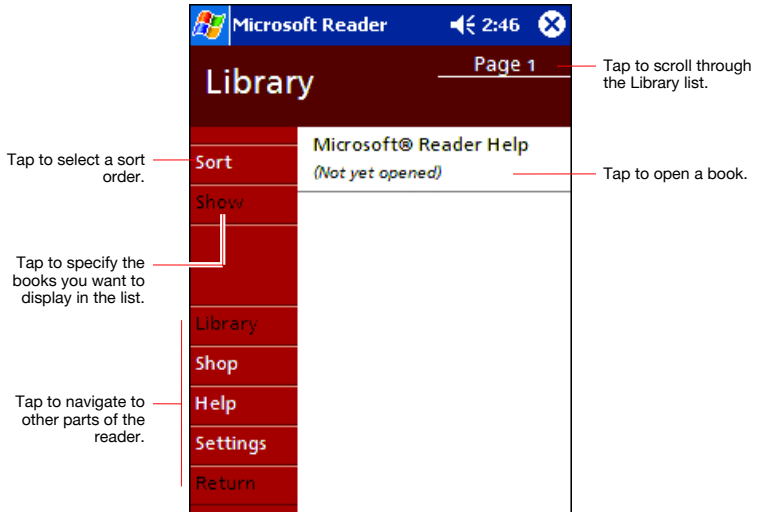
Using the Library

The Library is your MSReader home page; it displays a list of all books stored on your device or storage card.

To open the Library:

- On the MSReader command bar, tap **Library**.
- On a book page, tap the book title, and then tap **Library** on the popup menu.

To open a book, tap its title in the Library list.



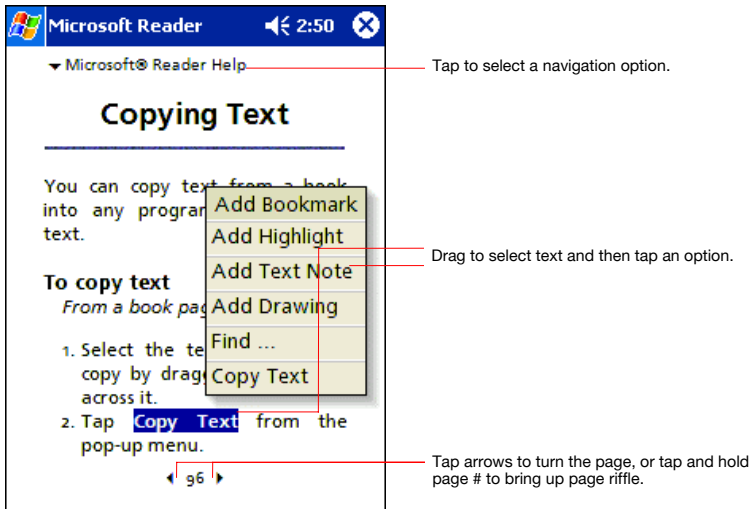
Reading a Book

Each book consists of a cover page, an optional table of contents, and the actual pages of the book. Navigation options are listed in the bottom portion of the cover page.

The first time you open a book, you will probably want to go to the first page or to the table of contents, if there is one. Subsequently, whenever you open the book, you'll be automatically taken to the last page read.

In addition to the text, each book page includes a page number and book title.

You can also page through a book by using the Up/Down control on your device.



Using Reader Features

Reading a book electronically gives you several options not available with paper books. These options are available on any book page.

Select text by dragging across the text on the page. Then, tap an option on the pop-up menu, as described here:

- **Search for Text:** Find text in a book by tapping **Find** on the pop-up menu. Enter the word you want to search for, and tap the desired **Find** option. MSReader highlights the text on the page. To close **Find**, tap outside the box. To return to your original page, tap the title and then tap **Return** on the pop-up menu.
- **Copy Text:** You can copy text from books that support this feature into any program that accepts text. On a book page, select the text you want to copy. Then, tap **Copy Text** on the pop-up menu. The text can be pasted into the program of your choice.
- **Bookmarks:** When you add a bookmark to a book, a color-coded bookmark icon appears in the right margin. You can add multiple bookmarks to a book. Then, from anywhere in the book, tap the bookmark icon to go to the bookmarked page.
- **Highlights:** When you highlight text, it appears with a colored background.
- **Notes:** When you attach a note to text, you enter the text in a note pad that appears on top of the book page. A Note icon will display in the left margin. To show or hide the note, tap the icon.
- **Drawings:** When you add a drawing, a Drawing icon appears in the bottom-left corner of the page, and drawing tools appear across the bottom of the page. Draw by dragging your stylus.
- To see a list of a book's annotations, including bookmarks, highlights, text notes, and drawings, tap **Annotations Index** on the book's cover page. You can tap an entry in the list to go to the annotated page.

Removing a Book

When you finish reading a book, you can delete it to conserve space on your device. If a copy of the book is stored on your computer, you can download it again at any time.


To remove a book from your device, tap and hold the title in the Library list, and then tap **Delete** on the pop-up menu.

Pocket Internet Explorer

Use Microsoft® Pocket Internet Explorer to view Web or WAP pages in either of these ways:

- During synchronization with your computer, download your favorite links and mobile favorites that are stored in the Mobile Favorites subfolder in Internet Explorer on the computer.
- Connect to an Internet service provider (ISP) or network and browse the Web. To do this, you'll need to create the connection first, as described in Chapter 7.

When connected to an ISP or network, you can also download files and programs from the Internet or intranet.

To switch to Pocket Internet Explorer, tap  and then **Internet Explorer**.

The Mobile Favorites Folder

Only items stored in the Mobile Favorites subfolder in the Favorites folder in Internet Explorer on your desktop computer will be synchronized with your device. This folder was created automatically when you installed ActiveSync.

Favorite Links

During synchronization, the list of favorite links in the Mobile Favorites folder on your computer is synchronized with Pocket Internet Explorer on your device. Both computers are updated with changes made to either list each time you synchronize. Unless you mark the favorite link as a mobile favorite, only the link will be downloaded to your device, and you will need to connect to your ISP or network to view the content. For more information on synchronization, see ActiveSync Help on the computer.

Mobile Favorites

If you are using Microsoft Internet Explorer 5.0 or later on your computer, you can download mobile favorites to your device. Synchronizing mobile favorites downloads Web content to your device so that you can view pages while you are disconnected from your ISP and computer.

Use the Internet Explorer plug-in installed with ActiveSync to create mobile favorites quickly.

To create a mobile favorite:

- 1 In Internet Explorer on your computer, click **Tools** and then **Create Mobile Favorite**.
- 2 To change the link name, enter a new name in the **Name** box.
- 3 In **Update**, select a desired update schedule.
- 4 Click **OK**. Internet Explorer downloads the latest version of the page to your computer.
- 5 If you want to download the pages that are linked to the mobile favorite you just created, in Internet Explorer on your PC, right-click the mobile favorite and then click **Properties**. In the **Download** tab, specify the number of links deep you want to download. To conserve device memory, go only one level deep.
- 6 Synchronize your device and computer. Mobile favorites that are stored in the Mobile Favorites folder in Internet Explorer are downloaded to your device.



*If you did not specify an update schedule in step 3, you will need to manually download content to keep the information updated on your computer and device. Before synchronizing with your device, in Internet Explorer on your computer, click **Tools** and then **Synchronize**. You will see the last time content was downloaded to the computer, and you can manually download content if needed.*

*You can add a button to the Internet Explorer toolbar for creating mobile favorites. In Internet Explorer on your computer, click **View, Toolbars**, and then **Customize**.*

To save device memory

Mobile favorites take up storage memory on your device. To minimize the amount of memory used:

- In the settings for the Favorites information type in ActiveSync options, turn off pictures and sounds, or stop some mobile favorites from being downloaded to the device. For more information, see ActiveSync Help.
- Limit the number of downloaded linked pages. In Internet Explorer on the computer, right-click the mobile favorite you want to change and then **Properties**. In the **Download** tab, specify 0 or 1 for the number of linked pages you want to download.

Using AvantGo Channels

AvantGo is a free interactive service that gives you access to personalized content and thousands of popular Web sites. You subscribe to AvantGo channels directly from your device. Then, you synchronize your device and computer, or connect to the Internet to download the content. For more information, visit the AvantGo Web site.

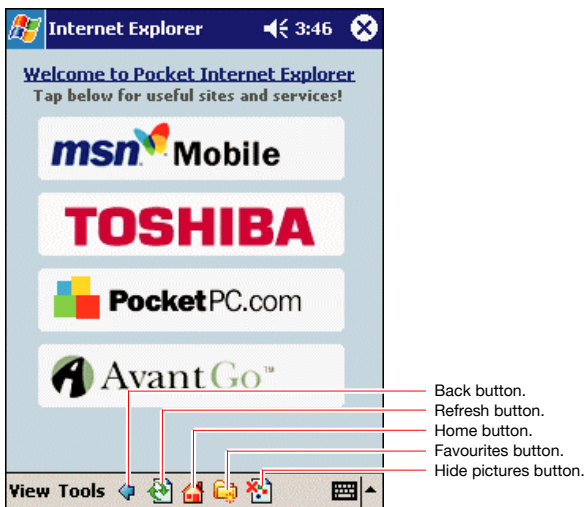
To sign up for AvantGo:

- 1 In ActiveSync options on the computer, turn on synchronization for the AvantGo information type.
- 2 In Pocket Internet Explorer on your device, tap the Favorites button to display your list of favorites.
- 3 Tap the AvantGo Channels link.
- 4 Tap the Activate button.
- 5 Follow the directions on the screen. You will need to synchronize your device with your computer and then tap the My Channels button to complete the AvantGo setup.

When synchronization is complete, tap the AvantGo Channels link in your list of favorites to see a few of the most popular channels. To add or remove channels, tap the **Add** or **Remove** link.

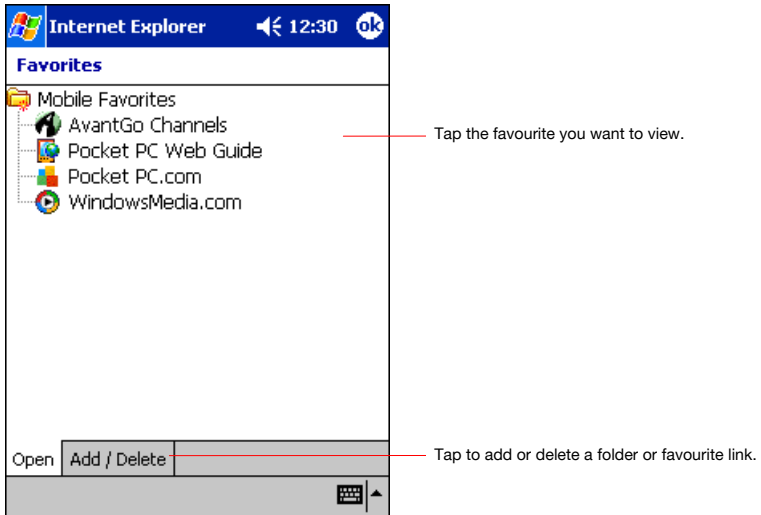
Using Pocket Internet Explorer

You can use Pocket Internet Explorer to browse mobile favorites and channels that have been downloaded to your device without connecting to the Internet. You can also connect to the Internet through an ISP or a network connection and browse the Web.



To view mobile favorites and channels:

- 1 Tap the Favorites button to display your list of favorites.



- 2 Tap the page you want to view.

You'll see the page that was downloaded the last time you synchronized with your computer. If the page is not on your device, the favorite will be dimmed. You will need to synchronize with your computer again to download the page to your device, or connect to the Internet to view the page.

To browse the Internet:

- 1 Set up a connection to your ISP or corporate network using **Connections**, as described in Chapter 7.
- 2 To connect and start browsing, do one of the following:
 - Tap the Favorites button, and then tap the favorite you want to view.
 - Tap **View** and then **Address Bar**. In the address bar that appears at the top of the screen, enter the Web address you want to visit and then tap **Go**. Tap the arrow to choose from previously entered addresses.



*To add a favorite link while using the device, go to the page you want to add, tap and hold on the page, and tap **Add to Favorites**.*

Getting Connected

You can use your device to exchange information with other mobile devices as well as your computer, a network, or the Internet. You have the following connection options:

- Use the infrared (IR) port on your device to send and receive files between two devices. If this is the method you want to use, see the following section “Transfer Items Using Infrared.”
- Connect to your Internet service provider (ISP). Once connected, you can send and receive e-mail messages by using Inbox and view Web or WAP pages by using Microsoft® Pocket Internet Explorer. The communication software for creating an ISP connection is already installed on your device. Your service provider will provide software needed to install other services, such as paging and fax services. If this is the method you want to use, see “Connect to an Internet Service Provider” later in this chapter.
- Connect to the network at your company or organization where you work. Once connected, you can send and receive e-mail messages by using Inbox, view Web or WAP pages by using Pocket Internet Explorer, and synchronize with your computer. If this is the method you want to use, see “Connect to Work” later in this chapter.
- Connect to your computer to synchronize remotely. Once connected, you can synchronize information such as your Pocket Outlook information. If this is the method you want to use, see ActiveSync Help on your computer or Connections Help on the device.

Transfer Items Using Infrared

Using infrared (IR), you can send and receive information, such as contacts and appointments, between two devices.

To send information:

- 1 Switch to the program where you created the item you want to send and locate the item in the list.
- 2 Align the IR ports so that they are unobstructed and within a close range.
- 3 Tap and hold the item, and tap **Beam Item** on the pop-up menu.



*You can also send items, but not folders, from File Explorer. Tap and hold the item you want to send, and then tap **Beam File** on the pop-up menu.*

To receive information:

- 1 Align the IR ports so that they are unobstructed and within a close range.
- 2 Have the owner of the other device send the information to you. Your device will automatically receive it.


Connect to the Internet

You can connect to your ISP, and use the connection to send and receive e-mail messages and view Web or WAP pages.

You can connect to work in one of two ways:

- Create a modem connection. If this is the method you want to use, see “To create a modem connection to an ISP.”
- Use an Ethernet card and a net tap to connect to the network. If this is the method you want to use, see “To create an Ethernet connection to an ISP.”

To create a modem connection to an ISP:



- 1 Obtain the following information from your ISP: ISP dial-up access telephone number, user name, password, and TCP/IP settings. Some ISPs require information in front of the user name, such as MSN/username.
- 2 If your device does not have a built-in modem, install a modem card, or use or use a NULL modem cable and appropriate adaptors to connect an external modem to your device through the serial port.
- 3 Tap  and then **Settings**. In the **Connections** tab, tap **Connections**. Under The Internet settings, select **Internet Settings** and tap **Modify**.
- 4 In the **Modem** tab, tap **New**.
- 5 Enter a name for the connection, such as “ISP Connection.”

- 6 In the **Select a modem** list, select your modem type. If your modem type does not appear, try reinserting the modem card. If you are using an external modem that is connected to your device with a cable, select **Hayes Compatible on COM1**.
- 7 You should not need to change any settings in **Advanced**. Most ISPs now use a dynamically-assigned address. If the ISP you are connecting to does not use a dynamically-assigned address, tap **Advanced** and then the **TCP/IP** tab, and enter the address. When finished, tap **OK** and then **Next**.
- 8 Enter the access phone number, and tap **Next**.
- 9 Select other desired options, and tap **Finish**.
- 10 In the **Dialing Locations** tab, specify your current location and phone type (most phone lines are tone). These settings will apply to all connections you create.

To start the connection, simply start using one of the following programs. Your device will automatically begin connecting. Once connected, you can:

- Send and receive e-mail messages by using Inbox. Before you can use Inbox, you need to provide the information it needs to communicate with the e-mail server. For specific instructions, see “Connect Directly to an E-mail Server,” later in this chapter.
- Visit Web and WAP pages by using Pocket Internet Explorer. For more information, see Chapter 6.
- Send and receive instant messages with MSN Messenger. For more information, see “MSN Messenger” in Chapter 5.

To create an Ethernet connection to an ISP:

- 1 You do not need to create a new connection on your device. Instead, you must purchase and configure an Ethernet card that is compatible with your device.
- 2 Obtain the following information from your ISP: user name, password, and domain name.
- 3 Insert the Ethernet card into your device. For instructions on inserting and using the Ethernet card, see the owner’s manual for the card.
- 4 The first time you insert the card, **Network Settings** will appear automatically so that you can configure the Ethernet card. Most networks use DHCP, so you should not have to change these settings unless your network administrator instructs you to do so. Tap **OK**. (If it does not appear or to change settings later, tap  and then **Settings**. In the **Connections** tab, tap **Network Adapters**, tap the adaptor you want to change, and then tap **Properties**.)
- 5 Connect the Ethernet card to the network by using a network cable. For information, see your owner’s manual.
- 6 Tap , **Settings**, **Connections** tab, and then **Connections**. From the **My network card connects to** list, select **The Internet**.


To start the connection, simply start using one of the programs listed in the preceding section. Once connected, you can perform the same activities as listed in the preceding section.

Connect to Work

If you have access to a network at work, you can send e-mail messages, view intranet pages, synchronize your device, and possibly access the Internet. You can connect to work in one of two ways:

- Create a modem connection by using a RAS account. Before you can create this modem connection, your network administrator will need to set up a RAS account for you. If this is the method you want to use, see “To create a modem connection to a network.” Your network administrator may also give you VPN settings.
- Use an Ethernet card and a net tap to connect to the network. If this is the method you want to use, see “To create an Ethernet connection to a network.”




To create a modem connection to a network:

- 1 Get the following information from your network administrator: dial-up access telephone number, user name, password, domain name, and TCP/IP settings.
- 2 If your device does not have a built-in modem, install a modem card.
- 3 Tap  and then **Settings**. In the **Connections** tab, tap **Connections**. Under The Internet settings, select **Internet Settings** and tap **Modify**.
- 4 In the **Modem** tab, tap **New**.
- 5 Enter a name for the connection, such as “Company Connection.”
- 6 In the **Select a modem** list, select your modem type. If your modem type does not appear, try reinserting the modem card. If you are using an external modem that is connected to your device with a cable, select **Hayes Compatible on COM1**.
- 7 You should not need to change any settings in **Advanced**. Most servers now use a dynamically assigned address. If the server you are connecting to does not use a dynamically assigned address, tap **Advanced** and then the **TCP/IP** tab and enter the address. When finished, tap **OK** and then **Next**.
- 8 Enter the access phone number, and tap **Next**.
- 9 Select other desired options, and tap **Finish**.
- 10 In the **Dialing Locations** tab, specify your current location and phone type (most phone lines are tone). These settings will apply to all connections you create.

To start the connection, simply start using one of the following programs. Your device will automatically begin connecting. Once connected, you can:

- Send and receive e-mail messages by using Inbox. Before you can use Inbox, you need to provide the information it needs to communicate with the e-mail server. For specific instructions, see “Connect Directly to an E-mail Server,” later in this chapter.
- Visit Internet or intranet Web or WAP pages by using Pocket Internet Explorer.
- Send and receive instant messages with MSN Messenger. For more information, see “MSN Messenger” in Chapter 5.
- Synchronize. For more information, see ActiveSync Help on the computer.

To create an Ethernet connection to a network:

- 1 You do not need to create a new connection on your device. Instead, you must purchase and configure an Ethernet card that is compatible with your device.
- 2 Get the following information from your network administrator: user name, password, and domain name.
- 3 Insert the Ethernet card into your device. For instructions on inserting and using the Ethernet card, see the owner’s manual for the card.
- 4 The first time you insert the card, Network Settings will appear automatically so that you can configure the Ethernet card. Most networks use DHCP, so you should not have to change these settings unless your network administrator instructs you to do so. Tap **OK**. (If it does not appear or to change settings later, tap  and then **Settings**. On the **Connections** tab, tap **Network Adapters**, tap the adaptor you want to change, and then tap **Network Adapters**.)
- 5 Connect the Ethernet card to the network by using a network cable. For information, see your owner’s manual.
- 6 Tap , **Settings**, **Connections** tab, and then **Connections**. From the **My network card connects to** list, select **Work**.
- 7 If you want to synchronize your device, tap , and then **ActiveSync**. In the **Tools** menu, tap **Options**. In the **PC** tab, select **Include PC** when synchronizing remotely and connect to, and select your computer’s name. Remote synchronization with a computer will work only if you have set up a partnership with that computer through ActiveSync and have set ActiveSync to allow remote connections. Other restrictions apply. For more information on synchronizing remotely, see ActiveSync Help on the computer.

To start the connection, simply start using one of the programs listed in the preceding section. Once connected, you can perform the same activities as listed in the preceding section.

End a Connection

To disconnect, do one of the following:

- When connected via dial-up or VPN, tap the Connection icon, , on your navigation bar, and then tap **End**.
- When connected via cable or cradle, detach your device from the cable or cradle.
- When connected via Infrared, move the device away from the PC.
- When connected via a network (Ethernet) card, remove the card from your device.

Connect Directly to an E-mail Server

You can set up a connection to an e-mail server so that you can send and receive e-mail messages by using a modem or network connection and Inbox on your device.




The ISP or network must use a POP3 or IMAP4 e-mail server and an SMTP gateway.

You can use multiple e-mail services to receive your messages. For each e-mail service you intend to use, first set up and name the e-mail service. If you use the same service to connect to different mailboxes, set up and name each mailbox connection.


To set up an e-mail service:

- In Inbox on your device, tap **Services**, and then **New Service**. Follow the directions in the New Service wizard.

For an explanation of a screen, tap  and then **Help**. When finished, to connect to your e-mail server, tap **Services** and then **Connect**. For more information on using the Inbox program, see “Inbox: Sending and Receiving E-mail Messages” in Chapter 4.

Get Help on Connecting

More information on the procedures described here, as well as information on additional procedures, can be found in the following locations:

- “Inbox: Sending and Receiving E-mail Messages” in Chapter 4.
- Online Help on the device. Tap  and then **Help**. Tap **View, All Installed Help**, and then **Inbox** or **Connections**.
- ActiveSync Help on the computer. In ActiveSync, click **Microsoft ActiveSync Help** on the **Help** menu.
- For troubleshooting information, see the Pocket PC Web site at: <http://www.microsoft.com/mobile/pocketpc>

Wi-Fi (IEEE 802.11b) WLAN Adaptor

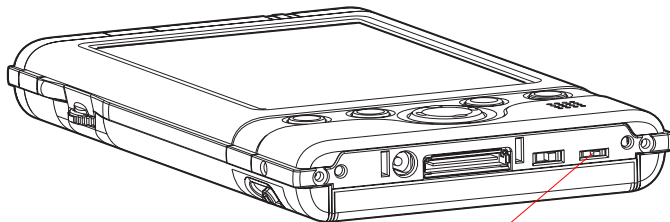
Overview

Your Pocket PC e740 may be equipped with a IEEE 802.11b WLAN Adaptor which can connect your Pocket PC e740 wirelessly to the existing IEEE 802.11b wireless networks or form its own Wireless Network. Using the adaptor in the Pocket PC, you can enjoy the complete mobile and high-speed wireless Internet connectivity while in range of a Wi-Fi compatible access point .

Please read this chapter carefully to get familiar with this feature.

Turning on Wireless LAN

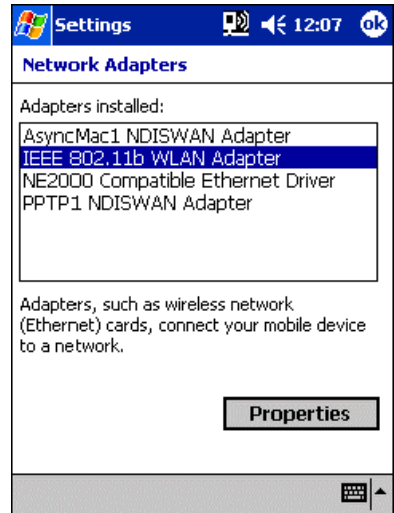
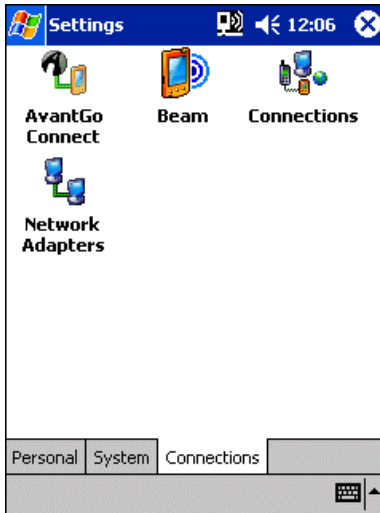
- 1 To enable the Wireless LAN module, turn the Wireless Communication Switch on. (The default setting is Off. Slide the switch to the left to turn the power on.)
- 2 If this is your first time turning on the switch, the IP Address Page will pop up for you to set the IP address, Subnet mask and Default gateway.



Wireless Communication Switch
(On ↔ Off)

Configuration

- 1 Click Start > Settings > Connections > Network Adaptors > “IEEE 802.11b WLAN Adaptor” > Properties > IP Address to set IP address, Subnet mask and Default gateway settings if needed.



- 2 Click Start > Settings > System > Wireless LAN Utility to view or adjust other configuration settings, such as Mode and SSID etc. Tap **Apply** and **OK** to save and implement the settings.



Details of configuration follow...

IP Address Page

Use IP Address Page to view and edit the **IP address**, **Subnet mask** and **Default gateway**.

Click Start > Settings > Connections > Network Adaptors > "IEEE 802.11b WLAN Adaptor" > Properties > IP Address

Settings 12:16 ok

IEEE 802.11b WLAN Adapter

Use server-assigned IP address

Use specific IP address

IP address: 10 . 37 . 238 . 113

Subnet mask: 255 . 255 . 255 . 0

Default gateway: 10 . 37 . 238 . 1

IP Address Name Servers OK

- **IP Address:** IP Address is Internet Protocol Address; a numeric address such as 10.37.238.100 that the domain name server translates into a domain name. Each node on the IP network should have a unique IP address.
- **Subnet mask:** A number used to identify a subnetwork when multiple networks share an IP address. For example 255.255.255.0
- **Default gateway:** This is a device used to forward IP packets to and from a remote destination.



Please check with your network administrator for these connection settings.

Name Servers Page

Use Name Servers Page to view and edit **DNS**, **Alt DNS**, **WINS** and **Alt WINS**.

Start > Settings > Connections > Network Adaptors > “IEEE 802.11b WLAN Adaptor” > Properties > Name Servers

Settings 12:17 ok

IEEE 802.11b WLAN Adapter

Name server addresses may be automatically assigned if DHCP is enabled on this adapter.

DNS: 10 . 37 . 1 . 250

Alt DNS: 168 . 95 . 1 . 1

WINS: 10 . 37 . 238 . 209

Alt WINS: . . .

IP Address Name Servers ok

- **DNS:** Domain Name System is a database system that translates addresses and domain names. For example, a numeric address like 232.245.021.54 can become something like cba.com. DNS can also be used to control Internet email delivery.
- **WINS:** In Pocket PC, Windows Internet Naming Service has two functions; one is a Microsoft Net BIO name server that eliminates the broadcasts needed to resolve computer names to IP addresses by providing a cache or database of translations. The other one is to set the IP address of the host computer that you already construct the partnership for Network adaptor Active sync purpose.



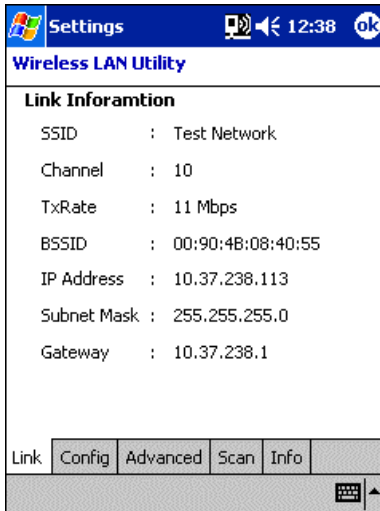
Without setting the host computer's IP address in the WINS, you cannot wirelessly synchronize your Pocket PC with your host computer.

- **Alt DNS:** Alt DNS stands for Alternative Domain Name System. Used to substitute main DNS when necessary.
- **Alt WINS:** Alt WINS stands for Alternative Windows Internet Naming Service. Used to substitute main WINS when necessary.

Link Page

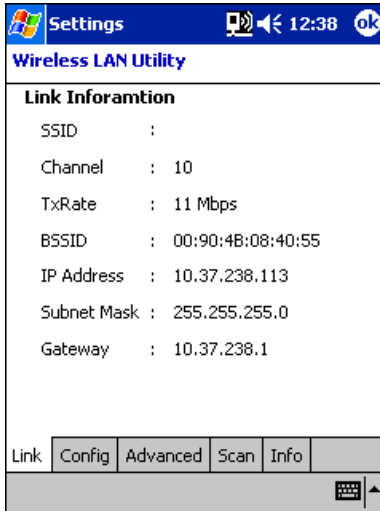
Use the **Link page** to view **SSID, Channel, TxRate, BSSID, IP Address, Subnet Mask** and **Gateway**.

Click Start > Settings > System > Wireless LAN Utility > Link



- **SSID:** An up to 32 character case sensitive name shared among all devices on a wireless network. The name been selected from the Scan page will appear in this field. The default value is "ANY", which will automatically scan and connect the best performance Access Point nearby.
- **Channel:** Indicates the channel currently in use for Access Point or 802.11 Ad Hoc stations.
- **TxRate:** Indicates the current data transmission rate in use.
- **BSSID:** Indicates the current Basic Service Set ID of the Access Point or 802.11 Ad Hoc network been selected. You can check the BSSID list in the Scan page.
- **IP Address:** Indicates the current Internet Protocol Address of the network in use.
- **Subnet Mask:** Indicates the Mask of the subnetwork being used currently.
- **Gateway:** Indicates the IP Address of the gateway being used currently.

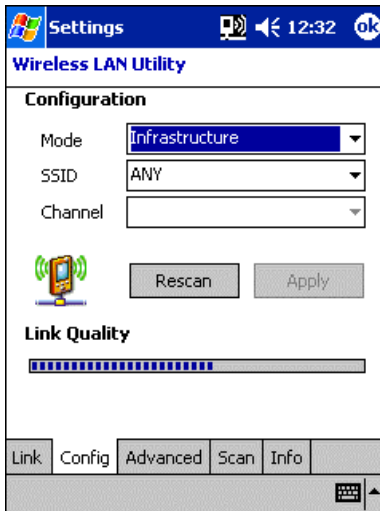
When the adaptor is disconnected with the Access Point or the 802.11 Ad Hoc network, “Non-associated” will appear in the BSSID field.



Configuration Page

Use the Configuration page to set the Mode, SSID, Channel and Country, and to view Link Quality as well.

Click Start > Settings > System > Wireless LAN Utility > Config



- **Mode:** Use the Mode pull-down menu to select the operating mode.
Infrastructure – This is a default mode. This mode allows Wireless LAN Module to transmit and receive data with an Access Point. This mode enables roaming between AP cells in the network.
802.11 Ad Hoc – This mode allows Wireless LAN Module to form its own local network where adaptors communicate peer-to-peer without Access Points using a shared SSID.
- **SSID:** Service Set Identifier is a group name that will be shared by every member of your wireless network. You will only be able to connect with an Access Point (AP), which has the same SSID. Note that the SSID will be case sensitive. Under 802.11Ad Hoc mode, the SSID must be the same among stations so that the Pocket PC can communicate properly within the Wireless Network.
- **Channel:** In France, only channel 10 and 11 are available. In USA, Canada, Europe or Australia, you have 11 options: channel 1~11.



If you cannot connect with the APs or the 802.11 Ad Hoc Network Stations, check if the channel been used is between 1~11. Using channels other than 1~11 will not enable the connection.

The channel is set by the adaptor, which starts the 802.11Ad Hoc network. Under 802.11Ad Hoc mode, the first station forms the 802.11 Ad Hoc network should choose a proper SSID and the channel for use. Other stations will only have the same SSID set to join the 802.11 Ad Hoc network automatically.

- **Rescan:** Used to search the proper Access Point close to the adaptor.
- **Link Quality:** An indicator of how clearly the adaptor can hear the Access Point.

Advanced Page

Use Advanced page to view and edit **Power Saving Mode**, **Transmission Rate** and **Wired Equivalent Privacy (WEP)**.

Click Start > Settings > System > Wireless LAN Utility > Advanced

The screenshot shows the 'Wireless LAN Utility' window with the 'Advanced' tab selected. The 'Wired Equivalent Privacy' section has a 'Mode' dropdown set to 'Disable', and empty 'Key ID' and 'Key' fields. The 'Transmission Rate' dropdown is set to 'Fully Auto'. The 'Power Saving' section has a checked checkbox for 'Enable Power Saving Mode'. An 'Apply' button is located below the Power Saving section. The bottom navigation bar contains buttons for 'Link', 'Config', 'Advanced', 'Scan', and 'Info'.

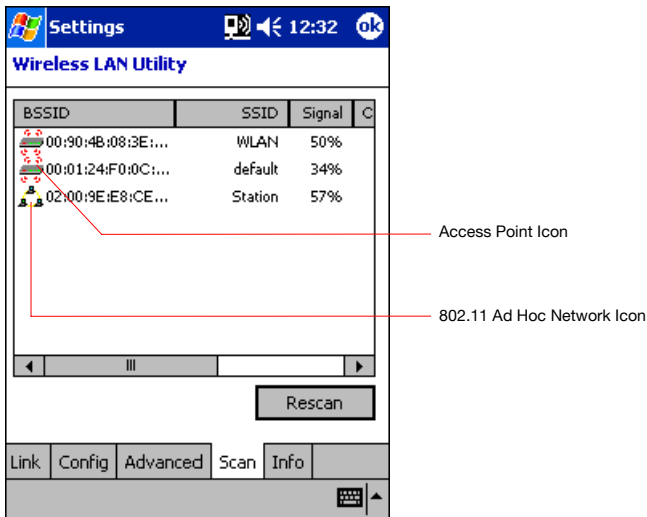
- **Wired Equivalent Privacy (WEP)**
 - **Mode:** The default WEP Mode setting is “Disable”. You can choose “64 bits (ASCII)”, “128 bits (ASCII)”, “64 bits (HEX)” or “128 bits (HEX)” manually to enable the WEP or choose “Disable” to disable the WEP.
 - **Disable:** If there is no security issue concerned, choose “Disable” which may increase the Data Transmission Rate.
 - **64 bits (ASCII):** If WEP of the Access Point or Peer site station is set as “64 bits (ASCII)”, in Mode field, select “64 bits(ASCII)” to connect with the Access Point or the Peer site station by using the same 5 ASCII characters.
 - **128 bits (ASCII):** If WEP of the Access Point or Peer site station is set as “128 bits (ASCII)”, in Mode field, select “128 bits (ASCII)” to connect with the Access Point or the Peer site station by using the same 13 ASCII characters.
 - **64 bits (HEX):** If WEP of the Access Point or Peer site station is set as “64 bits (HEX)”, in Mode field, select “64 bits (HEX)” to connect with the Access Point or the Peer site station by using the same 10 hexadecimal values in the following range: 0~9, A(a)~F(f).
 - **128 bits (HEX):** If WEP of the Access Point or Peer site station is set as “128 bits (HEX)”, in Mode field, choose “128 bits (HEX)” to connect with the Access Point or the Peer site station by using the same 26 hexadecimal values in the following range: 0~9 and A(a)~F(f).

- **Key ID:** While enabling “64 bits (ASCII)”, “128 bits (ASCII)”, “64 bits (HEX)” or “128 bits (HEX)”, the “Key ID” will then be enabled as well. You must choose the same “Key ID” for connection with the Access Point or the Peer site Station. You can choose “Key 1” ~ “Key 4” for your own use.
- **Key:** While enabling “64 bits (ASCII)”, “128 bits (ASCII)”, “64 bits (HEX)” or “128 bits (HEX)” WEP Mode, the “Key” will then be enabled. You can key in the “64 bits (ASCII)”, “128 bits (ASCII)”, “64 bits (HEX)”, or “128 bits (HEX)” WEP Key in the field manually. The “64 bits (ASCII)” needs 5 ASCII characters with no limitation; the “128 bits (ASCII)” needs 13 ASCII characters with no limitation; the “64 bits (HEX)” needs 10 hexadecimal numbers for use and will have the upper limit of 10 Hexadecimal value of 0~9 and a(A)~f(F); the “128 bits (HEX)” needs 26 hexadecimal value for use and will have the upper limit of 26 Hexadecimal number from range of 0~9 and a(A)~f(F). For “64 bits (HEX)” or “128 bits (HEX)”, if you enter out-of-range Characters, the Utility will prompt a Warning Message to ask you to enter the correct characters. If you didn't enter enough hexadecimal value or ASCII character in the “Key” field, the “Apply” button will not be able to use. And if you click “OK” at this time, the Utility will close itself but will not set the incorrect WEP Key.
- **Transmission Rate:** Use the Transmission Rate pull-down menu to select one of the transmission rates as follows: Fixed 1Mbps, Fixed 2Mbps, Fixed 5.5Mbps, Fixed 11Mbps, Auto Select 1 or 2 Mbps, and Fully Auto. For best performance, select Fully Auto to allow the adaptor to automatically adjust the transfer speed.
- **Power Saving:** Select or clear the check box to enable or disable the Power Saving Mode.

Scan Page

Use Scan page to scan and select the available Access Points and 802.11 Ad Hoc networks.

Click Start > Settings > System > Wireless LAN Utility > Scan

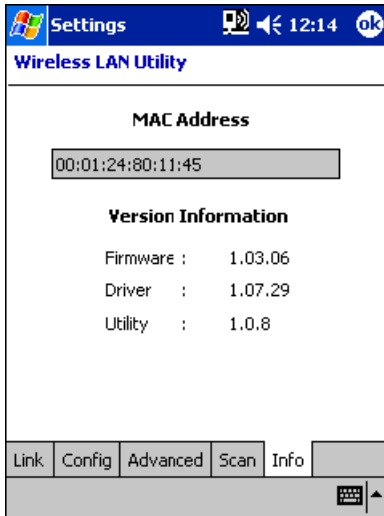


- **Rescan:** The Scan Page displays the available local wireless Access Points and 802.11 Ad Hoc networks. If you don't see all the 802.11b networks you are expecting, click "Rescan" button. Double click the BSSID field to choose the wireless network you want to connect with. Once the wireless network is chosen, Scan page will disappear and Link page with current link information will display automatically.
- **Network Selection:** Each Access Point is identified by its BSSID and SSID. Double-click on the BSSID to choose the Access Point/802.11 Ad Hoc group you want to connect with.
- **Signal:** Indicates the signal strength of the Access Point.
- **Channel:** Indicates what channel the network is set to use.
- **Encryption (Scroll to the right):** Indicates whether or not encryption has been enabled.

Info Page

Use Info Page to view MAC Address, Utility version, Driver version and Firmware version.

Click Start > Settings > System > Wireless LAN Utility > Info







- **MAC Address:** MAC stands for Media Access Control. The physical address of a device connected to a network expressed as a 48-bit hexadecimal number. This parameter cannot be changed.
- **Versions:** Please verify the versions to ensure optimal functionality.

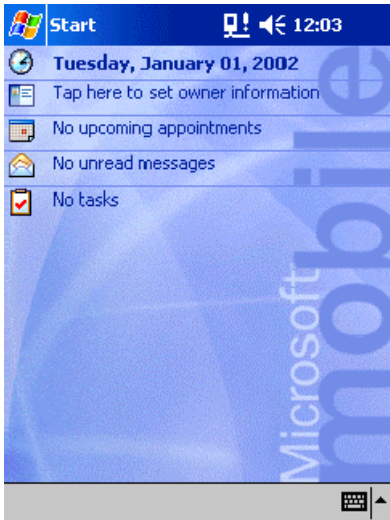
TMU-Traffic Monitoring Utility

TMU keeps users updated of current WLAN Module's activity status.

Icon Specification




Wireless Communication Switch off:

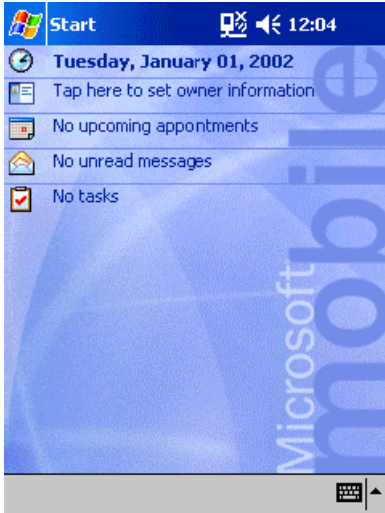
The Wireless Communication Switch, on the bottom of the PDA, is turned off. Clicking on the icon  gives you a warning message, "Please turn on Wireless Communication Switch". Click "OK" to close the Message Box. Turn on the switch and you will see the icon  turns to  or , depends on the original setting for the WLAN Module Power.










Wireless LAN Power off:

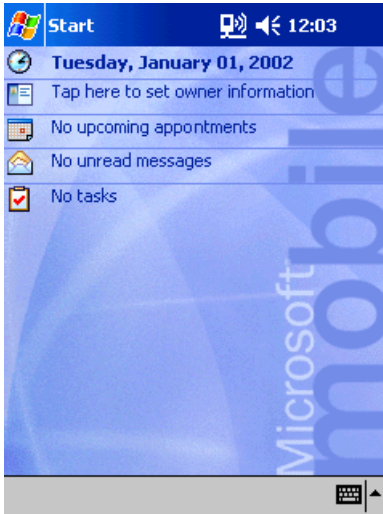
The WLAN Module is at Power Off Status. Clicking on the icon  displays you 2 icons, “On” and “Off”. Click “On” to turn on the Wireless LAN Module, and then the icon  turns to . Click “Off” to exit without turning on the Wireless LAN Module.





Wireless LAN Power on:

The WLAN Module is at Power On Status. Clicking on the icon  displays you 2 icons, “On” and “Off”. Click “Off” to turn off the Wireless LAN Module, and then the icon  turns to . Click “On” to exit without turning off the Wireless LAN Module. To save power, the WLAN module can automatically switches power off after a period of inactivity ( turns to .



Bluetooth Settings Help

If your Pocket PC e740 is equipped with a Bluetooth adaptor, you can wirelessly connect to a Bluetooth-enabled computer or modem.

Bluetooth Settings

You can select the desired User Mode, Security Mode and other settings for use when connecting to other Bluetooth devices.

- Tap **Bluetooth Settings** on the command bar below the Today window to display the **Bluetooth** icon. Tap the Bluetooth icon to display the **Bluetooth Settings** screen.

User Mode

The User Mode can be used to control the information shared when connected to other Bluetooth devices. Select the desired User Mode to enable the corresponding settings.

- 1 Tap **Settings** on the **Bluetooth Settings** screen, and then select **Change User Mode** from the **Settings** menu.
- 2 Check the box of the desired User Mode on the **Change User Mode** screen.
- 3 Tap **OK** to return to the **Settings** menu.

You can also change the User Mode directly from the **Bluetooth Settings** screen.

Specifications

By enabling the Bluetooth device on your Toshiba Pocket PC, you will be able to wirelessly communicate with Bluetooth-enabled PCs, modems and other peripherals, and chat with other Toshiba Pocket PCs. The Toshiba Pocket PC supports following Bluetooth services:

- **COM (Serial Port Service)**

This service allows you to use a serial port to connect to a PC in order to send and receive data. COM service is also used when connecting to a PC with ActiveSync.

- **DUN (Dial-up Networking Service)**

This service allows you to use the Dial-up Networking connection with connecting through a modem.

Profiles supported by Toshiba Pocket PC	Serial Port Profile (V1.1); Dial-up Networking Profile (V1.1)
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Bluetooth specification	V1.1 (Not conforming to V1.0B).
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- The connection speed of Bluetooth varies depending on the location and orientation of the Pocket PC, the communication range, the operating environment, the performance of the other party's device, and other factors.
- Because the Bluetooth software uses COM4, it cannot be used with other devices or applications using COM4.
- The Bluetooth software can connect to only one remote device at a time. This is a limitation of software.
- Please refer to the Toshiba Pocket PC Web site for information on specifications and connectable devices: <http://www.pda.toshiba.com>

Setup

Setting Up Your Toshiba Pocket PC

This procedure for setting up is not required usually. This procedure describes for your software upgrade. You need to get the newest software, before performing this operation.

Disable the Bluetooth™ device in your Toshiba Pocket PC and stop all applications, before installing the Bluetooth™ software.

- 1 Connect your Toshiba Pocket PC to your computer with ActiveSync, using the cradle or connection cable.
- 2 With Explorer or another application, open the specified folder and double-click on the setup.exe file.
- 3 Follow the instructions on the screen.
Install this software only under default folder.
- 4 After installing the program to your Toshiba Pocket PC, follow the instructions on the reset confirmation screen.

After resetting your Toshiba Pocket PC, you will be able to use the Bluetooth Settings program.

Enabling Bluetooth™ on Your Toshiba Pocket PC

- 1 Enable Bluetooth™ on the Toshiba Pocket PC by turning on the Wireless Communication Switch. The **Bluetooth Settings** screen will appear. The Bluetooth Settings screen will also appear when the power is turned on using one of the program buttons.



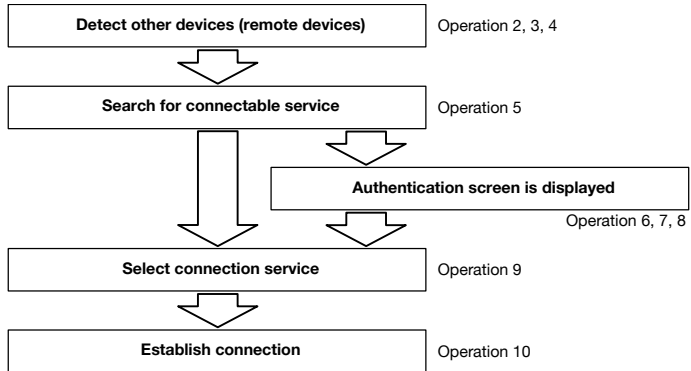
You cannot use more than two Bluetooth™ devices at a time. If CompactFlash communication card, such as a modem, Bluetooth or LAN card, are set at the same time, it may affect the communications performance of the local Bluetooth™ device. If this occurs, remove CompactFlash card from the slot before using Bluetooth™. Each Bluetooth™ device has a unique device address (shown on the card as BDA:XX...X) that is used when communicating with other Bluetooth™ devices. If you use different Bluetooth™ devices (such as SD card type Bluetooth™ device) in your Toshiba Pocket PC, Bluetooth™ may not work. If this occurs, try again after one of following steps. Delete all remote devices from the remote device list displayed on your Toshiba Pocket PC. On a device you are trying to connect, delete the information corresponding to your Toshiba Pocket PC.

Bluetooth™ Connection

Once Bluetooth™ is connected, your Toshiba Pocket PC is called as “local device” while another device is called as “remote device”.

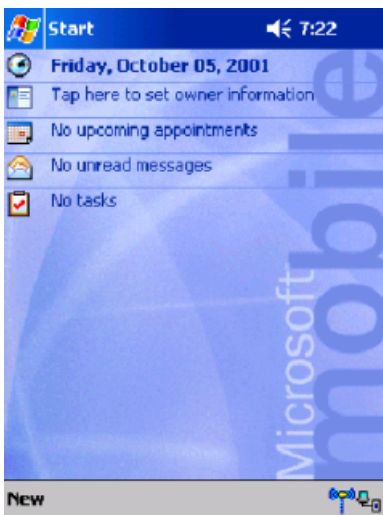
To establish Bluetooth™ connection

Follow the procedure below to establish a Bluetooth™ connection.



After starting the Bluetooth Settings program, a Bluetooth icon will appear on the command bar at the bottom of Today screen. Tap this icon to launch Bluetooth Settings screen.

When the Bluetooth icon was lost from the Programs menu, it can be recovered automatically. Please execute the `\windows\bt_rescue.exe` file in File Explorer.

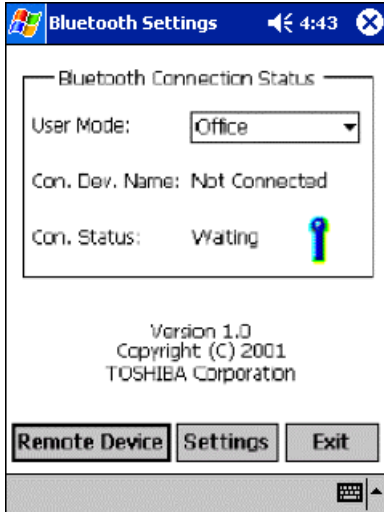


- 1 Tap **Start**, **Programs**, and then **Bluetooth Setup** to display the **Bluetooth Settings** screen.

Tap **Remote Device** to display the **Remote Device List** screen with a list of the other devices.

No device will appear on the remote device list when using this program for the first time or after initializing your Toshiba Pocket PC.

Once you have used this program to connect to a remote device, the information for the previously connected device will be displayed in the remote device list.

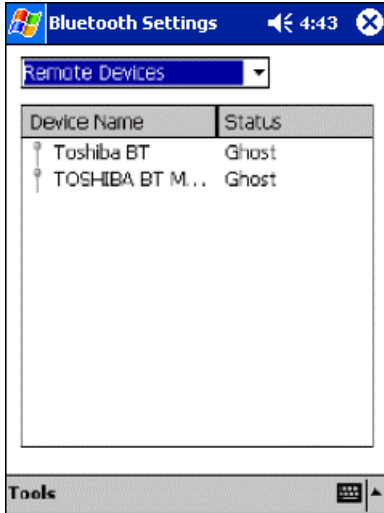


2 Tap **Remote Device Search** on the **Tools** menu.

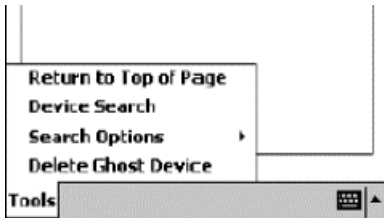
The **Remote Device Search** screen will appear.

It may take several minutes to complete the remote device search.

Once the search is completed, the remote device list will be updated with the latest remote device information.



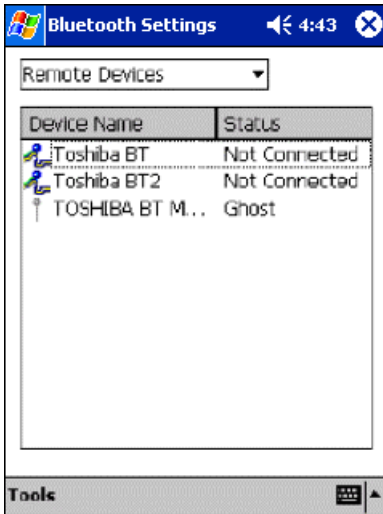
3 Tap and hold to display the properties of the remote devices in a pull-down menu. Tapping on the property name of a remote device categorizes device information by the name.



A “ghost” is displayed for devices that have been discovered before but are no longer discovered.



The device addresses are displayed for devices that did not respond to the remote device name search.



Connected icon



Unconnected icon



“Ghost” icon



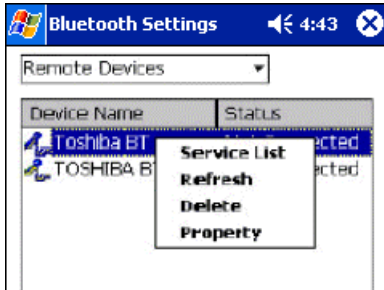
You can reduce the time to search for remote devices by disabling the device name search function. Tap **Search Options** on the **Tools** menu, and select **Disable Device Name Search**. Device addresses will only be displayed on the remote device list.



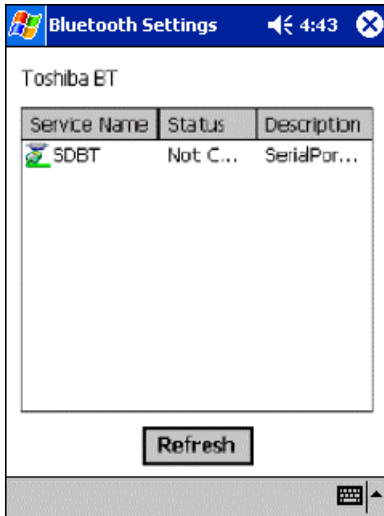
Device Address This is the hexadecimal number for example, listed on Bluetooth™ as BDA:XX...X.

- You can delete all of the “ghost” devices from the remote device list by tapping **Delete Ghost Device** on the **Tools** menu.
- A maximum of 255 devices can be displayed on the remote device list.
- You can differentiate between devices with the same name on the remote device list by checking the device address. Tap and hold on the device name and then select **Property** from the pop-up menu to display the device address.

- 4 Tap and hold on the name of the device to which you want to connect. A pop-up menu will appear.



- 5 Tap **Service List** on the pop-up menu to display a list of services for that device.
No information will appear on the service list when the remote device has not been connected before.



Once you have used this program to connect to a remote device, the service information for the previously connected device will be displayed in the service list.



Connected icon



Serial Port icon



Dial-up Networking icon



When a remote device has initiated the connection to the local device, the remote device status will appear as *Connected* on the remote device list but *Not Connected* in the service information. Once the Bluetooth™ device is connected via a serial port or Dial-up Network, the corresponding icon will change to a connected icon. A maximum of 30 services can be displayed in the service information for a remote device.

6 Tap **Refresh** to display the **Authentication** screen.

If the remote device has already been authenticated, or if the Security Mode of both the local and remote devices is set to Security Off, the Authentication screen will not appear. Proceed to step 9.

When the Security Mode of a device is set to On, a Bluetooth Passkey is used to allow other devices to connect to that device. This passkey, comprised of a maximum of 16 alphanumeric characters, is entered for both devices. Depending on the remote device, there may be fixed values or a character limit when entering the passkey. Please check the settings on the remote device first.



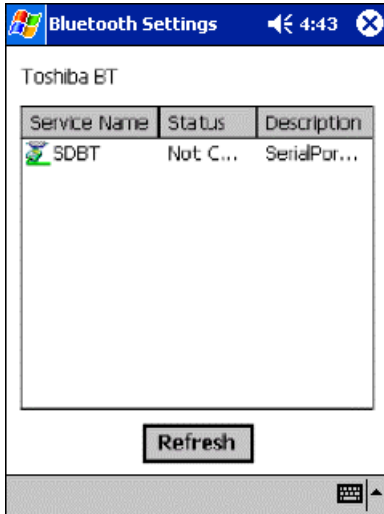
- Enter the Bluetooth Passkey within 20 seconds.

The passkey must not exceed 16 alphanumeric characters. The default Bluetooth Passkey allows you to connect to other Toshiba Pocket PC Pocket PCs.

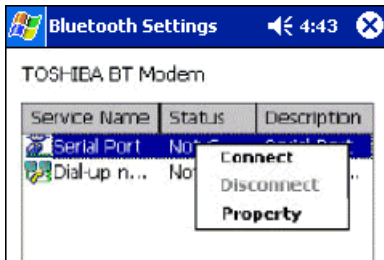
7 Enter the Bluetooth Passkey on the local device and tap **OK**.

The Authentication screen will now appear on the remote device.

- 8 The same passkey must be entered on the remote device.
The remote device will be authenticated and the service list will be updated.



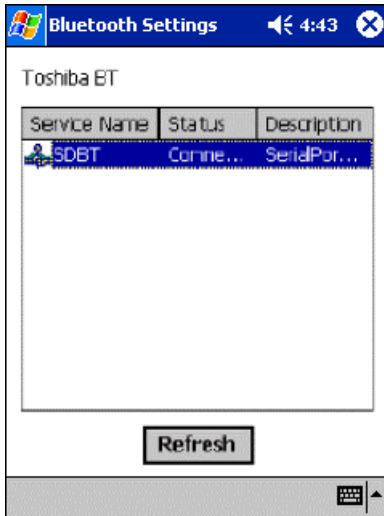
- 9 Tap and hold on the name of the service to which you want to connect. A pop-up menu will appear.



- 10 Tap **Connect** on the pop-up menu.

A connecting message will appear.

Once a connection is established, the service icon will change to a connected icon.



Tap **OK** to return to the **Remote Device List** screen.



If security is enabled only on remote device, the Authentication screen will appear on the remote device first and then on the local device after the Bluetooth™ Passkey is entered. If auto-suspend is enabled in the Power Management, Toshiba Pocket PC will be turned off automatically after specific period of time and the Bluetooth™ connection is terminated.

Connect to PC via ActiveSync

Requirements: The PC must be Bluetooth™-enabled and ActiveSync must have been installed. Your Toshiba Pocket PC must also have been synchronized with the PC using a cradle or a cable at least once to establish a “partnership” to the PC.

- 1 Connect your Toshiba Pocket PC to the computer to which you want to connect.
Establish a Bluetooth™ connection to the PC by following the steps in “Bluetooth Connection”.
- 2 Tap **Start** and then **ActiveSync** on your Toshiba Pocket PC.
Tap **Options** on the **Tools** menu, check **Enable synchronization when docked in cradle, using:** ▼, and then select **Bluetooth™**.
- 3 On the PC, select a port assigned to Bluetooth connection.
The connection status on the right side of the screen will rotate with a green icon, indicating that the PC is ready to connect.

- 4 On your Toshiba Pocket PC, tap **Start, Programs**, and then **Bluetooth Connection**.

The connection and authentication processes will begin.



Bluetooth Connection changes the synchronization interface to "Bluetooth" automatically. If you want to use ActiveSync via USB interface after using "Bluetooth Connection", please reset the ActiveSync interface to "USB".

Bluetooth as a serial connection

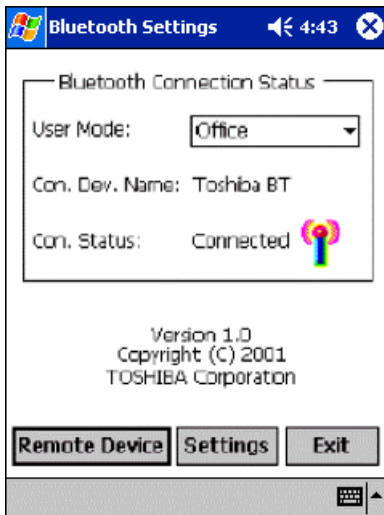
To use Bluetooth™ as a serial connection, select COM4 Bluetooth as the modem on your Toshiba Pocket PC.

Bluetooth™ Settings

Changing the User Mode

Check the local device setting and make any necessary changes.

- 1 Tap **Start, Programs**, and then **Bluetooth Setup** to display the **Bluetooth Settings** screen.

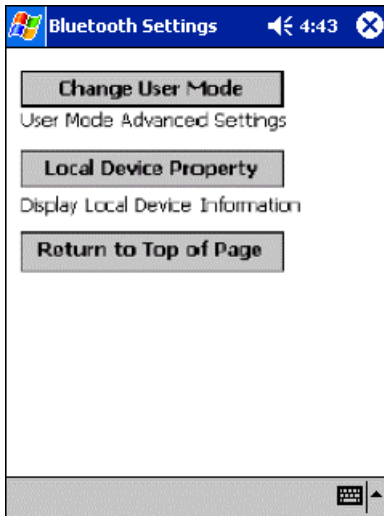


Tap ▼ and select the desired User Mode.

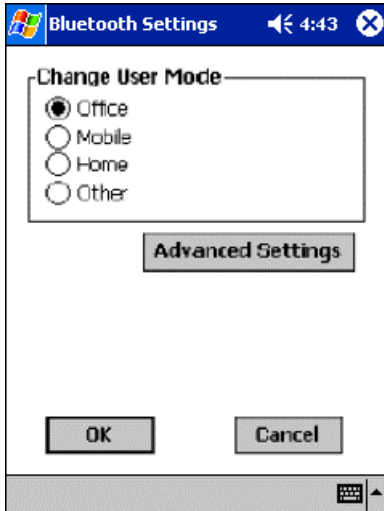
There are 2 states, "Waiting to connect" and "Connected" for the connection status.

- 2 Tap the **Settings** button.

The **Settings** menu allows you to make advanced settings for the User Mode and display the local device information.



- 3 Tap **Change User Mode**.



You can select **Office**, **Mobile**, **Home** or **Other** for the User Mode. Selecting a User Mode immediately enables the corresponding settings.

Tap **OK** or **Cancel** to return to the previous screen.

User Mode security settings

The User Modes have been programmed with the following Security Modes.

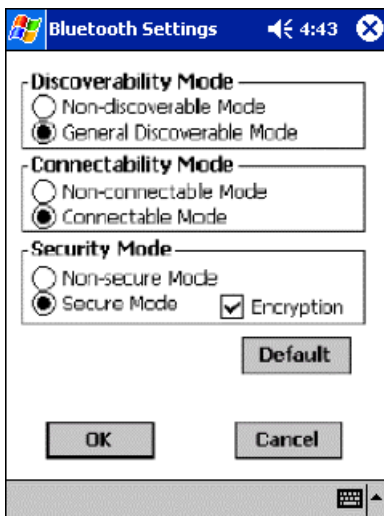
User Mode	Security Mode
Office	On
Mobile	On
Home	Off
Other	On

Because Bluetooth is a wireless network, and unknown devices can connect to the local device, you can restrict remote access to your device.

- To change the Security Mode setting, refer to step 5 of “Changing the User Mode.”
- If the Security Mode of the local device is On, the authentication will be performed when establishing a connection between remote and local devices
- Tap on the desired User Mode on the Change User Mode screen.

The settings for the selected User Mode will be enabled.

- 1 Tap **Advanced Settings** to display the **User Mode Properties** screen. You can modify each User Mode setting.



Set the Discovery Mode (Non-discoverable Mode or General Discoverable Mode).

Set the Connectability Mode (Non-connectable Mode or Connectable Mode).

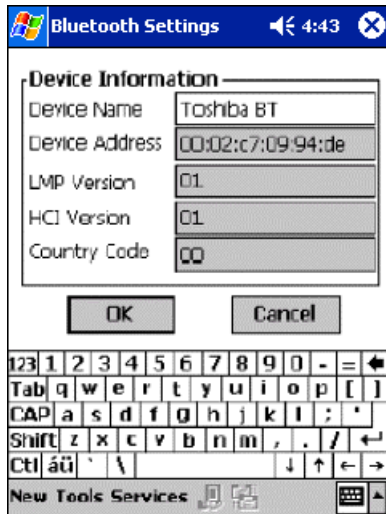
Set the Security Mode (Security Off or Security On).

- When using the Security On mode, you can check **Enable Encryption** to encrypt all data sent and received.

- 2 Tap **OK** to return to the **Change User Mode** screen and enable the new User Mode settings.

Displaying the local device information

- 1 Tap **Local Device Property** button from the **Settings** screen. The **Local Device Property** screen will appear.



When setting or changing the device name on the **Local Device Property** screen, enter a name that does not exceed 17 characters. You cannot change the settings for items other than Device Name.

- 2 Tap **OK** to return to the **Settings** menu and enable the new Device Name setting.

Disconnecting/Exiting Bluetooth™ Connection

If you turn off the power of your Toshiba Pocket PC without first disconnecting the Bluetooth connection, the following error message may appear the next time you turn on the power of the Toshiba Pocket PC:

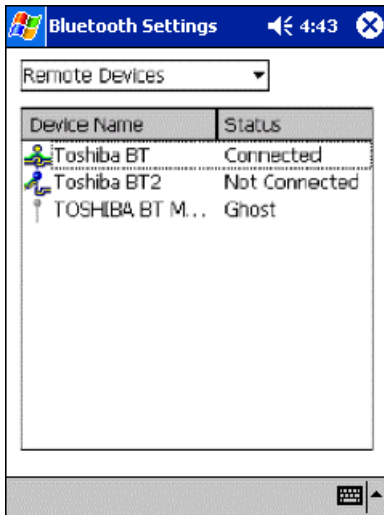
“An error has occurred with Bluetooth, either because the power has been turned off or because the device has been disabled. Confirm that the card is working properly.”

- 1 In such a case, please tap **OK**.

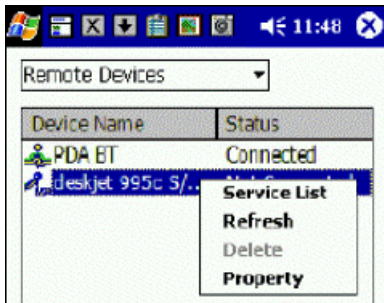
Tap **Remote Devices** on the **BluetoothSettings** screen.

Remote devices will be searched.

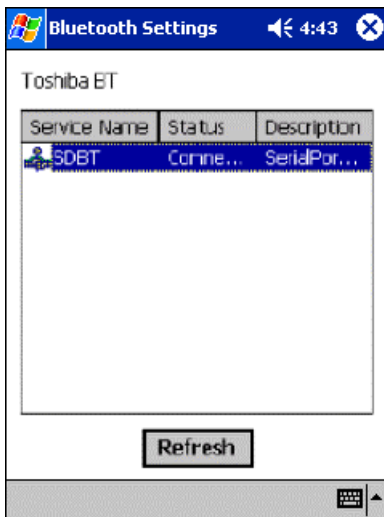
To disconnect a connection established from local device, proceed to step 2 below. To disconnect a connection established from remote device, first change the device attribute setting to local device and then proceed to step 2 below.



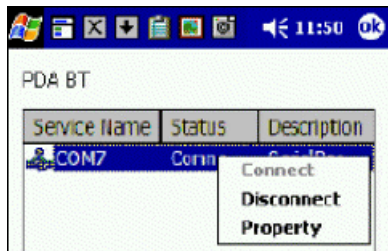
- 2 Tap ▼ to select the different attributes of the devices
 Connected remote devices are indicated with a Connected icon.
 On the Remote Device List screen, tap and hold on the name of the device which you want to disconnect.



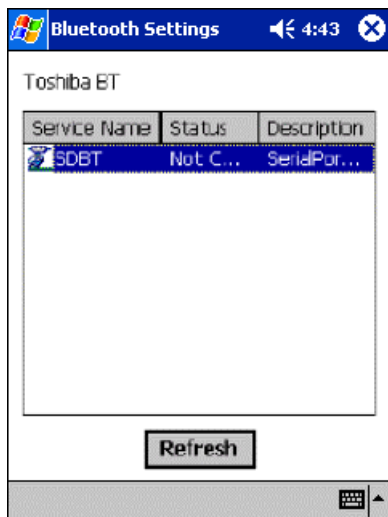
- 3 Tap **Service List** to display a list of services for the device.
 Tap and hold on the name of the service which you want to disconnect. A pop-up menu will appear.



- 4 Tap **Disconnect** on the pop-up menu.



- 5 Once the service is disconnected, the Connected icon will change to a Serial Port or Dial-up Network icon.

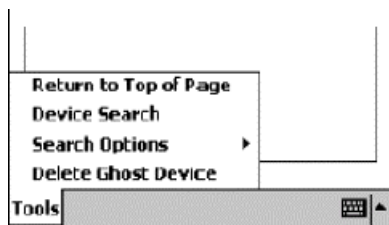


- Tap **OK** to return to the **Remote Device List** screen.

Exiting the Bluetooth Settings

Please follow these steps to exit from the Bluetooth Settings, turn off the Toshiba Pocket PC, and disable the Bluetooth device.

- 1 Tap **Tools** to display the **Tools** menu.



- 2 Tap **Return to Top of Page** to display the **Bluetooth Settings** screen.



- 3 Tap **Exit**.
- 4 Turn off the power of your Toshiba Pocket PC.
- 5 Disable the Bluetooth device on your Pocket PC.

Bluetooth Chat

To chat with another Toshiba Pocket PC using this program, both devices must perform the following steps.

Connect using Bluetooth™

- Tap **Start, Programs**, and then **Toshiba Bluetooth Chat**.
- Tap **Begin Bluetooth Chat** from the **Tools** menu.
- Enter your message and then tap **Send**.

Do not tap the message display screen. If you do it, the next message will be displayed at the location you tapped.

Exiting Bluetooth Chat

- Tap **End Bluetooth Chat** from the **Tools** menu.





During chatting, do not disconnect Bluetooth™ connection or turn off the Wireless Communication Switch. If you do, because local device cannot let remote device know you are to finish chatting, the remote device will get an error.

BPU-Bluetooth Management Utility

BPU keeps users updated of current Bluetooth Module's activity status, and provide a interface to turn the Bluetooth module on/off.

Icon Specification




Wireless Communication Switch off:

The Wireless Communication Switch, on the bottom of the PDA, is turned off. Clicking on the icon  gives you a warning message, "Please turn on Wireless Communication Switch". Click **OK** to close the Message Box. Turn on the switch and you will see the icon  turns to  or , depending on the original setting for the Bluetooth Module Power.





Bluetooth Power off:

The Bluetooth Module is at Power Off Status. Tapping the icon  displays you 2 icons, **On** and **Off**. Click **On** to turn on the Bluetooth Module, and then the icon  turns to . Click Off to exit without turning on the Bluetooth Module.





Bluetooth Power on:

The Bluetooth Module is at Power On Status. Tapping the icon displays you 2 icons, **On** and **Off**. Tap **Off** to turn off the Bluetooth Module, and then the icon turns to . Click “On” to exit without turning off the Bluetooth Module. To save power, the Bluetooth module can automatically switches power off after a period of inactivity (turns to).



Error Messages

Follow the suggested solutions below when these error messages are displayed.

An error occurred with the Bluetooth module. Confirm that the card is working properly.

Cause There was an error when loading the driver.

Solution Turn the Wireless Communication Switch off and on again.

The power is turned off or there is an error with the Bluetooth module. Confirm that the module is working properly.

Cause The power of the Toshiba Pocket PC is off.

Solution Turn on the power of the Toshiba Pocket PC and then tap **OK** on the screen. **Bluetooth Setting** has ended. Reset the system to restart the program

Cause A different type of malfunction has occurred.

Solution Reset the Toshiba Pocket PC.

Unable to retrieve local device information.

Solution Restart Bluetooth Settings or reset the Toshiba Pocket PC.

Unable to retrieve local device information due to insufficient memory. Check the amount of available memory.

Solution Increase the amount of available memory and then restart Bluetooth Settings.

Remote device search failed due to insufficient memory. Check the amount of available memory.

Solution Increase the amount of available memory and then try the remote device search again.

Unable to retrieve remote device information.

Solution Display the remote device list again or try the remote device search again. If, after trying this, the same message appears, restart Bluetooth Settings or reset the Toshiba Pocket PC.

Unable to update remote device information.

Solution Depending on communication conditions, the local device may not be able to locate the service of the remote device. Try the remote device search again. If, after trying this, the same message appears, restart Bluetooth Settings or reset the Toshiba Pocket PC.

The maximum number of remote devices (255) has been exceeded. Delete all unneeded remote devices.

Solution Delete unneeded ghost devices and try the remote device search again. If more than 255 devices are discovered, some devices will not be displayed.

Unable to delete remote device.

Solution Try deleting the remote device again. If, after trying this, the same message appears, restart Bluetooth Settings or reset the Toshiba Pocket PC.

The device name that you entered exceeds the maximum byte count of 248 bytes. Enter a different device name.

Cause The local device name exceeds 248 bytes after UTF-8 code conversion.

Solution Enter a local device name that does not exceed 248 bytes after UTF-8 code conversion.

The retrieved information contains invalid data.

Cause The device information contains invalid data.

Solution Display the device list again or update the device information with the remote device search.

Unable to retrieve some information.

Solution Display the device list again or update the device information with the remote device search.

Unable to delete remote device due to insufficient memory. Check the amount of available memory.

Cause There is insufficient memory to delete the device.

Solution Increase the amount of available memory and then try to delete the device again.

Service list search failed due to insufficient memory. Check the amount of available memory.

Solution Increase the amount of available memory and then try the service list search again.

The maximum number of services (30) has been exceeded.

Cause The Toshiba Pocket PC has detected more than its maximum number of services (30).

Solution Have the remote devices delete unneeded services, and then update the service list.

Unable to successfully connect. Check the status.

Cause An error occurred while trying to connect to a device or service.

Solution Check the status of the device or service and try connecting again.

Unable to successfully disconnect. Check the status.

Cause An error occurred while trying to disconnect from a device

Solution Check the status of the device or service and try disconnecting again.

Unable to update service information.

- Cause An error occurred while trying to update the service information.
- The passkey was not entered within 20 seconds and the program timed out.
- An incorrect passkey was entered.
- No services were available.
- Solution Try updating the service information again.

The local device is connected. Check the status

- Cause You tried connecting to a remote device while the local device was already connected.
- Solution Disconnect from the remote device and then try connecting to another device.

An internal processing error has occurred.

- Solution Restart Bluetooth Settings or reset the Toshiba Pocket PC.

An internal processing error has occurred with the Discoverability Mode setting.

- Solution Restart Bluetooth Settings or reset the Toshiba Pocket PC.

An internal processing error has occurred with the Connectability Mode setting.

- Solution Restart Bluetooth Settings or reset the Toshiba Pocket PC.

An internal processing error has occurred with the Security Mode setting.

- Solution Restart Bluetooth Settings or reset the Toshiba Pocket PC.

An internal processing error has occurred with the Encryption setting.

- Solution Restart Bluetooth Settings or reset the Toshiba Pocket PC.

Unable to register the device name. Enter a different device name.

- Solution Enter a different device name.

The device name that you entered contains invalid characters. Enter a different device name.

- Cause The device name contains only spaces or nothing at all.
- Solution Enter a device name that does not contain only spaces.

An internal processing error has occurred.

- Cause An internal processing error occurred with the Bluetooth Settings.
- Solution Restart Bluetooth Settings or reset the Toshiba Pocket PC.

Unable to retrieve service information.

- Solution Display the service list again.

Bluetooth abnormal end

Cause An error occurred while trying to write on the Bluetooth module.

Solution Reset the Toshiba Pocket PC.

Cannot connect because SDBTPIN.EXE could not be found.

Cause The software required to connect could not be found.

Solution Reinstall the software.

Enter a PIN of 16 alphanumeric characters.

Solution Enter a PIN with a maximum of 16 alphanumeric characters.

ATI Presentation Pack

Introduction

The Toshiba Expansion Pack with ATI IMAGEON Dual Display Solution comes bundled with the ATI Presentation Pack, which includes the IA Presenter and IA Screen Mirror modules.

IA Presenter

Take your Microsoft Windows PowerPoint slides and use IA Presenter to run a smooth presentation directly from your Pocket PC. IA Presenter can run as a standalone mobile PowerPoint player using your portable device's LCD screen. But with IA Presenter and the Toshiba Expansion Pack linked to an LCD projector or a monitor, you can create powerful presentations from your Pocket PC.

IA Screen Mirror

This module projects the current contents of your Pocket PC's LCD screen onto an external projector, or monitor. It can display up to nine different images from your LCD output at the same time on the second display.

Installing the ATI Presentation Pack

All components of the ATI Presentation Pack are installed together by doing as follows:

- 1 Make sure your Pocket PC is connected to your computer and that an ActiveSync connection has been established.
- 2 Start the ATI Presentation Pack installation by running the Setup program.



You can setup ATI Presentation Pack from Companion CD (Enhance Your Pocket PC > Tools > AT Presentation Pack > Install)

- 3 After accepting the license agreement, choose the folder to which you want the ATI Presentation Pack to be installed. Click **Next** to accept the default destination folder; click **Browse...** to specify a different folder.
- 4 Check your Pocket PC screen for any additional steps required to complete the installation.

On-line Help

This Manual serves as a quick-reference guide. For more details about any feature, consult the on-line Help. When using IA Presenter, select **Tools > Help** for the main Help table of contents. In IA Screen Mirror, tap the **Help** button in the *About* tab to access the main Help file. **Context-sensitive Help** is also available. If, during some operations, you cannot open the Tools Menu, you can access the context-sensitive Help messages via the *Windows Start Menu*.

A Note about Updates to the ATI Presentation Pack

Your copy of the ATI Presentation Pack contains the latest versions of IA Presenter and IA Screen Mirror. For updates, please visit the IA Style web site (www.iastyle.com).

IA Presenter

Getting Started

After you invoke IA Presenter, the screen lists all the converted PowerPoint presentations currently in your *My Documents* folder. A sample presentation file is included with the installation, so at least one file will be listed when you initially invoke IA Presenter.

To receive a presentation file into the *My Documents* folder of your Pocket PC via Infrared beaming, tap **Tools** in the lower left corner of the screen, then select **Receive via InfraRed...** from the menu shown above. To drag- and-drop a PowerPoint file from your computer to your Pocket PC, see the section ***Using IA Presenter's Desktop Converter*** on the next page.

The **Options...** command on the Tools Menu opens the *General*, *File*, *Display*, and *VGA Output* tabs. These tabs are explained in the on-line Help file, which can be accessed from the Tools Menu by tapping **Help...** Or, after opening one of the tabs, select **Help** from the *Windows Start Menu*.

Using IA Presenter's Desktop Converter

When you drag-and-drop a PowerPoint file from your PC to your Pocket PC, the ActiveSync Converter in the IA Presenter will automatically convert the PowerPoint file to a special IA Presenter format for your Pocket PC, using the resolution you specify. The file will be placed in any folder on your mobile device where you choose to drag-and-drop it.



PowerPoint 97 or PowerPoint 2000 (or greater) is necessary for using IA Presenter's Desktop Converter.

There are two ways to open the "Set ActiveSync Conversion Options" dialog box:

- 1) Select **ATI Presentation Pack** from the *Start Menu*, and then **Set IA Presenter ActiveSync Conversion Options** from the submenu. The dialog box will open, establishing it as your default PowerPoint filter for your ActiveSync drag-and-drop operations. You can choose a dimension and then uncheck the *Show this option dialog box next time* checkbox (it is checked by default as shown in the figure above). If you uncheck it, the dialog box will not open whenever you drag-and-drop a file from your computer to your mobile device. Instead, the dimension you specified will be used during each conversion.
- 2) You can set the dimension each time you drag-and-drop a PowerPoint file from your computer to your mobile device. If the Show this option dialog box next time checkbox has not been un-checked, the IA Presenter "Set ActiveSync Conversion Options" dialog box will open automatically every time you drag-drop a PowerPoint file to your Pocket PC.

Choosing Dimensions for the Converted .IAP File

The conversion filter supports both PPT and PPS PowerPoint files. The conversion options are:

- **Pocket PC LCD Size – 320 x 240:** Select this option if you only want to display the presentation on the LCD screen of your Pocket PC. However, if you have tried the **320 x 240** button and then find that images on the Pocket PC screen have been "stretched" to fit the screen, and you do not want this effect, try converting again using the **User-defined** button. After selecting **User-defined**, enter **240** in the first box, and **320** in the second box.

If you want to prepare the file to project the presentation to a VGA screen or video monitor, select one of these options:

- **VGA – 640 x 480**
- **SVGA – 800 x 600**
- **User-defined:** If you do not want to use one of the pre-defined dimensions listed above, select the **User-defined** option and enter your own value in the fields.



XGA 1024 x 768 is not supported.

Opening a Presentation and Using View Modes

When you invoke IA Presenter, the first screen that appears lists all the converted PowerPoint presentations currently in your *My Documents* folder. Tap on the name of the file you want to load. You can then choose from the following view modes.

Normal View

Normal view allows you to view the current slide in the upper pane, while still able to navigate slides conveniently using the lower thumbnail pane. You can drag the Splitter Bar that divides the two panes up or down, to adjust the screen distribution above and below the splitter. The *Normal View* icon is located at the leftmost side of the Toolbar, as shown below. You can also use the stylus to pan the slide image in the upper pane to show the part covered by the lower pane. The splitter position will automatically be remembered across multiple application sessions, freeing you from having to adjust the splitter position again during the current IA Presenter session.

To display a different slide in the upper pane, simply tap on the desired thumbnail in the lower pane, or use the Slide Title Bar (unnamed slides will be represented by a number in the Slide Title Bar drop-down list). The lower thumbnail pane in Normal view provides slide navigation. If you want to select multiple slides for further operations, use the Slide Sorter view, as explained in the next section.

You can project the currently selected slide to VGA Display by activating the **VGA Slide Toggle** command on the View Menu, or by tapping the **VGA Slide Output Toggle** icon at the rightmost side of the Toolbar. To end the projection, select the command again to toggle it off.

Slide Sorter

Slide Sorter view fills the entire application space with either large or small thumbnails, depending on whether **Large Thumbnail** or **Small Thumbnail** is active on the View Menu. You can select:

- One slide by tapping on it, or
- Multiple adjacent slides by dragging your stylus over them, or
- If you select Multiple Select Mode on the Edit Menu, you can tap, drag, or a combination thereof, to select multiple slides that are separated.

Selected slides will be highlighted by a different border color.

You can project an individual slide to the VGA output by activating the **VGA Slide Toggle** command on the View Menu, or by tapping the *VGA Slide Output Toggle* icon at the rightmost side of the Toolbar. When you activate this function:

- If one slide is selected at the time you toggle the VGA Slide Output “on,” that slide will be output to the VGA Display.
- If multiple slides happen to be selected, the first selected slide in the sequence will be output to the VGA Display.

- If no slides are selected, there is no change to the current status of the VGA Display. That is, if an image is already displayed on the VGA Display, that image remains until you select a slide on your LCD screen for projection.

To end the projection and return to viewing the slide only on your mobile device's screen, just select the command again (or tap the icon a second time) to toggle it off.

Indicator Icons under Thumbnails

Under each thumbnail in Slide Sorter view mode, there may be various small icons displayed which indicate the status/attributes of the slide, as follows:



The transition icon indicates that a transition effect has been associated with the slide, and tapping the icon will “demo” the transition effect.



The shape icon indicates that the slide contains animated shapes.



If you assigned a transition delay-time to the slide in the *Automatically* field of the **Edit Menu > Slide Transition...** screen, the delay- time will be shown.



The slide number is always shown at the right. If the slide has been hidden using the **Hide Slide** command on the Edit Menu, the slide number will be enclosed in a red box with a line crossing it out.

Notes Page

Notes Page view displays the current slide content in the upper pane, with the lower pane displaying the speaker notes that were entered for the original PowerPoint presentation, or entered/edited in IA Presenter. The upper pane operation is the same as in Normal view. The lower pane is both a Notes display window and an editing window. After editing a Note, tap **OK** in the upper right corner to save it.

When in Notes Page view mode, you can project the currently-selected slide to VGA output by activating the **VGA Slide Toggle** command on the View Menu, or by tapping the **VGA Slide Output Toggle** icon at the rightmost side of the Toolbar. To end the projection and return to viewing the slide only on your mobile device screen, just select the command again to toggle it off.

Quick Notes

The **Quick Notes** command on the View Menu (and the *Quick Notes View* icon on the Toolbar) gives you a view mode that combines the thumbnail images of Slide Sorter view with the Notes pane of the Notes Page view.

When you tap on a thumbnail, a border around it indicates it is selected. You can also use the Up, Down, Left, or Right buttons on your mobile device to move the selection focus (or the Slide Title Bar, if you chose to display it).

The lower pane displays the Speaker Notes that were entered for the original PowerPoint presentation, or entered/edited in IA Presenter. The lower pane is both a Notes display window and an editing window. Tap in the lower pane to start editing a Speaker Note. The editing functionality is the same as for Notes Page view.

If the **Cut/Copy/Paste/Clear/Undo/Select All** commands are required for editing the text, press your stylus within the Notes pane to activate the pop-up editing menu. The Notes-editing operation can be undone by selecting the multiple-steps **Undo** command on the Edit Menu, pop-up menu, or Toolbar.

Slide Show

The **Slide Show** command on the View Menu starts a full screen Slide Show on the Pocket PC's LCD screen. (If you want to project the slide show to VGA output, you must use the **VGA Slide Show** command.) Before selecting Slide Show or VGA Slide Show, you should select **Set Up Show...** from the Tools Menu to set up the desired behavior for your slide show.

If the *Auto-Rotate* option is checked in the **Tools > Options > Display** tab, the slide will be automatically rotated according to the direction you choose (Left or Right).

Depending on the slide advancement setting specified in the Slide Transition dialog box, you can tap to advance the slide (or the next animated object); use the navigation (arrows) buttons of your Pocket PC to advance/ back play the slides; or, IA Presenter will automatically advance slides based on the number of seconds (delaytime) you set. Sound effects will also be played according to your assignment.

Pop-Up Menu for Slide Show Mode

If the *Show Pop-up-Menu Button* option is checked in the **Tools > Options > Display** tab, a small transparent icon will be shown in the upper left corner of the LCD screen. Tapping on the small icon will activate the Slide Show mode's pop-up control menu. If this option isn't checked, you can always tap-and-hold your stylus during Slide Show mode to activate the pop-up menu. The commands on the menu are explained below.

Next / Previous

Displays the next or previous slide, or next or previous animated object (if the animated object display was designed). Hidden slides won't be shown.

Go

The **Go** submenu allows you to jump to the **First Slide**, **Last Slide**, **Previously Viewed Slide**, or jump to any slide using **Navigate by Title**.

Trigger

If the **Trigger** mode is selected, the slide show will advance according to the mode you set using the **Tools > Set Up Show...** command or *Set Up Show* icon. For example, if you have specified to advance the slides manually, they will advance each time you tap on the screen. If the slide show is set to play automatically, you can use the pop-up menu to put it on pause or end it immediately. IA Presenter is set to Trigger mode by default.

Pen

Select the **Pen** command to enter Ink annotation mode. During the Ink annotation mode, you can use the stylus to mark or highlight the presentation elements on the screen. To exit the Ink annotation mode, select the **Trigger**, **VGA Pointer**, or **VGA Zoom** mode from the pop-up menu.

Use the **Pen Color** submenu to choose the Ink color, and use the **Pen Width** submenu to choose a thickness.

If Pen mode is active when you select **Blank** from the **Screen** submenu, you will be able to draw or write Ink annotation on the projected black screen. (The **Screen** submenu also lets you undo the most recent Ink stroke, or erase all of the Ink strokes.)

VGA Pointer

This mode works only when IA Presenter is in VGA Slide Show view. After you select the **VGA Pointer** command, your stylus movements on the LCD screen will simulate a laser pen light on the VGA screen during presentations. (To exit the **VGA Pointer** mode, select **Trigger**, **Pen**, or **VGA Zoom** from the pop-up menu.)

VGA Zoom

This mode works only when IA Presenter is in VGA Slide Show view. After you select the **VGA Zoom** mode, you will be able to specify a portion of the screen which will be projected to the VGA screen, and also a zoom ratio for that specific area. (To exit **VGA Zoom** mode, select **Trigger**, **Pen**, or **VGA Pointer** from the pop-up menu.)

The message that appears on your screen when you invoke VGA Zoom mode depends on the value that is currently selected on the **VGA Zoom Size** submenu. The message will either tell you to tap-and-drag your stylus to define an area yourself, or it will tell you to simply tap your stylus to create a zoom area of pre-defined size. You can specify the zoom ratio using the **VGA Zoom Ratio** submenu, accessed from the Slide Show pop-up menu.

Pen Color

Tapping **Pen Color** opens a submenu of available colors to use for your Ink annotation when in Pen mode. Select one of the available colors as the new pen color. The **Reset** command resets the pen color to the default White color.

Pen Width

Tapping **Pen Width** opens a submenu of available pen widths to use for your Ink annotation when in Pen mode. Select a thickness settings as the new pen width to be used for Ink strokes on the LCD screen (and projection to VGA output, if desired). The **1 Unit** option is the thinnest setting. Higher values give you thicker widths.

VGA Zoom Size

The **VGA Zoom Size** command opens a submenu of “zoom area” options. When you invoke **VGA Zoom** mode by selecting it on the pop-up menu, the current setting on the **VGA Zoom Size** submenu will be activated.

The **Quarter**, **Large**, **Medium**, **Small**, and **Tiny** settings on the submenu represent pre-defined areas. For example, if **Quarter** is selected, tapping on your LCD screen will automatically produce a rectangular area which is the size of one-quarter of your LCD screen (centered around the spot where you tapped).

The “zoom area” will be displayed on top of the already-existing projection of the entire slide on the VGA screen.

After the rectangular zoom area exists on your screen, you can drag it to any part of the screen you wish. It can also be converted to any of the other pre-defined sizes by pressing your stylus on the LCD screen to open the pop-up menu again, then selecting a different value from the **VGA Zoom Size** submenu. The size of the existing area will then be changed accordingly.

If you select **Drag Select** on the submenu, you will be able to drag your stylus on the LCD screen and freely define any area for zooming. After the desired area has been specified, you can drag it to any portion of the screen. You can also resize it by dragging any of its corners. To specify the zoom ratio for the projected zoom area, use the **VGA Zoom Ratio** command.

VGA Zoom Ratio

The **VGA Zoom Ratio** command opens a submenu of pre-defined “zoom ratio” options. When you invoke **VGA Zoom** mode by selecting it on the pop-up menu, the current setting on the **VGA Zoom Ratio** submenu will be activated.

Screen

The **Screen** submenu contains commands that allow you to pause a Slide Show (**Pause Auto Play**), project a blank screen (**Blank**), undo the most recent Ink stroke (**Clear Last Pen**), or erase all Ink strokes (**Clear All Pen**).

Pause Auto Play

If you have specified that you want slides to advance automatically after a specified number of seconds (using the **Set Up Show...** command on the Tools Menu or the *Set Up Show* icon on the Toolbar), you can select **Pause Auto Play** during the playing of a slide show to pause the show. When ready to continue the automatic progress of a slide show, tap **Resume Auto Play**.

Blank

When you select **Blank**, your LCD screen will become completely black, and the black screen will also be projected to your VGA screen. (After you have selected **Blank**, the command name changes to **Restore**. Tap **Restore** when you are ready to return to the slide that was previously displayed.)

Using the Blank Option with Pen Mode:

When the Blank option is active and IA Presenter is in **Pen** mode, you can write or draw digital Ink on the screen, and it will be output to the VGA device. In effect, this allows you to project an “electronic blackboard” which you might find useful when giving a presentation to an audience. Be aware that any Ink strokes you draw on the Blank screen will be lost when you exit Blank mode. They cannot be retained.

When IA Presenter is in **VGA Zoom** mode or **VGA Pointer** mode, the Blank option is not available.

Clear Last Pen

Erases the last individual Ink stroke. This command can be applied repeatedly until there are no more Ink strokes in the current slide.

Clear All Pen

Erases all the pen strokes on the current slide.

Speaker Notes

This command displays the current slide’s Note text (if any) in a pop-up window, with the slide number also shown, on top of the displayed slide. To advance the slide or object when the Speaker Notes window is shown, tap on the underlying slide. When you advance the slides, the Speaker Notes window remains open and interactively displays the Note text of the related slide. To close the Speaker Notes window, tap the “**X**” in the upper right corner.

End Show

This command terminates the Slide Show playback mode and returns to the mode you were using prior to entering Slide Show mode. The Action button on your Pocket PC can also be used to exit Slide Show mode.

VGA Slide Show

VGA Slide Show mode operates almost identically to the Slide Show mode, except for the following operational differences:

- You should use the *VGA Output* tab in the **Tools > Options...** command to set VGA output-related options. You can also elect to have IA Presenter perform dithering for your slide if you project your slide to an external VGA/video device with less color capability (such as only 256 colors available).
- During VGA Slide Show mode, the presentation output will be directed to both the Pocket PC's LCD screen and the external connected VGA device or video device. The Pocket PC will always show the reduced size version, while the VGA/video device will view the original matching dimensions set during ActiveSync conversion. Or if your current presentation has a dimension specified which is different from the exact dimension of your selected output dimension, IA Presenter will automatically re-size the slides to fit the output dimensions.
- The Ink annotation will be projected to both the VGA video device and the LCD screen.
- You can use **VGA Zoom** on the pop-up menu to designate an area on a slide during *VGA Slide Show* view, and project that specific area to the VGA screen (on top of the already-existing projection of the entire slide). Use the **VGA Zoom Size** command to specify an area of predefined size, or manually drag your stylus on the LCD screen to specify the desired area of the slide. Then use the **VGA Zoom Ratio** command to choose the ratio at which you want the zoomed area to be projected. After the "zoom window" has been created, it can be dragged to enclose other portions of the slide on your LCD screen, and this movement will also be reflected in the projected image on the VGA output.
- You can use the **VGA Pointer** command on the pop-up menu to enable movements of your stylus on the LCD screen to simulate a laser pen light on the VGA screen during VGA Slide Show presentations.
- In addition to being able to draw digital Ink annotation on your slides, you can project a black screen to the VGA output and write or draw projected Ink on it. To use Ink on the blank screen, make sure you are in *Pen* mode on the Slide Show pop-up menu before selecting **Blank** from the **Screen** submenu.


In addition, before a VGA Slide Show can be projected to a VGA screen, you must specify the appropriate settings. Select **Options...** from the Tools Menu, then tap *VGA Output*.

More information about the *General*, *File*, *Display*, and *VGA Output* tabs are included in the on-line Help.

Controlling Transition Effects

Any transition effects that were assigned in your original PowerPoint file will be retained when the IA Presenter Converter converts it to an **.iap** file on your Pocket PC.

However, IA Presenter also furnishes many attractive transition effects that can be assigned to the **.iap** file. You can assign a particular transition effect to an individual selected slide, or to all slides in the current file.

After you select one or more slides, tap **Slide Transition...** on the Edit Menu or the  icon on the Toolbar.

The Slide Transition screen will appear. In it, you can select a transition effect, a speed for the transition effect, method of slide advancement during a slide show, and associate a sound (**.wav** file) to a slide.

Merging Presentations

You can merge the slides of two different presentations into one file. The new inserted slides will adopt the Master Slide style of the current file. Therefore, you should first open the presentation whose Master Slide style you want to adopt to.

The next thing you should do is select **Options...** from the Tools Menu and open the *File* tab. Tap **OK** to close the tab and save the settings.

If you selected **To Current Selection** in the *File* tab as the insertion position, use your stylus to tap the desired insertion point in the current file (in Slide Sorter view). Or, select the slide after which you want the imported slides to be inserted.

Select the **Insert Slides From Files...** command from the Tools Menu. A listing of files will appear. Tap the name of the file whose slides you want to merge with the current file, and it will be done immediately. This command can be undone or redone (Edit Menu). You can also use **Save Presentation As...** (Tools Menu) if you wish to save a backup copy before you start the merge operation, if desired.

More information about the *General*, *File*, *Display*, and *VGA Output* tabs are included in the on-line Help.

IA Screen Mirror

IA Screen Mirror projects an exact emulation of your mobile device's screen contents (LCD display) onto a connected external VGA output device or television monitor via the Composite video or S-video terminals. It allows you to project and display multiple LCD screens on the VGA screen simultaneously, "freeze" them in the desired state, and maintain one as the active viewport. Flexible output control options let you control the allocation of CPU utilization, orientation, resolution, and color optimization/dithering of projected images.

Getting Started

Tap the *IA Screen Mirror* icon in your *Programs* group to start the *IA Screen Mirror* program.

- 1 Use the *Layout* tab to set up the viewports to which you will project images.
- 2 Use the *Switch* tab to assign a "switching" button on your mobile device.
- 3 Use the *Refresh* tab and *VGA* tab to customize other parameters as desired.
- 4 Tap **OK** to project the LCD screen contents onto the active viewport.
- 5 Start and operate the application you want to project ("foreground application").
- 6 To make adjustments to the settings, use the "switching" button on your mobile device to freeze the active viewport and return to the *IA Screen Mirror* control screens. Tap **OK** to continue the projecting.
- 7 Use the **Exit Program** button to terminate *IA Screen Mirror* entirely and stop projection to the VGA screen.

For more information please refer to the on-line Help.

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Web sites: <http://www.iastyle.com>

Product support: supportE@iastyle.com

Optional Functions

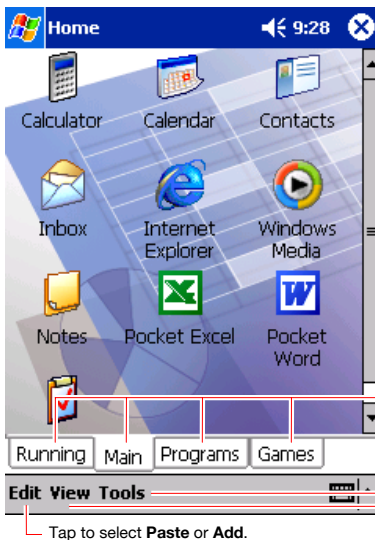
Home

You can launch the built-in or installed applications easily by tapping the icon displayed on the Home screen. You can also set to display a desired bitmap image on your screen background.

Launching an Application From the Home

Tap , **Programs**, and then **Home** to display the Home screen.

You can also launch the Home by pressing the Toshiba Pocket PC Home button.



For initial setting, the respective application icons are registered on three tabs: **Main**, **Programs** and **Games**. In the **Running** tab, active applications are displayed.

Tabs.

Tap to select **Tab Settings...** or **About**.

Tap to select **Large Icon**, **Small Icon** or **Text color...**

Tap to select **Paste** or **Add**.

Tap the desired tab, and then tap the application icon you want to launch. The selected application starts up.



Also, you can launch an application by moving the cursor button or scroller to select and pressing the center of the cursor button to confirm. You can add tabs up to a maximum of 10 kinds and icons up to 18 in a tab.

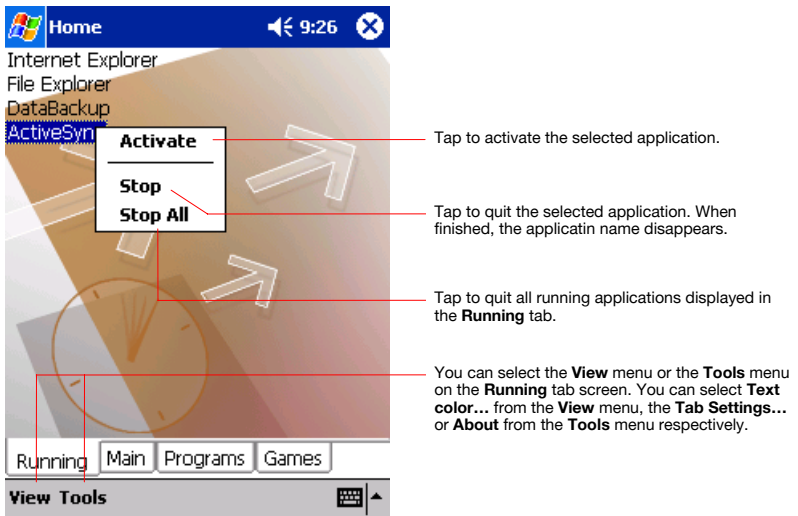
About Running

In the **Running** tab, the active application names are displayed.

The icons do not appear.

Application Activate/Stop:















Tap the application name you want to activate. You can also activate the application from the pop-up menu displayed by tapping and holding the application name.



You can show a pop-up menu by tapping and holding any portion other than the application names displayed in the **Running** tab. In this case, only the **Stop All** is selectable.

Display Icon List

The following list shows the tabs and icons for the initial setup.

Tabs	Icons	Applications
Running	—	—
Main		Pocket Internet Explorer
		Windows Media Player
		Notes
		Tasks
		Inbox
		Calendar
		Contacts
		Pocket Word
		Pocket Excel
		Calculator
Programs		File Explorer
		DataBackup
		Infrared Receive
Games		Solitaire

Moving an Application Icon into Another Tab

The moved icon is placed next to the last icon on the tab screen. You cannot move an icon into a tab which already contains 18 icons.

To move using pop-up menu:

Tap and hold the icon you want to move to display the pop-up menu.

Tap **Cut** on the pop-up menu.

Tap the destination tab, and then tap **Paste** on **Edit** menu. The selected icon is pasted on the screen.



*You can also select **Paste** from the pop-up menu displayed by tapping and holding any portion other than the icon.*

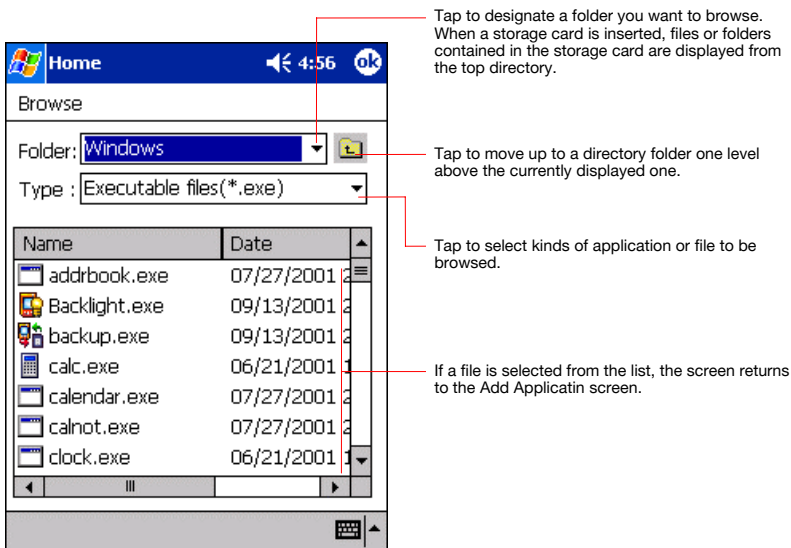
Deleting an Icon

- 1 Tap and hold the icon you want to delete to display the pop-up menu.
- 2 Tap **Drop** on the pop-up menu. The icon is deleted and the next icon positioned after the deleted icon automatically shifts to fill the deleted icon position. And all icons after the deleted icon likewise shift to fill the previous icon position.

Adding an Icon

You can add the application and your file icons to the Home screen.

- 1 Tap **Edit** and then **Add** to display the Add Application screen. You can also select **Add** from the pop-up menu displayed by tapping and holding any portion other than the icon.
- 2 Tap of Application file to show the file list. If there is no desired file on the file list, you can find it by tapping **Browse**. To refer to all folders and files, tap **Browse** to show the Browse Dialog screen. When the file is selected, its name is displayed in the Application file box.



- 3 Enter an icon name in the Application name box, which is to be displayed on the Home screen. You can enter up to a maximum of 32 characters.
- 4 When finished, tap **OK** to close the Add Application screen, and the new icon is added to the Home screen.



If the Application file is not designated, or if the Application name is not entered, you cannot add a new icon.

You cannot launch the icon added from the storage card, if the same card is not inserted in the Toshiba Pocket PC.

Tab Setting

You can set to add, delete or rename the tab on the Tab Settings screen. You can also set to display a desired bitmap image on your screen background.

To add a tab:

- 1 Tap **Tools** and then **Tab Settings** to display the Tab Settings screen.
- 2 Tap **Tab Settings** and then **New** to display a box to enter the new tab name.
- 3 Enter a new tab name. When finished, tap **OK** to return to the Tab Settings screen. You can enter up to a maximum of 10 characters.
- 4 Tap **OK** on the Tab Settings screen to return to the Home screen.

To delete a tab:

- 1 Tap **Tools** and then **Tab Settings**.
- 2 Select the tab name to delete, and then tap **Delete**, the Delete tab dialog for confirming appears. Please note that all the icons contained in the same tab will also be deleted.
- 3 Tap **OK** on the Delete tab dialog to delete the tab. When finished, the screen returns to Tab Settings screen.
- 4 Tap **OK** on the Tab Settings screen to return to the Home screen.



*You cannot delete the **Running** tab.*

To change the name of a tab:

- 1 Tap **Tools** and then **Tab Settings** to display the Tab Settings screen.
- 2 Select the tab name you want to change, and then tap **Rename**.
- 3 Enter a new tab name. When finished, tap **OK** to return to the Tab Settings screen. You can enter up to a maximum of 10 characters.
- 4 Tap **OK** on the Tab Settings screen to return to the Home screen.



*You cannot rename the **Running** tab.*

To change a background:

- 1 Tap **Tools** and then **Tab Settings** to display the Tab Settings screen.
- 2 Select the tab of which background you want to change.
- 3 Tap **Browse** to display the Browse dialog screen.
- 4 Tap the desired bitmap file from the list to return to the Tab Settings screen.
- 5 Tap **OK** on the Tab Settings screen to return to the Home screen.



If the selected file is not a bitmap file, you cannot set it on your screen background. The displayable range of the bitmap image on the Home screen is 240(W) x 246(H).

Text Color Setting:

You can set the color of application name for each tab using Text Color.

- 1 Tap the tab whose color you want to set to display the selected tab screen.
- 2 Tap **View** and then **Text Color** to display the color list.
You can set the color of the application name as desired.
- 3 Tap the color you want to set, and the color of the application name changes.

Home Help

Tapping an icon displayed at “Home” launches that application. In addition to applications, it is also possible to register icons for associated files here. The Home screen is divided into tabs. There are 4 tab types as default, and up to 10 types of tab can be registered. As for the icons on the tab, up to 18 icons per one tab can be registered.

A bitmap image can be used as the background for the tab screen.

(1).“Running” tab

The names of currently running applications are displayed at the “Running” tab.

Applications can be switched or quit here.

“Text Color” can be selected from the “View” menu, and “Tab Settings” and “About” can be selected from the “Tools” menu.

- To activate applications, tap and hold the name of the application you want to activate to, then tap **Activate** from the pop-up menu.
- To stop an application, tap and hold the name of the application you want to stop, then choose **Stop** from the pop-up menu. If **Stop all** is selected from the pop-up menu, all currently running applications are stopped.
- “Stop all” can also be selected by tapping and holding on the “Running” tab screen without selecting an application name.

(2).Launching applications

When an icon on the tab screen is tapped, the application or associated file registered at the icon is launched.

- Applications can also be launched by selecting them with the cursor button then pressing on the center of the cursor button.

(3).Switching the icon display

Tap on the **View** menu to display the current display settings. Current display settings are indicated by check mark at the left. To switch the display, select **Large Icon** or **Small Icon**.

(4).Icon settings

1. Moving icons (using the pop-up menu)

- 1 Tap and hold the icon you want to move on the tab screen.
- 2 When the pop-up menu appears, select **Cut** from the menu.
- 3 Tap on the tab to which you want to move the icon, then tap **Paste** from the **Edit** menu to move the icon and display it on the tab screen.
 - **Paste** can also be selected from the pop-up menu displayed when you tap and hold at a position on the screen other than on icon.
 - It is not possible to move icons to tabs already containing 18 icons. When an icon is moved, it is positioned at the very end of the tab's icons.

2. Deleting icons

- 1 Tap and hold the icon you want to delete. A pop-up menu appears.
- 2 Tap **Drop** from the pop-up menu to delete the selected icon from the tab screen.
 - When an icon is deleted, subsequent icons are all moved up one place.

3. Adding icons

- 1 Tap the tab to which you want to add an icon to select that tab.
- 2 Tap **Add** from the **Edit** menu to display the **Add Application** screen.
- 3 Tap the **Application file** box.
- 4 From the list, tap the application you want to add. To select a file not on the list, tap the **Browse** button, then select the file from the **Browse** dialog.
- 5 Input the name of the icon you want to add (up to 32 characters) in the **Application name** box.
- 6 Tap the **OK** button. The new icon is added.
 - Associated files can be specified for added icons.
 - If either one of **Application file** or **Application name** is not filled in, an icon can not be added.

4. Browse Dialog

- 1 Tap the **Folder** box to select the folder to be browsed.
- 2 Tap the **Type** box to select the type of file to be browsed.
- 3 The list of the files of the specified type and in the specified folder appears on the screen. Select the desired application or file or the bitmap image to be used as the background and tap it. The original screen reappears.
 - If a SD/CF card is inserted into the main unit when adding icons, icons of applications and files on the SD/CF card are also displayed on the browse screen. The folders and files on the SD/CF card can be displayed in the **Folder** box, beginning at the topmost level.
 - If an icon on a SD/CF card is added, that SD/CF card must be inserted when the icon is tapped or the file will not be launched.

(5).Tab settings

1. Switching tabs

Tap on another tab to switch the tab screen.

Initially four tabs are registered: **Running**, **Main**, **Programs** and **Games**.

2. Changing tab names

- 1 Select **Tab Settings** from the **Tools** menu. The **Tab Settings** screen appears.
- 2 Tap the **Select tab** box to select the tab to be changed.
- 3 Tap the **Rename** button. The screen for inputting the new tab name appears.
- 4 Input the new tab name (up to 10 characters) into the **Rename to** box.
- 5 Tap the **OK** button. The tab name is changed and the **Tab Settings** screen reappears.
- 6 Tap **OK** at the upper right to return to the Home screen.

3. Deleting tabs

- 1 Select **Tab Settings** from the **Tools** menu. The **Tab Settings** screen appears.
- 2 Tap the **Select tab** box to select the tab to be deleted.
- 3 Tap the **Delete** button. A dialog asking you to confirm you want to delete the tab appears.
- 4 Tap the **Yes** button. The tab is deleted and the **Tab Settings** screen reappears.
- 5 Tap **OK** at the upper right to return to the Home screen.
 - Note that when a tab is deleted, all the icons on that tab are also deleted.
 - **Delete** cannot be selected if there are only two tabs on the Home screen.

4. Adding tabs

- 1** Select **Tab Settings** from the **Tools** menu. The **Tab Settings** screen appears.
- 2** Tap the **New** button. An input screen appears.
- 3** Input the name you want to give the tab (up to 10 characters) into the **New tab** box.
- 4** Tap the **OK** button. The new tab is added and the **Tab Settings** screen reappears.
- 5** Tap **OK** at the upper right to return to the Home screen.

5. Setting the background bitmap

- 1** Select **Tab Settings** from the **Tools** menu. The **Tab Settings** screen appears.
- 2** Select the tab whose background you want to set at the **Select tab** box.
- 3** Tap the **Browse** button to display the **Browse** dialog.
- 4** Select and tap the bitmap image to be used as the background. The **Tab Settings** screen reappears.
- 5** Tap **OK** at the upper right to return to the Home screen.

6. Setting the text color

Different colors can be set for the application names at the different tabs.

- 1** Display the tab whose color you want to set, then select **Text Color** from the **View** menu.
- 2** Tap the color you want to set from the list of displayed colors. That color is set for the application names.

How to Make a Backup

You can make a backup of the Toshiba Pocket PC data to the SD/CF card. If you have backed up your data on the SD/CF card, you can restore that data in your Toshiba Pocket PC. You can also delete backup file data from the SD/CF card. Periodical data backup is recommended.

Data of the following three types can be backed up:

File: Includes a file created by Pocket Word, Pocket Excel, Notes, etc. or an additionally installed program and so on.

Registry: Setting information of Windows or a program.

Database: Database information of Microsoft Pocket Outlook.



*If you update ROM programs using special installation programs with a *.xip extension, do not use the backup data which you made before updating ROM programs.*

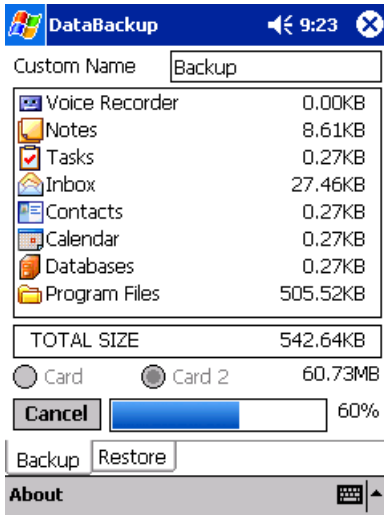
When using the DataBackup, beware of the remaining battery charge.

If you make a backup to the storage card by DataBackup Utility, please DO NOT remove the storage card nor DO NOT turn off the power of the device until the backup is completed.

If you restore the data from the storage card by DataBackup Utility, please DO NOT remove the storage card nor DO NOT turn off the power of the device until the restore is completed

Making a Backup

- 1 Insert a **CF Card** or a **SD Memory Card**.
- 2 Tap **Start, Programs**, and then **DataBackup** to display the DataBackup screen.
- 3 Set a **Custom Name**, if you want.
- 4 Select and tap **Card** or **Card 2**.
- 5 Tap **Backup** to display the Prompt message screen.
- 6 Tap **OK**. The Proceeding message is displayed during the backup process. When the backup is completed, a backup finished message appears.
- 7 Tap **OK** to return to the previous screen.



If the remaining storage card capacity becomes short during backup, the backup process stops. Check the storage capacity before starting the backup.

If the storage card is write protected, you cannot save the backup data. Cancel the write protection before starting the backup.

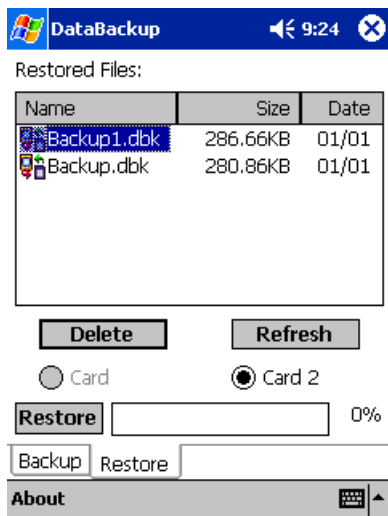
Carrying Out Restore Operation

To restore is to overwrite the backed up data from the storage card onto the main memory of your Toshiba Pocket PC. If the same file name exists in the main memory of your Toshiba Pocket PC, the file data is replaced with the backup data from the storage card. If files exist in the main memory but not in the backup file, they will not be overwritten.

- 1 Insert the storage card, which contains backup data into your Toshiba Pocket PC e740.
- 2 Tap **Start, Programs**, and then **DataBackup** to display the DataBackup screen.
- 3 Select **Restore** from tab, then select and tap **Card** or **Card 2**.
- 4 Select backup file from restored files list.
- 5 Tap **Delete** if want to delete backup file.
- 6 Tap **Refresh** if want to refresh Storage Card.
- 7 Tap **Restore** to display the Prompt message screen.
- 8 Tap **OK**. The Proceeding message is displayed during the restore process.

When the restore is completed, a restore finished message appears.

- 9 Tap **OK**. Your Toshiba Pocket PC e740 is reset and restarts automatically.



Data Backup Help

The backup function allows you to back up the data from the main unit on storage cards. The backed up data can be restored and deleted.

Before performing the backup or restore operation, check that there is enough space in the main unit's memory and on the storage card.

(1).Loading the storage card

- Make sure the main unit's power is off when loading and unloading the storage card.
- Insert the storage card in the designated card slot, making sure to do so in the proper direction.
- Save current data in the main unit's memory before backing it up on the storage card.

(2).Making backups

- 1 Select **DataBackup** from **Programs** in the **Start** menu.
- 2 Once the backup screen appears, tap the **Backup** tab.
- 3 Set a **Custom Name** if you want.
- 4 Tap **Card** or **Card 2** to work.
- 5 Tap the **Backup** button.
- 6 A message appears once backing up is completed.
- 7 Tap **OK** at the upper right to return to the previous screen.

(3).Restoring the data

Use this operation to restore the backup data stored on the storage card into the main unit. The data in the backup file is copied over the data in the main unit's memory.

- If a file with the same name already exists in the main unit's memory, its data is replaced with the data in the backup file.
 - Files in the main unit's memory not included in the backup file remain in the main unit's memory.
- 1 Select **DataBackup** from **Programs** in the **Start** menu.
 - 2 Once the backup screen appears, tap the **Restore** tab.
 - 3 Tap **Card** or **Card 2** to work.
 - 4 Select a backup file from the **Restored Files** list.
 - 5 Tap the **Restore** button.
 - 6 A message appears once the restore operation is completed.
 - 7 Tap **OK** button. The main unit is reset and restarted.

(4).Deleting a backup file



- 1 Select **DataBackup** from **Programs** in the **Start** menu.
- 2 Once the backup screen appears, tap the **Restore** tab.
- 3 Tap **Card** or **Card 2** to work.
- 4 Select a backup file from the **Restored Files** list.
- 5 Tap the **Delete** button. A message screen asking you to confirm that you want to delete the backup file appears.
- 6 Tap the **OK** button.
The backup data is deleted from the storage card and the previous screen reappears.


Chapter 12

Additional Information

Troubleshooting

Check the following guide for the possible cause of a problem and how to correct it.

Symptom	Cause	Correction
Even if the power button is pressed the power does not turn on.	The battery power is exhausted.	Charge the battery.
	The Main Battery or the High Capacity Battery Pack is not attached.	Attach the Main Battery/High Capacity Battery and switch the Battery Pack Lock to the Lock position.
	The Battery Pack Lock is at the Release position.	Switch the Battery Pack Lock to the Lock position.
The power was suddenly cut off.	The battery power is exhausted.	Charge the battery.
	Automatic suspend is active.	Select  , Settings, System, Power to set to alter the power shut down time.
Even if the battery is completely charged, it discharges after a short period of time.	The battery is extinct.	Replace the main battery with a new one.
The screen was tapped, but the correct action was not executed.	Touch screen adjustment is incorrect.	Select  , Settings, System, Screen, Align Screen to adjust the touch screen.

Symptom	Cause	Correction
The operation is slow in response.	Insufficient memory	Secure the free memory. Quit the application if it is not in use.
	Some malfunction	Reset the system. If no action is observed after resetting the system, initialise the system. (However, the data will be deleted.)
The screen was tapped, but there is no response. The operation button does not work either.	Some malfunction	Reset the system. If no action is observed after resetting the system, initialise the system. (However, the data will be deleted.)
The screen is dark.	The front light is off.	Press and hold the power button until the front light is turned on.
The screen is hard to see.	Brightness setting is incorrect.	Select  Settings, System, Front Light to adjust the screen brightness for better sight.
Cannot connect to your computer.	—	See Help of ActiveSync.
ActiveSync does not function when your Toshiba Pocket PC is connected to your computer with a cradle or USB cable.	The USB driver of your computer may not be compatible.	Reselect the USB driver.
Cannot access the Internet.	The connecting using a specified cellular phone connection cable was not correct.	Check whether the connecting using a specified cellular phone connection cable is correct.
	Radio waves of a connected cellular phone are getting worse.	Carry out communications where radio wave conditions are satisfactory.
	Setting is incorrect.	Carry out correct setting.

Symptom	Cause	Correction
Following message is displayed: “Not Enough Battery Power. There is not enough battery power to use USB Device”	The Battery power is too low to use USB devices.	Charge the battery or connect AC adapter.
	The total power consumption of connected USB devices is too large.	This USB port supports total 500mA USB device. Confirm connected USB device.
Following message is displayed: “USB OVER CURRENT DETECT USB device is turned off. Please disconnect USB device.”	The total power consumption of connected USB devices is too large.	This USB port supports total 500mA USB device. Confirm connected USB device. To enable USB port again, turn off the power of Pocket PC and push Reset Switch.

Symptom	Solutions
Cannot connect to the network	<ul style="list-style-type: none"> ■ Make sure the Wireless Communication Switch is turned on. ■ Check if the SSID is correct (note that it is case-sensitive) ■ Check Link Quality in Configuration Page. If the link quality is poor, rescan and find another Access Point. ■ Check if the operating mode is set properly. See Chapter 4, Configuration Page. ■ Check if the WEP key is correctly entered. ■ Be sure you are in the range of a working Access Point. ■ Make sure the channel been set is in the range of 1~11.
The host computer cannot wirelessly connect with my Pocket PC?	<ul style="list-style-type: none"> ■ Make sure you have setup the partnership for your Pocket PC and your host computer. ■ Make sure you are within the range of a working network. ■ Make sure you have entered the IP address of the host computer as the WINS server on your Pocket PC. ■ Reset your Handheld PC or Pocket PC to make the TCP/IP settings take effect. ■ Make sure the SSID, WEP keys and channel for all devices in the network are set the same. ■ Make sure the channel been set is in the range of 1~11.

Symptom	Solutions
Cannot edit the "Channel" and "Country" field in "Infrastructure" Mode?	In Infrastructure mode, country and channel are decided by the Access Point. You can only join the existing network formed by the working Access Point, not to create a new Wireless Network.
The Pocket PC freezes	■ Reset the Pocket PC.

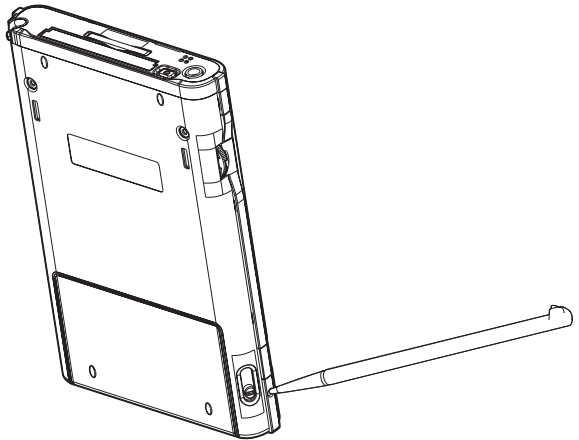
Resetting

Reset is equal to "Restarting" of a computer. Reset your Pocket PC when a button or tapping the screen does not respond. When your Toshiba Pocket PC is reset, all data that was not stored during operation will be deleted. Stored data will be saved.



If the function cannot be restored even if the reset button is pressed, initialize your Toshiba Pocket PC e740.

- When the power is on, press the reset button with the stylus, then release.



Initializing

When you initialize your Toshiba Pocket PC, it returns to the status when it was purchased.



When you initialize your Pocket PC, all data stored in the memory is deleted. Your Pocket PC's initially installed programs are not deleted. Before initialization, remove all storage cards.

- 1 Turn off the power.
- 2 Press the power button while pressing and holding the reset switch with the stylus, and then release the power button.
- 3 When a screen appears, release the reset switch. When initialization is completed, the Welcome screen appears. Set up the system according to the screen as in the case of startup procedure.

Specifications

External dimensions	Approximate 125 mm × 80 mm × 16 mm (L × W × H)
Weight	<ul style="list-style-type: none"> ■ 175g (Pocket PC only) ■ 189g (Pocket PC with Wireless LAN module) ■ 181g (Pocket PC with Bluetooth module)
Operating conditions	Temperature: 0°C (32°F) to 40°C (104°F), Humidity: 30 to 80% RH, when only the Toshiba Pocket PC is operating Temperature capable of charging: 5°C (41°F) to 40°C (95°F)
Battery	1000 mAh rechargeable Advanced Li-Ion battery with gas gauge
Processor	Intel Xscale PXA250
Action clock	400MHz
Memory	RAM: 64MB SDRAM with 32bit bus system RAM
Display	3.5", 240(w) x 320(H) dot, Reflective type Colour TFT LCD

Interfaces

CF card slot	Compact Flash type II slot 3.3V only with ejector x 1 (Dummy Card x1)
SD card slot	SD slot x 1 (Dummy Card x 1) Note: The security function of the SD memory card is not usable. Data encrypted by the SD memory card security function-compatible equipment is not usable.
Infrared port	Based on 115.2kbps SIR IrDA1.3 Maximum data transmission speed: 115 kbps
Stereo headphone jack	3.5mm stereo mini plug compatible
Cradle connection port	12Mbps USB Client interface 12Mbps USB Host interface, VGA Output
USB Host Interface	12Mbps USB Host interface
Analog RGB output	D-SUB, 15-pin VGA Output, 640X480, 16bit, 60Hz
<hr/>	
AC adaptor	Input power supply: 100–240V Rated output: 5V / 2A DC

Although the display is manufactured using an extremely high order of technology, there may be a case that some dots do not light or always light. It is not a malfunction.

FAQ about Wireless LAN

A. Compatibility

A1: Should I use equipment with the same brand as the IEEE802.11b WLAN Adaptor's to enable the wireless communication?

This is not necessary. IEEE802.11b WLAN Adaptor is Wi-Fi certified which means that it will work well with different branded equipment as long as the equipment is also Wi-Fi certified.

A2: Can I connect IEEE802.11b WLAN Adaptor to other devices using Bluetooth?

No, you can only connect the IEEE802.11b WLAN Adaptor to other IEEE802.11b equipment.

B. Wireless LAN Connectivity

B1: How do I form a wireless network?

Typically, you can form a wireless network by connecting Access Points. Different Access Points should have different channels. Every devices connected to the network should have the same SSID. When you are using Access Points, set the mode to "Infrastructure" mode. Without Access Points, you can still build a network where adaptors communicate peer-to-peer using a shared SSID. When you are not using Access Points, change the operating mode to be "802.11Ad Hoc". To set the operating mode, click Start > Settings > System > Wireless LAN Utility > Config.

B2: How can I connect my Pocket PC to the usable Wireless Network?

Please click Start > Settings > System > Wireless LAN Utility > Scan to view Scan Page where you can find the usable Wireless Network. If you cannot see all the networks you are expecting, please click “Rescan” to see the list of usable Wireless Networks. Choose one Wireless Network you want and double click the BSSID to connect to the network. Once the network is chosen, you need to configure the IEEE802.11b WLAN adaptor.

Click Start > Settings > Connections > Network Adaptors > IEEE802.11b WLAN Adaptor > Properties > IP Address to set IP address, Subnet mask and Default gateway settings. Click Start > Settings > System > Wireless LAN Utility to edit other settings, such as Mode and SSID etc. If the WEP Mode of the Wireless Network you selected is enabled (64bit or 128bit WEP Mode), please choose the proper WEP KeyID and the proper WEP Key value network.

More Information

- B4. What is 802.11 Ad Hoc Network? What should I do to form an 802.11 Ad Hoc Network? B5. What is the difference between “Infrastructure” and “802.11 Ad Hoc” Network Mode? How do I choose?
- B6. Could I use the 802.11 Ad Hoc Mode to access the LAN resources? How can I access the LAN resource without an Access Point?
- B7. What should I do if my host computer cannot wirelessly connect with my Pocket PC?
- E1. What is WEP? E2. How many WEP security service mode does Wireless LAN support?
- E3. How to set the WEP security service?

B3: How do I know whether or not my Pocket PC has already connected to an AP successfully?

- 1 Check BSSID. When there is a link, the current Basic Service Set ID of the Access Point been used will be shown in the BSSID field in Link Page. When the adaptor is disconnected with the Access Point, “Non-associated” will appear in the BSSID field. To view BSSID, from your Pocket PC, click Start > Settings > System > Wireless LAN Utility > Link.
- 2 Check Link Quality. Link Quality shows how clearly the adaptor can hear the Access Point. If the quality is poor, it’s better to rescan and find a better performance Access Point or re-arrange the AP’s position for better performance. To view Link Quality, from your Pocket PC, click Start > Settings > System > Wireless LAN Utility > Config.

B4: What is 802.11 Ad Hoc Network? What should I do to form an 802.11 Ad Hoc Network?

802.11 Ad Hoc Mode is used to create a peer-to-peer connection without an Access Point. The SSID must be the same among stations to enable the wireless communication within the local area network.



You need to choose a proper SSID and channel for the first 802.11 Ad Hoc station. For other stations want to join the same SSID group, you could only choose the same SSID as the first station for connection. The Channel setting for the 802.11 Ad Hoc Network stations to join the existing 802.11 Ad Hoc Network will automatically be set as the channel number of the network.

More Information

- B5. What is the difference between “Infrastructure” and “802.11 Ad Hoc” Network Mode? How do I choose?
- B6. Could I use the 802.11 Ad Hoc Mode to access the LAN resources? How can I access the LAN resource without an Access Point?
- B7. What should I do if my host computer cannot wirelessly connect with my Pocket PC?

B5: What is the difference between “Infrastructure” and “802.11 Ad Hoc” Network Mode? How do I choose?

Infrastructure Mode is used to connect your Pocket PC with the Access Point. Usually, to form a Wireless Network, you can connect your Access Point to the ADSL, Cable Modem or LAN Ethernet and then configure the Access Point base on the User Guide for the Access Point to set the proper SSID, Channel and WEP security service. After that, configure the IEEE 802.11b WLAN adaptor. Set the same SSID, Channel and WEP as the Access Point’s. 802.11 Ad Hoc Mode allows your Pocket PC to form its own local network where devices communicate peer-to-peer, using a shared SSID, without Access Points. Under 802.11 Ad Hoc mode, the SSID must be the same among stations so that the devices can communicate properly within the Wireless Network. If you want to form your network without any Access Points, you should choose 802.11 Ad Hoc mode.

B6: Could I use the 802.11 Ad Hoc Mode to access the LAN resources? How can I access the LAN resource without an Access Point?

Yes, you can access the LAN resources without an Access Point. Follow the steps shown below:

- 1 Make sure your host computer already successfully connect to the LAN or Internet through the LAN Adaptor or the Modem.
- 2 Install the Wireless LAN Adaptor into your Host computer successfully and set 802.11 Ad Hoc Mode and the proper SSID to form the 802.11 Ad Hoc Network. Install and enable the ICS (Internet Sharing Software, such as “SyGate”...) function in your host computer. (Note that the Windows 2K or later version, OS, supports the ICS function in Local Area Connection Properties? Sharing)

- 3 Set your Pocket PC as 802.11 Ad Hoc Mode and choose the same SSID to join the 802.11 Ad Hoc Network (choose the DHCP to get the IP assigned).
- 4 Check and make sure the Wireless LAN Adaptor in the 802.11 Ad Hoc Network have the same IP group. (Please Ping each other to make sure the connection is successful)
- 5 Now you can access the LAN resource successfully.

B7: What should I do if my host computer cannot wirelessly connect with my Pocket PC?

- 1 Make sure you have setup the partnership for your Pocket PC and your host computer.
- 2 Make sure you are within the range of a working network.
- 3 Make sure you have entered the IP address of the host computer as the WINS server on your Pocket PC.
- 4 Reset your Handheld PC or Pocket PC to make the TCP/IP settings take effect
- 5 Make sure the SSID, WEP keys and channel for all devices in the network are set the same.
- 6 Make sure the channel been set is in the range of 1~11.

C. Application

C1: What should I do to use the ActiveSync Function through Wireless Network?

- 1 Make sure you have already setup the partnership for your Pocket PC and your host computer through USB Interface and the ActiveSync can work properly. (The ActiveSync connection Interface should also choose the Ethernet interface for Wireless LAN ActiveSync Connection)
- 2 Make sure you are within the range of a working Wireless Network.
- 3 Make sure you can Ping your Pocket PC from your Host Computer. (Make sure the SSID, WEP keys and channel for all devices in the network are set the same.)
- 4 Make sure you have entered the IP address of the host computer as the WINS server on your Pocket PC.
- 5 Reset your Pocket PC to make the TCP/IP settings take effect and execute the ActiveSync function in the Pocket PC to enjoy the high speed ActiveSync Wirelessly.

C2: How do I wirelessly browse the Internet?

- 1 If your network uses DHCP (Dynamic Host Configuration Protocol), an IP address and DNS (or WINS) will be assigned automatically. On your Pocket PC, simply click Start > Setting > Connections > Network Adaptors > IEEE802.11b WLAN Adaptor > Properties to set the proper setting for Internet connection.
- 2 If your network does not use DHCP, you should enter the IP address, subnet mask, gateway and DNS (or WINS).

IP Address is Internet Protocol Address; a numeric address such as 10.37.238.100 that the domain name server translates into a domain name. Each node on the IP network should have a unique IP address.

Subnet mask is a number used to identify a subnetwork when multiple networks share one IP address. For example 255.255.255.0 Gateway is a device used to forward IP packets to and from a remote destination.

DNS stands for Domain Name System, a database system, which translates addresses and domain names. For example, a numeric address like 232.245.021.54 can become something like cba.com.

WINS stands for Windows Internet Naming Service which has two functions; one is a Microsoft Net BIO name server that eliminates the broadcasts needed to resolve computer names to IP addresses by providing a cache or database of translations. The other one is to set the IP address of the host computer that you already construct the partnership for Network adaptor Active sync purpose.

To set IP address, Subnet mask and Gateway, click Start > Settings > Connections > Network Adaptors > IEEE802.11b WLAN Adaptor > Properties > IP Address. To set DNS or WINS (Windows Internet Naming Service), click Start > Settings > Connections > Network Adaptors > IEEE802.11b WLAN Adaptor > Properties > Name Servers.

- 3 To ping your Pocket PC from your host computer. In the Host Computer, open the DOS command mode window, type the command "Ping" followed by the IP address, such as "Ping 140.124.40.112". If you can see the reply from this IP address, the connection is complete. You are now ready to browse the Internet using Internet Explorer on your Pocket PC.

C3: How do I wirelessly check my e-mail?

- 1 Please make sure that you can use the ActiveSync function through USB Interface at first, and make sure you can use the ActiveSync to receive and send e-mail successfully. For corporate e-mail received and sent, please check with your network administrator for necessary connection settings.
- 2 Make sure you have entered the IP address of the host computer as the WINS server on your Pocket PC.
- 3 Reset your Pocket PC to make the TCP/IP settings take effect and execute the ActiveSync function in Pocket PC to enjoy the high speed ActiveSync Wirelessly to receive and send e-mail.

D. Settings

D1: What is SSID? What should I set in the SSID field?

SSID stands for Service Set Identification, which is the ID to form the Wireless Network. You can set up to 32 characters in the SSID field. For the Infrastructure Mode, you should set the SSID the same as the Access Point been connected with. To create a 802.11 Ad Hoc Network, the SSID must be the same among stations to enable the wireless communication within the local area network.



You need to choose a proper SSID and channel for the first 802.11 Ad Hoc station. For other stations want to join the same SSID group, you could only choose the same SSID as the first station, but the channel will not take effect. The 802.11 Ad Hoc must enter the proper SSID. Blank SSID for the 802.11 Ad Hoc Mode is not allowed. The stations want to join the 802.11 Ad Hoc Network must have the same SSID and are suggested to have the same IP Address in the Network group.

D2: Why can't I choose the "Channel" and "Country" field in "Infrastructure" Mode?

For the Infrastructure Mode, the Country and Channel are decided by the Access Point. You can only join the existing Access Point formed Wireless Network but not create a new Wireless Network. That is the reason why you can't set the "Channel" and "Country" settings.

D3: When should I set the IP address, Subnet mask and Default gateway settings?

When the Wireless Network does not have the DHCP server, you should set your own IP address, Subnet mask and Default gateway for Wireless Network connection. Otherwise, the OS might set the different Network group IP address for you, which will cause the disconnection for the Wireless Network.

D4: How can I set the IP address, Subnet mask and Default gateway settings?

Simply click Start > Settings > Connections > Network adaptor > IEEE802.11b WLAN Adaptor > Properties > IP Address to set IP address, Subnet mask and Default gateway settings.

D5: What Transmit Rate should I choose for Wireless Connection?

Suggest you to use the "Fully Auto" option in the "Transmission Rate" field for full Transmission Data Rate range to automatically adjust the Best Communication Data Rate and to be compatible with other Low speed 802.11 Wireless Device.

E. Security

E1: What is WEP?

WEP stands for Wired Equivalent Privacy, a security service, used to prevent the unauthorized access to your wireless network.

E2: How many WEP security service modes does my Wireless LAN support?

WEP stands for Wired Equivalent Privacy that is the security service for the Wireless Network. There are three WEP security service modes available for "IEEE 802.11b WLAN Adaptor" formed Wireless Network. The first is "Disable" which will disable the WEP security service; the second is "64bit" which will support 5 bytes Hexadecimal value WEP security service; the third is "128bit" which will support 13 bytes Hexadecimal value WEP security service.

E3: How do I set the WEP security service?

Please click Start> Settings> System> Wireless LAN Utility> Advanced to view Advanced page where you can set the WEP security service. Please choose the proper WEP Key Mode, WEP KeyID and WEP Key value for the Wireless Network.



The WEP Mode, WEP KeyID and WEP Key value must be exactly the same as your Wireless Network's to enable the connection. Example of setting the WEP:

You can choose:

- 1. WEP Mode "64bit", KeyID "1" and Key "1234567890", or*
- 2. WEP Mode "128bit", KeyID "1" and Key "12345678901234567890123456", or*
- 3. WEP Mode "Disable" for connection*

F. Performance

F1: Will IEEE802.11b WLAN Adaptor work in the environment where Bluetooth network is employed?

Yes, IEEE802.11b WLAN Adaptor can coexist with Bluetooth environment.

F2: How far is the working range of IEEE802.11b WLAN Adaptor?

It depends on the data transmission rate and the condition of the environments. The higher the data rate, the smaller the range it could cover. At 11 Mbps, the adaptor can go up to 300 meter in an outdoor environment; however, in an indoor environment, it can only go up to 100 meter. Because of the ceilings, higher RF interference, interior walls and reflected signals, indoor range is usually shorter than outdoor range.

F3: How does the data transmission rate work?

IEEE802.11b WLAN Adaptor allows you to choose one of the six data rate options: Fixed 1Mbps, Fixed 2Mbps, Fixed 5.5Mbps, Fixed 11 Mbps, Auto Select 1 or 2 Mbps, and Fully Auto.

The farther the distance between two communicating devices, the slower the data rate should be used. Basically, with slower data rate, the data delivery will be more reliable. If you don't know which data rate should be used, simply choose "Fully Auto", and the data rate will automatically step down from 11 Mbps, 5.5 Mbps, 2 Mbps, to 1 Mbps if you move farther your Pocket PC away from the Access Point or other connected mobile device.

F4: The Wireless LAN uses lots of power. What should I do to save power?

- 1 Please turn off the Wireless Communication Switch if you are not using the Wireless Network currently, or
- 2 You can click the "Radio Off" button on Start > Settings > System > Wireless LAN Utility > Config page to temperately disable the RF function , or
- 3 You can click Start > Settings > System > Wireless LAN Utility > Advanced to get into Advanced Page and tick the "Enable Power Saving Mode" to enter the Power Saving Mode.



1. *Turn off the Wireless Communication Switch will cause the disconnection of the Wireless Network, please make sure to close all the Wireless Connection before you execute this function.*
2. *"Radio Off" function will cause the disconnection of the Wireless Network , please make sure to close all the Wireless Connection before you execute this function.*
3. *Enable "Power Saving Mode" will keep the connectivity but will lower down the average throughput due to longer connection period for the Wireless Network.*
4. *If you are in 802.11 Ad Hoc Mode, you are not allowed to enable "Power Saving Mode", because Ad Hoc Mode doesn't support this function.*

F5: How do I make sure that the Wireless LAN SW has been installed successfully and that Wireless LAN already work properly?

- 1 Please check if the "IEEE 802.11b WLAN Adaptor" already exist in Start > Settings > Connections > Network Adaptors; if not, the Wireless LAN Driver is not Installed successfully.
- 2 Please check if the Wireless LAN Utility already exist and could be opened successfully by simply click Start > Settings > System > Wireless LAN Utility.
- 3 Click Start > Settings > System > Wireless LAN Utility > Link to check the current Link information in the Link Page.