

BenQ P50 PDA Phone User's Manual

Welcome

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Sidebar Signs



Text set off in this manner indicates a note. A note will elaborate the current topic with further information or mention something a little off topic.



Text set off in this manner indicates a warning. Failure to follow the said warning could result in damage to equipment or loss of information.



Text set off in this manner indicates a tip. A tip will recommend an action which helps you better use the product.

Safety Information

For your safety, please read the guidelines below carefully before you use your phone:

Exposure to radio frequency signals

Your wireless handheld portable telephone is a low power transmitter and receiver. When it is ON, it receives and also sends out radio frequency (RF) signals.

European and international agencies have set standards and recommendations for the protection of public exposure to RF electromagnetic energy.

- International Commission on Non-Ionizing Radiation Protection (ICNIRP) 1996
- Verband Deutscher Elektrikingenieure (VDE) DIN- 0848
- Directives of the European Community, Directorate General V in Matters of Radio Frequency Electromagnetic Energy
- National Radiological Protection Board of the United Kingdom, GS 11, 1988
- American National Standards Institute (ANSI) IEEE. C95.1- 1992
- National Council on Radiation Protection and Measurements (NCRP). Report 86
- Department of Health and Welfare Canada. Safety Code 6

These standards are based on extensive scientific review. For example, over 120 scientists, engineers and physicians from universities, government health agencies and industry reviewed the available body of research to develop the updated ANSI Standard.

The design of your phone complies with these standards when used normally.

RF Exposure Information (SAR)

This model phone meets the government's requirements for exposure to radio waves.

This phone is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government.

The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6W/kg. *Tests for SAR are conducted using standard operating positions accepted by the FCC with the phone transmitting at

its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output.

The highest SAR value for the model phone as reported to the FCC when tested for use at the ear is 0.449 W/kg (GSM850) / 0.282 W/kg (PCS1900) / 0.475 W/kg (WLAN) and when worn on the body, as described in this user guide, is 0.642 W/kg (GSM850) / 0.784 W/kg (PCS1900) / 0.16 W/kg (WLAN). (Body-worn measurements differ among phone models, depending upon available enhancements and FCC requirements.)

While there may be differences between the SAR levels of various phones and at various positions, they all meet the government requirement.

The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this model phone is on file with the FCC and can be found under the Display Grant section of <http://www.fcc.gov/oet/fccid> after searching on FCC ID: JVP57P50.

For body worn operation, this phone has been tested and meets the FCC RF exposure guidelines for use with an accessory that contains no metal and the positions the handset a minimum of 1.5 cm from the body. Use of other enhancements may not ensure compliance with FCC RF exposure guidelines. If you do not use a body-worn accessory and are not holding the phone at the ear, position the handset a minimum of 1.5 cm from your body when the phone is switched on.

Antenna care

Use only the supplied or approved replacement antenna. Unauthorized antennas, modifications or attachments may damage the phone and violate FCC regulations.

Phone operation

Normal Position: Hold the phone as you would any other telephone with the antenna pointed up and over your shoulder. For your phone to operate most efficiently, do not touch the antenna unnecessarily when the phone is in use. Contact with the antenna affects call quality and may cause the phone to operate at higher power level than otherwise needed.

Batteries

All batteries can cause property damage, injury or burns if a conductive material such as jewelry, keys or beaded chains touches exposed terminals. The material may complete electrical circuit and become quite hot. To protect against such unwanted current drain, exercise care in handling any charged battery, particularly when placing it inside your pocket, purse or other container with metal objects. When battery is detached from the phone, your batteries are packed with a protective battery cover; please use this cover for storing your batteries when not in use.

Driving

Check the laws and regulations on the use of wireless telephones in the areas where you drive. Always obey them. Also, if using your phone while driving, please:

- Give full attention to driving--driving safety is your first responsibility.
- Use hands-free operation, if available.
- Pull off the road and park before making or answering a call if driving conditions so require.

Electronic devices

Most modern electronic equipment is shielded from RF signals. However, certain electronic equipment may not be shielded against the RF signals from your wireless phone.

Pacemakers

The Health Industry Manufacturers Association recommends that a minimum separation of six (6") inches be maintained between a handheld wireless phone and a pacemaker to avoid potential interference with the pacemaker. These recommendations are consistent with the independent research by and recommendations of Wireless Technology Research.

Persons with pacemakers:

- Should ALWAYS keep the phone more than six inches from their pacemaker when the phone is turned ON.
- Should not carry the phone in a breast pocket.
- Should use the ear opposite the pacemaker to minimize the potential for interference.

- If you have any reason to suspect that the interference is taking place, turn your phone OFF immediately.

Hearing Aids

Some digital wireless phones may interfere with some hearing aids. In the event of such interference you may want to consult your hearing aid manufacturer to discuss alternatives.

Other medical devices

If you use any other personal medical device, consult the manufacturer of your device to determine if they are adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this information.

Turn your phone OFF in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

Vehicles

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles. Check with the manufacturer or its representative regarding your vehicle. You should also consult the manufacturer of any equipment that has been added to your vehicle.

Posted facilities

Turn your phone OFF in any facility where posted notice so requires.

Aircraft

FCC regulations prohibit using your phone while in the air. Switch OFF your phone, or change to the Flight mode before boarding an aircraft.

Blasting areas

To avoid interfering with blasting operations, turn your phone OFF when in a “blasting area” or in area posted “TURN OFF TWO-WAY RADIO.” Obey all signs and instructions.

Potentially explosive atmospheres

Turn your phone OFF and do not remove the battery when in any area with a potentially explosive atmosphere and obey all signs and instructions. Sparks, from your battery, in such areas could cause an explosion or fire resulting in bodily injury or even death. Areas with a potentially explosive atmosphere are often, but not always clearly marked. They include fueling areas such as gasoline stations; below deck on boats; fuel or chemical transfer or storage facilities; vehicles using liquefied petroleum gas (such as propane or butane); areas where the air contains chemicals or particles, such as grain, dust, or metal powders; and any other area where you would normally be advised to turn off your vehicle engine.

For vehicles equipped with an air bag

An air bag inflates with great force. DO NOT place objects, including both installed or portable wireless equipment, in the area over the air bag or in the air bag deployment area. If in-vehicle wireless equipment is improperly installed and the air bag inflates, serious injury could result.

FCC information

This mobile phone complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This mobile phone 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 radiated 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.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

European Union Directives Conformance Statement

This device complies with the OJ-Directive as below:

Electromagnetic Compatibility Directive (89/336/EEC), Low Voltage Directive (73/23/EEC)

And R&TTE Directive (99/05/EEC).



And also complies with the standard:

3GPP TS 51.010-1

EN 301 511

EN 50360/ EN 50361

ETSI EN 301 489-1/-7

EN 60950

ETSI EN 300 328 & ETSI EN 301 489-17 (Bluetooth)

Disposal of Waste Electrical and Electronic Equipment (Applicable in the European Union and other European countries with recycling systems)



This symbol on the product or on its packaging indicates that this product shall not be treated as household waste. Instead it shall be handed over to the applicable take-back scheme for the recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. The recycling of material will help to conserve natural resources. For more detailed information about recycling of this product, please contact your local BenQ office.

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1 Phone exterior

Front view



Description of the indicators

Indicator	Color	Lighting Behavior	Description
Power indicator	Red	Flash	Indicates that a new event (new message, a new missed call, system warning..., etc.) occurs (indicated by the appearance of certain icons on the Navigation bar)
		On	Charging in progress.
	Green	Flash	The PDA phone is in stand-by mode.
		On	Charging is complete.
	Orange	On	The battery is completely drained.
Network indicator	Green	Flash	Indicates that the WLAN function has been enabled.
	Blue	Flash	Indicates that the Bluetooth function has been enabled.
	Green/Blue	Alternating Flash	Indicates that the WLAN and Bluetooth functions have both been enabled.

Top view

Power Button

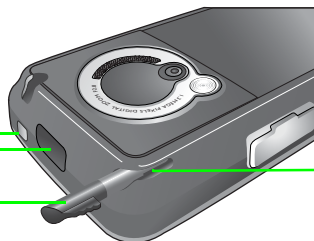
Press to power on/off
Long press to turn off/turn on backlight

Infrared Window

Sends and receives infrared signals

Stylus

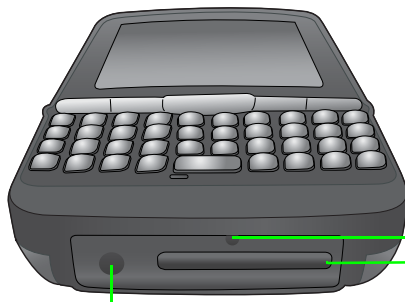
Device for tapping and writing on the touchscreen



Stylus Housing

Storage area for stylus

Bottom view



Reset Button

Insert a pin into the recess to trigger the reset button

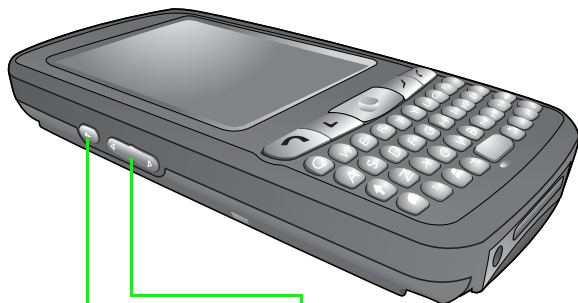
SD Card Slot

Allows you to insert an SD memory card

Battery Charger Socket

Insert the battery charger plug here

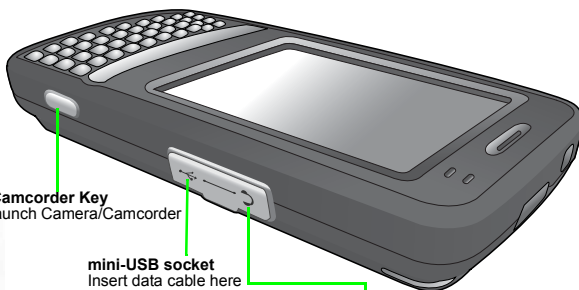
Left-side view



Audio Recorder Button
Press to record audio

Sound Level Buttons
Press to adjust speech and device volume levels

Right-side view

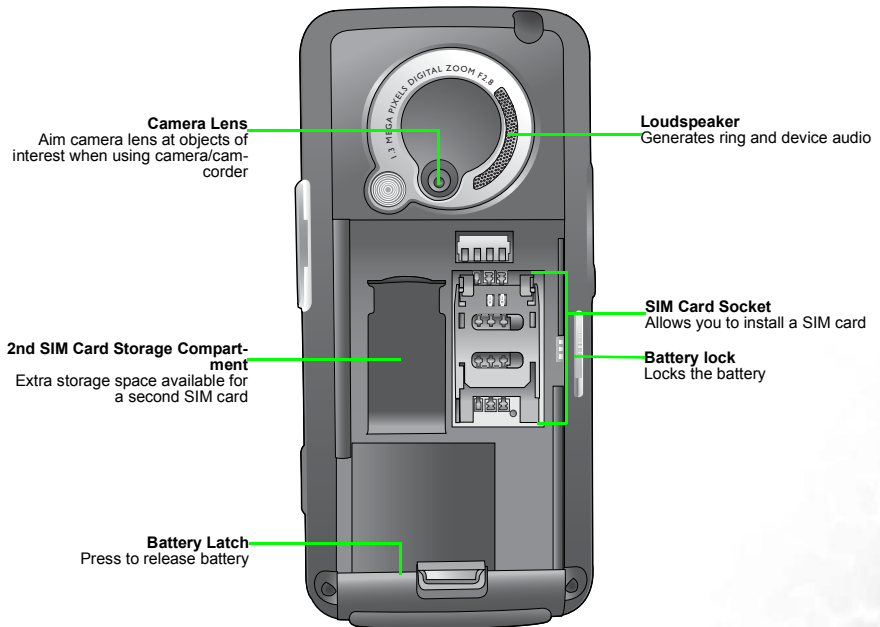


Camera/Camcorder Key
Press to launch Camera/Camcorder

mini-USB socket
Insert data cable here

Headset Jack
Allows you to connect to a headset

Rear view

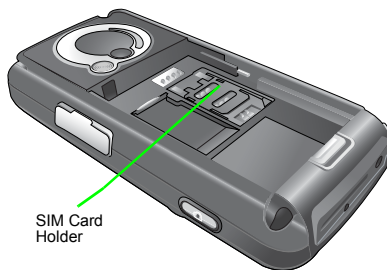


2 Hardware setup

SIM card installation

You can obtain a SIM card from a mobile phone service provider when you sign on as a subscriber. When you insert a SIM card into your PDA phone, you can begin using it to place and receive phone calls. Please follow the instructions below to insert a SIM card into the phone.

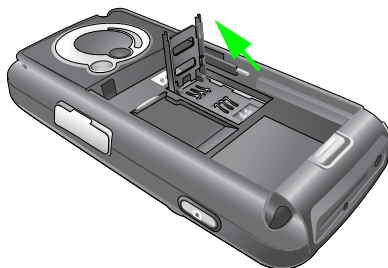
1. Locate the SIM card holder.



2. Push the SIM card holder in the direction of the arrow (as shown in the figure to the right) to unlock it.



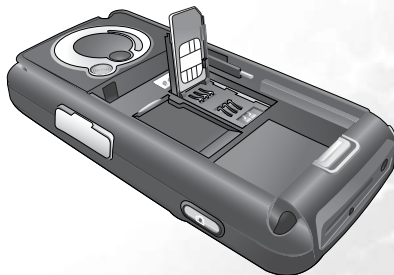
3. Pick and raise the SIM card holder up in an upright position.



4. Hold the SIM card over the SIM card holder ready for insert. Make sure you hold the SIM card so that the side with the metal contacts will face down when you close the SIM card holder. (See the figure to the right for reference.)



5. Insert the SIM card into the SIM card holder. Make sure it goes in completely.

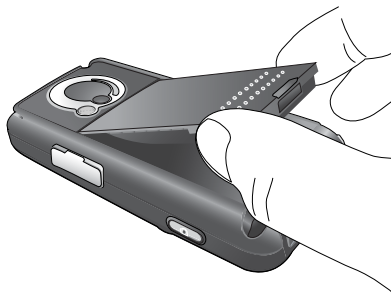


6. Lower the SIM card holder with the SIM card in it to close it. Push the SIM card holder in the direction of arrow (as shown in the figure to the right) to lock it.



Battery installation

1. The battery goes into the battery compartment in the back of the phone. Slip the battery into the battery compartment top edge first.

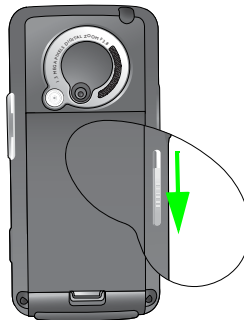


2. With the top half in position, push down the remaining battery into the compartment. The battery latch will click to secure the battery in place.

3. Slide the battery lock to the lock position.



The battery lock must be in the lock position in order that the phone can charge or power ON.



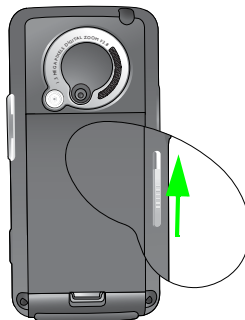
Removing the battery

1. We suggest you to power off the PDA phone before you remove the battery.

2. Slide the battery lock to the unlock position and you will hear a beep sound.



The battery lock must be in the unlock position in order that the battery can be removed.



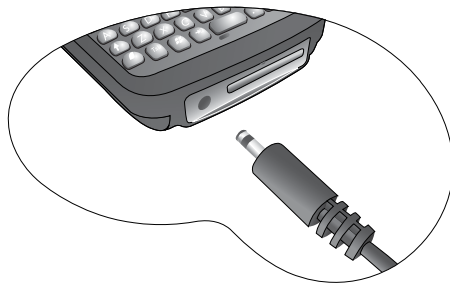
3. Meanwhile, a warning picture appears on the screen of your PDA phone.



4. Then remove the battery.

Battery charging

1. Connect the one end of the charger cable into the PDA phone and the other into a wall power outlet to begin charging.



2. Disconnect the charger cable when charging completes.



- **Before using the battery for the first time, make sure that it is charged for at least eight hours to prolong its lifetime.**
- **It takes at least one charging-discharging cycle for the battery to reach its peak performance.**
- **You can also charge your phone using the USB data cable while it's connected to the PC as an alternative to using the charger cable.**



- **To avoid possible damage to the battery, please make sure that the battery is unlocked when inserting or removing it.**
- **Keep the phone in normal room temperature while charging. For safety precautions, when the phone temperature is above 55 or below 0 degree Celsius it will automatically stop charging temporarily.**
- **There is a backup battery inside the phone which you can't see. This backup battery allows your phone to keep data stored in RAM intact when you remove the battery temporarily (for example, to change SIM cards). If you remove your phone battery for over 30 minutes the data stored in RAM may be deleted.**



- **Don't remove the battery when charging, or it may cause hard reset.**



- **Please make sure that the battery lock is set to the lock position while charging.**

Startup

First time startup

After you have installed the battery and finished charging it, you are ready to power ON your PDA phone. The first time you power ON the phone, you will be guided through a series of setup screens. Follow the steps below to start up your phone and complete the initial setup.

1. With the battery lock in the lock position, press the power button to power ON the phone.
2. Wait for the phone to boot up with the BenQ splash screen accompanied by the welcome sound.
2. On the Windows Mobile screen, tap the stylus anywhere on the screen to proceed.
3. On the 'align screen', aim and tap the stylus precisely on the cross-hair object. The cross-hair object will move around the screen several times until the screen is aligned. Each time the cross-hair object moves to a new location, aim and tap on it.
4. Tap 'Next' to move to the next screen.
5. Tap and hold the 9 A.M. time slot to bring up a pop-up menu. Select 'Cut' from the pop-up menu.
6. Tap and hold the 11 A.M. time slot to bring up a pop-up menu. Select 'Paste' from the pop-up menu. Tap 'Next' to continue.
7. Select the time zone of your local area and tap 'Next'.
8. Tap anywhere on the final screen to exit setup.

Using the stylus


The stylus works like a mouse to a PC. You can use the stylus to point and click various objects on the screen. The following are basic stylus techniques you should learn in order to efficiently operate your PDA phone.

- **Tap** - Touch the screen once with the stylus to open items and select options.

- **Drag** - Hold the stylus on the screen and drag across the screen 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. Before a pop-up menu appears, you will see a blue circle of dots to notify you of where on the screen you are pressing. On the pop-up menu that appears, tap the action you want to perform.

Sleep mode


Once the PDA phone is on, you can press the power button to put it in sleep mode. During sleep mode, the screen shuts off and the system stands by for incoming phone calls or user input. Pressing the power button will switch ON the phone again.

 **Please note that your PDA phone needs about 5 seconds to finish the booting procedure. If you want to switch the power off right after you power it on, please wait for 5 seconds to power off your PDA phone.**

Deep Sleep mode

The PDA phone will go into deep sleep mode under two situations:

1. The battery lock is not slid to the lock position. The battery is not locked.
2. The battery capacity is low.

 **The PDA phone will automatically go into sleep mode if it is inactive for 1 minute. You can also customize the length of inactivity before sleep mode.**

Soft reset

A soft reset restarts the PDA phone but does not erase any program data or system settings.

To perform a soft reset:

1. Locate the recessed Reset button at the bottom of the phone.
2. Insert the stylus into the recess to trigger the Reset button. Hold the Reset button down until the screen fades off.
3. Release the stylus from the Reset button to restart the phone.

Hard reset

A hard reset restarts the PDA phone and erases all program data and system settings.



After a hard reset, your phone returns to its default settings and loses all information that is not recorded in ROM.

To perform a hard reset:

1. Locate the recessed Reset button at the bottom of the phone.
1. Press and hold down the Power button.
2. Without removing the Power button, insert the stylus into the recess to trigger the Reset button. Hold down both the Power button and the Reset button until the screen fades off.
3. When the screen has faded off completely, release both the Power button and the stylus.
4. You will notice the Power indicator light up green, at this point, press the Power button to turn ON the PDA phone.

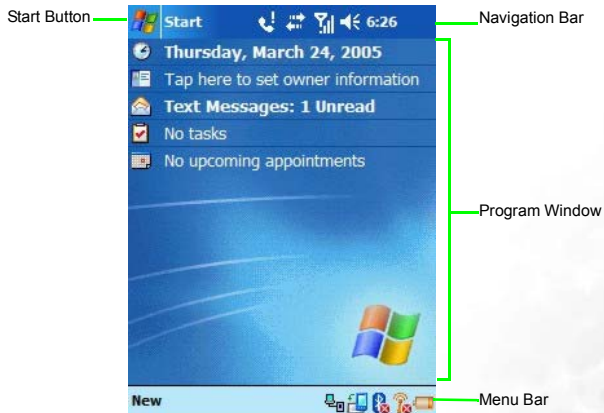
4 Today screen

Today screen

The **Today** screen is the home screen of your PDA phone. You will enter the **Today** screen after you've completed the first-time startup procedure. You can use the **Today** screen to view the following information:

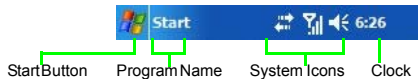
- Date and time
- Owner's information
- Unread and unsent messages
- Upcoming appointments
- Tasks that need to be completed

The follow figure shows the various components on the screen.



Navigation bar

The navigation bar is located at the top of the screen. It contains the **Start** button, various system icons, the clock, and (if you have an application open) the 'OK' or 'X' button to close the application window. The following figure shows the various components of the navigation bar.



The following describe some of the icons on the navigation bar.

Icon	Meaning
	Adjust the sound on your phone or the sound of your ring tone.
	Backup battery is low.
	Main battery is charging.
	Main battery is low.
	Main battery is very low.
	Main battery is full.
	Notification that one or more MSN instant messages were received.
	Notification that one or more e-mail or SMS messages were received.
	ActiveSync is active.







Menu bar

The menu bar is located at the bottom of the screen. It contains menu names (related to the currently opened application), the Input Panel (if the currently opened application requires text input), and several indicator and shortcut icons such as Wireless LAN, Blue-

tooth, rotate, battery life indicator, USB cable connection. The following figure shows the various components of the menu bar.

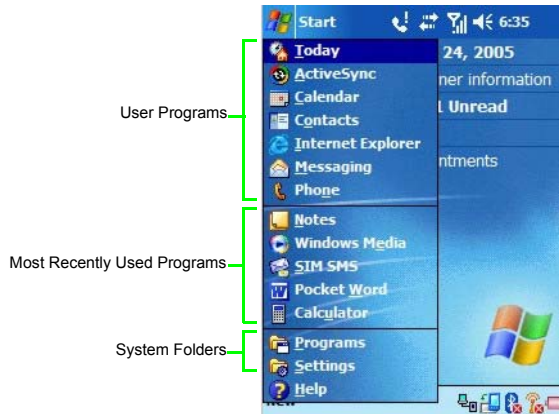


The following describe some of the icons on the menu bar.

Icon	Meaning
	Indicates that the USB data cable is connected between the phone and PC.
	Tap this icon to rotate the screen counter-clockwise.
	Indicates Bluetooth connection status (the red X indicates Bluetooth is currently off).
	Indicates wireless LAN connection status (the red X indicates wireless LAN is currently off).
	Indicates battery status.
	Indicates that an alarm clock has been set. You can also tap this icon to set alarm.

Start button

The **Start** button is located on the navigation bar. When you tap the **Start** button, the **Start** drop-down menu appears showing a list of applications and utilities. The figure below shows the various components of the **Start** menu.



You can customize which applications appear on the **Start** menu by changing the values in **Settings**. Please see Chapter 11 'Settings' for further information.

5 Input methods

The PDA phone has a number of input method choices to choose from. When using the phone function, simply use the QWERTY keyboard to enter the phone number then press the **Send** key. When using an application that supports text input, you have the option of using the QWERTY keyboard or choosing from a number of ‘soft’ input methods from the Input Panel to enter typed text. The stylus is available as a point and click device for navigation. Finally, you can use the stylus to handwrite or make drawings (for certain applications that support this) and have the results saved as graphics. For example, in the **Notes** application, you can literally scribble notes on the touchscreen and save it to a file.

Entering typed text

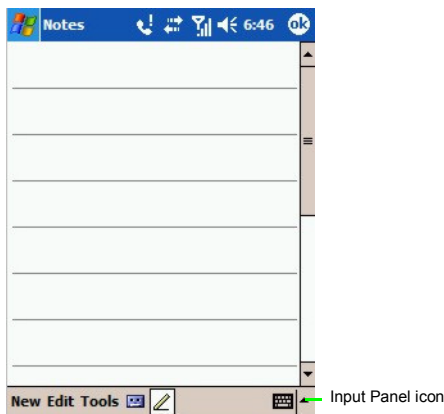
When you need to enter typed text into an application you can do so either with the QWERTY keyboard or one of the input methods provided by the Input Panel. The Input Panel is an icon on the menu bar when you open an application that supports text input.

Using the QWERTY keyboard

The QWERTY keyboard allows you to enter text conveniently - just type on it. You can use the QWERTY keyboard anytime you need to type something. For example, use the QWERTY keyboard to key in the phone number you wish to dial in the Phone application. Or type in a long block of text into your Calendar or Pocket Word application. The QWERTY keyboard makes text entry very convenient and is an efficient alternative to the soft input methods as to be described below.

Using the input panel

When you open an application that supports text input, you will see the Input Panel icon appear on the menu bar.



Input Panel gives you a number of ways to enter text by either tapping on a virtual keyboard on the screen or scribbling to a handwriting recognition tool. The following describes the different methods of text input as provided by the Input Panel.

Virtual keyboard

1. Tap the arrow next to the **Input Panel** button then tap **Keyboard**.
2. A virtual keyboard will appear on the screen above the menu bar. Tap the keys on this virtual keyboard to enter typed text.

You can change the size of the keys on the virtual keyboard by changing the Input settings. See the chapter on Settings

Letter Recognizer

Letter Recognizer is a handwriting recognition tool that allows you to handwrite a letter at a time while it converts it into typed letter.

1. Tap the arrow next to the **Input Panel** button then tap **Letter Recognizer**.

2. Write a letter in the box with the stylus.

As the figure below shows, the letter recognizer provides three boxes for you to write either an uppercase letter, lowercase letter or number. This division increases the accuracy of its letter recognition ability.

Block recognizer

With Block Recognizer you can input character strokes using the stylus that are similar to those used on other devices. It uses technology similar to that of Palm's Graffiti product.

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. Click on the button to open a panel of symbols and special characters to enter into your text.

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.

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.

Open an application like Notes and tap the **Pen** button to switch to writing mode. This action displays lines on the screen to help you write.

Selecting a sentence

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** > **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.

Converting writing to text

- Tap **Tools** > **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.

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.

Creating 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.

Selecting 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 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 pop-up 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.

6 Phone operation

The PDA phone contains features you would expect from a high-end mobile phone. You can use your PDA phone to make and receive phone calls and send and receive SMS (Short Message Service) and MMS (Multimedia Message Service) messages. Your mobile phone service provider may provide other useful services such as voice mail.

Phone screen

Press the **Send** key to bring up the **Phone** screen as follows.



Making and receiving phone calls

Making a call directly

In the **Phone** screen, tap the number you want to call then tap the **Send** key to place a call. (Alternatively, you can enter the number by typing on the QWERTY keyboard.)



To clear a wrong number, either press the delete button on the keyboard, or tap the



Answering a call

When you receive a phone call, the phone rings or vibrates and a message will appear on the screen. Press the **Send** key to answer the call. (Alternatively, you can cancel the call and ringing by pressing the **End** key.)

Ending a call

When you are finished with your phone call, press the **End** key to end the call.

Making a call from Contacts

You can make a call from the Contacts application.

1. Press the **Left** soft-key to open the **Contacts** application.
2. Tap and hold on a contact person to bring up the pop-up menu.
3. Tap either 'Call Work', 'Call Home', or 'Call Mobile' to make the call.

Alternatively, you can tap on the contact person to bring up a detailed view of that person and tap his/her phone number to make the call.

Making a speed dial call

Speed dialing allows you to make a call with a single tap of your stylus. The default first speed dial entry is your voice mail.

Making a speed dial

In the **Phone** application, tap the **Speed Dial** button to display a list of available speed dial entries. Tap on an entry to dial its number.

Adding a speed dial entry

1. Press the **Left** soft-key to bring up **Contacts**.
2. Tap and hold on the contact person to bring up the pop-up menu.
3. Tap to select 'Add to Speed Dial...' to create a speed dial entry for this contact person.
4. In the 'Speed Dial' edit screen, you may change the 'Location' for this contact person in the speed dial list.

5. Tap **OK** on the navigation bar to save and exit.

Or you may also add a speed dial entry by the following procedure:

Tap the **Send** key > **Speed dial** > **New**, then select your desired contacts. After the selection, tap **Location** > **OK**.


Making a conference call

You can create a three-way conference call between yourself and two other parties.

1. First make a phone call.
2. While the first call is still engaged, tap the **Hold** button.
3. Dial a second number then tap the **Send** key.
4. Tap the **Conference** button to engage in a three-way conference with the first and second callers.

Loudspeaker

Turn the loudspeaker on and continue your conversation while using other phone functions. Loudspeaker enables you to make better use of your time. This is also a great feature for allowing your colleagues to participate in your call, whether in a taxi, in an airport lounge, just about anywhere wireless service is available!

1. First make a phone call.
2. Press and hold down the **Send** key until the speakerphone dialog box appears and the speakerphone icon  appears on the navigation bar.

3. To turn off the loudspeaker, press and hold down the **Send** key again.



Associating notes with calls

Call notes are integrated into the **Notes** application as well as the call log. A new folder named 'Calls' will be created when the first in-call note is made. You can now create a call note.

1. During a phone call, be sure the **Phone** application is in the foreground (tap on **Phone** in the **Start** menu if necessary). Tap on the **Note** icon on the Command Bar.
2. A note will be created with a header containing all pertinent information: the name, the company phone number, and the date and time of the call. Write your note and tap on **OK** when you are finished. You will be returned to the Dialer application for the duration of the call.
3. You can now access this note by tapping-and-holding on the entry in the call log and choosing 'View Note', or by selecting the 'Calls' folder in the **Notes** application. Notes are named by the contact from the call or, if the caller is not in **Contacts**, by phone number.

Viewing past phone activity

The PDA phone stores information about all voice calls made to and from the phone in the call log. This is accessed by pressing the **Call History** button from the **Phone** screen.


In this view, at a glance you can see the phone number of all incoming, outgoing, and missed calls, along with when the activity occurred.

Tap on the item once, and a small dialog box will show an exact time and duration of the call.

Tap-and-hold on an item and you will be able to save the entry to **Contacts** (so long as it is not already in **Contacts**), view note associated with the call, delete the record, send SMS to the caller, or call the caller.

Selecting **Tools > Call Timers** on the Command Bar will bring up a summary of how many minutes were used for all the calls in the log. Here users also can adjust how many weeks or months of calls will be kept in the log. Selecting **Tools > Delete all calls** will delete the call log screen.














Flight Mode
















Tap the  icon to turn on flight mode as follow shows. If you want to make a phone call, please turn off flight mode. Please note that when the battery power is low, the system will turn on flight mode automatically and will no longer search for the signal of the base station of your network provider. Therefore, if you want to make a phone call while the battery power is low, please change the battery or recharge the battery.



7 Programs

Your PDA phone contains the following built-in applications and tools.

Icon	Program name	Description	Where to find
	Today	Your Home screen or desktop	Page 15
	ActiveSync	Allows you to synchronize data between your PDA phone and PC.	Page 60
	Calendar	Scheduling appointments	Page 31
	Contacts	An electronic phone book for managing your contacts	Page 31
	Pocket Internet Explorer	A Web browser for browsing various on-line contents on the Internet	Page 31
	Messaging	Allows you to send and receive E-mail, SMS, MMS messages	Page 31
	Phone	Make and receive calls	Page 24
	Help	A complete online help database	Page 33
	Games	Jawbreaker and Solitaire	Page 33
	Java Manager	With this application you can manage the Java programs installed in your PDA phone	Page 34
	MSN Messenger	Allows you to send and receive instant MSN messages	Page 35
	Pocket Excel	Powerful spreadsheet application	Page 35
	Pocket Word	Word processor application	Page 35

	Pocket Studio	Camera/camcorder application with photo editor	Page 40
	Universal Remotecon	An application that turns your PDA phone into an universal remote control for your home appliances	Page 35
	SIM Phonebook	Allows you to access your SIM card phone book	Page 36
	SIM Message	Allows you to access your SIM card SMS messages	Page 36
	SIM Tool Kit	Extra services provided by your SIM card carrier	Page 36
	Windows Media	Audio/video file player	Page 37
	Calculator	Electronic calculator	Page 37
	Task	An application that allows you to manage your to do items	Page 37
	Photo Caller ID	Assign pictures to callers in your phone book	Page 37
	Set Ringtone	Set PDA phone's ring tone	Page 37
	Notes	With this application you can jot down your notes	Page 38
	Find	A file searching tool application	Page 38
	Pictures	A JPEG viewer for viewing digital pictures	Page 38
	Speech Commander	Allows you to use your voice to control applications	Page 38
	File Explorer	View files and folders in the phone	Page 39



You can find help on most of these applications on Start > Help.

Calendar

Use Calendar to schedule appointments, including meetings and other events. You can check your appointments in one of several views (Day, Week, Month, and Agenda) and set Calendar to remind you of appointments with sound or other methods.

To launch Calendar, press the **Right** soft-key or tap **Start > Calendar**.

Contacts

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. You can enter both personal and business information. If you want to add a contact to your SIM card, please refer to "SIM Phonebook" on page 36.

To launch Contacts, press the **Left** soft-key or tap **Start > Contacts**.

Pocket Internet Explorer

You can use Pocket Internet Explorer to view Web pages on your PDA phone in two ways: by downloading pages through synchronization or by connecting to the Internet. While browsing, you can also download new files and programs to your PDA phone from within the Internet. You can also view WAP pages in Pocket Internet Explorer.

To launch Pocket Internet Explorer, tap **Start > Internet Explorer**.

Messaging

You can receive Internet e-mail, multimedia, and text messages in Messaging. Internet e-mail messages are sent by using an address you receive from your Internet Service Provider (ISP). Text and multimedia messages are sent and received through your mobile phone service provider by using a phone number as the message address. Before sending a multimedia message, you have to finish MMS settings.

To launch Messaging, tap **Start > Messaging**.

Please follow the below procedures to finish the MMS setting.

Setting up an MMS Connection

There are two ways of setting up an MMS connection. If you want to set up the connection automatically, please follow the below procedure:

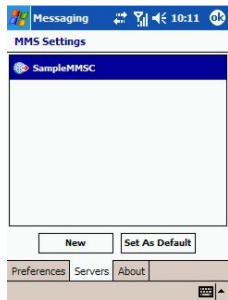
Tap **Start > Settings > Connections > Connection Settings**

If you want to set up the connection manually, please follow the below procedure:

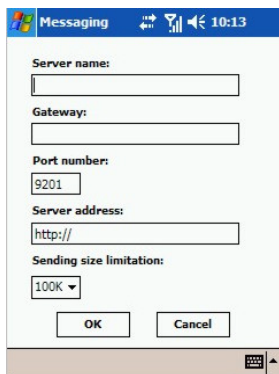
1. Before setting the MMS connection, please finish the GPRS setting first. As for the GPRS setting, please refer to "Setting up a GPRS and CSD Connection to your ISP" on page 47 for further information.
2. Tap **Start > Messaging > Inbox > MMS > Tools > MMS Settings**.



3. Tap **Servers > New**.



4. Now enter any authentication information your ISP requests.

A screenshot of a 'Messaging' configuration window. The window has a blue title bar with the word 'Messaging' and icons for network status and time (10:13). The main area is white and contains several labeled input fields: 'Server name:' with an empty text box, 'Gateway:' with an empty text box, 'Port number:' with a text box containing '9201', 'Server address:' with a text box containing 'http://', and 'Sending size limitation:' with a dropdown menu showing '100K'. At the bottom are 'OK' and 'Cancel' buttons. A small icon is visible in the bottom right corner of the window.

5. Tap "OK" to complete this wizard.
6. Note that MMS setting value will differ from different ISP providers. Please consult your ISP provider to determine which value is appropriate for you.
7. Set the new MMS setting as default.

Help

Help gives you online help documentation for various built-in applications and tools.

To launch Help, tap **Start > Help**.



You can display Help for a particular application or tool by opening that application or tool then tap Start > Help. If Help doesn't contain an entry for that application or tool, then it won't come up.

Games

You have two built-in games in your PDA phone: Jawbreaker and Solitaire.

To launch Games, tap **Start > Programs > Games**.

Java Manager

Java Manager is a Java environment on your PDA phone which allows you to download and run Java applications. You may either download the desired Java files from the Internet or beam them in from the PC via ActiveSync, Bluetooth, or IrDA. Once the files are moved to your phone, you can find them in your File Explorer and proceed to install them from there. The installation will in turn move the installed Java application inside the Java Manager. Thus, when you want to launch a Java application, you will first open up Java Manager and tap to launch it.

Java Manager has four categories inside which installed Java applications are stored. The four categories are Tools, Games, Applications, and Unfiled. When you install a Java application, it will end up in one of these four category folders based on the nature of that application. However, you have a choice to move applications around to different folders then ones they were installed in. Follow the below procedure to move an application to different folder.

1. Open Java Manager.
2. Locate the application you wish to move by tapping on the folder inside which it resides.
3. Tap on the application name to highlight it.
4. Tap **Menu** on the command bar to bring up the menu.
5. Tap **Change Category** on the menu.
6. The screen will change to show the folder list, tap on the folder name which will become the application's new home.
7. The screen return to the application's old folder. You will notice the application no longer reside there.
8. Tap Back on the command bar to go back to the main folder screen.
9. Tap the folder name of the application's new home to check that it has indeed been moved there.

To launch Java Manager, tap **Start > Programs > Java Manager**.

MSN Messenger

MSN Messenger on your PDA phone provides the same chat environment as MSN Messenger on your PC. You can use your MSN messenger to see who is online, send and receive instant messages, group chat, tell contacts that you are unavailable, and block contacts from seeing your status or sending you messages.

To launch MSN Messenger, tap **Start > Programs > MSN Messenger**.

Pocket Excel

You can use Pocket Excel much the same way you use Excel on your PC. You can enter formulas and functions, and then filter data to see the subset of information you want. Split panes to view different parts of a worksheet at the same time. You can also freeze the top and left-most panes in a worksheet to keep row and column labels or other data visible as you scroll through a sheet.

To launch Pocket Excel, tap **Start > Programs > Pocket Excel**.

Pocket Word

You can create and edit documents and templates in Microsoft Pocket Word just as you do in Microsoft Word on your PC. Pocket Word documents are usually saved as .psw files, but you can also save them in other file formats, such as .doc, .rtf or .txt.

You can enter information in a document by typing, writing, drawing, or recording. When you close a document, it is automatically named and placed in the Pocket Word document list.

To launch Pocket Word, **Start > Programs > Pocket Word**.

Universal Remocon

Universal Remocon turns your PDA phone into a universal remote control for most every infrared (IR) device in your home and office. The program contains a built-in RC database containing predefined settings for commonly available devices. In addition, there is a self-teach/learn mode whereby you can use to set devices not listed in the RC database. You can store up to 20 devices in Universal Remocon for wireless remote control. The

devices are of the following 8 profiles: TV, DVD, VCR, AIRCON, CD, AUDIO, LD/VCD, and OTHER.

To launch Universal Remocon, tap **Start > Programs > Universal Remocon**.

SIM Phonebook

SIM Phonebook displays the phone book stored on your SIM card. The data in SIM phone book are separate from the data in Contacts (which also contains a phone book). The data in Contacts are stored in your PDA phone's ROM memory area whereas the data in SIM Phonebook are stored in the SIM card. You can copy data from SIM Phonebook to Contacts by checking off the items in display and select 'Copy'. Then tap 'Contacts' to see what data are in Contacts. Also, you can copy data from Contacts to SIM Phonebook by checking off the items in display and select 'Copy'. Then tap 'SIM Phonebook' to see what data are in SIM Phonebook.

To launch SIM Phonebook, tap **Start > Programs > SIM Phonebook**.

SIM Message

SIM Message displays the SMS messages stored on your SIM card. The messages in SIM Message are separate from the messages in Messaging's SMS Inbox. The messages in Messaging are stored in your PDA phone's ROM memory area whereas the messages in SIM Message are stored in the SIM card. You can copy data from SIM Message to Messaging by checking off the items in display and select 'Copy'. Tap 'INBOX SMS' to see what messages are in Messaging.

To launch SIM Message, tap **Start > Programs > SIM Message**.

SIM Tool Kit

STK (or SIM Tool Kit) allows you to use the STK services provided by your carrier as part of your subscription.

To launch STK, tap **Start > Programs > SIM Tool Kit**.

Windows Media

You can use Microsoft Windows Media Player to play digital audio and video files that are stored on your device or on a network such as on a Web site.

To launch Windows Media Player, **Start > Programs > Windows Media**.

Calculator

Much like Calculator is a staple on the PC, you have it on your PDA phone.

To launch Calculator, tap **Start > Programs > Calculator**.



If an error message appears while you are using the Calculator function, please press the function key twice and then tap the C button on the screen to erase the error message.

Tasks

Use tasks to keep track of things you need to do. You can use categories to help you organize your tasks and set reminders for them.

To launch Tasks, tap **Start > Programs > Tasks**.

Photo Caller ID

'Photo Caller ID' allows you to assign a photo picture to a caller in your phonebook. After you have assign a photo to a caller, whenever you now receive a call from this caller, you will see this photo show up on the display. This is a nice feature to personalize the callers in your phonebook and see at a glance who is calling you from the picture on the display.

To launch 'Photo Caller ID', tap **Start > Programs > Tasks**.



Please note that the picture you use for Photo Caller ID function must be less than 64k.

Set Ringtone

'Set Ringtone' allows you to assign a music file for your phone's ringtone. You can choose a file from what is available on the system, or you can upload a file of your own. 'Set Ringtone' supports the following music file types: MIDI, Karaoke, Extensible Music,

SMAF, Sound, and MP3. When you assign a music file as a ringtone, your PDA phone will copy the file to the following directory: Windows/Rings. If the free memory left in your PDA phone is less than 5 MB, a warning message appears and you are not able to set the ringtone. To set the ringtone, delete the undesired files in the Rings folder.

To launch 'Set Ringtone', tap **Start > Programs > Set Ringtone**.

Notes

Notes helps you quickly capture your ideas, notes, and thoughts. You can create a note using written and typed text, drawings, and recordings. You can also share your notes with others through e-mail, infrared, and synchronization with your PC.

To launch Notes, tap **Start > Program > Notes**.

Find

Use Find to find a file or item in your PDA phone. Enter the name of the file or item and select its data type and tap 'Go'. The matched results will be listed on the screen.

To launch Find, tap **Start > Programs > Find**.

Pictures

Use Pictures to view JPEG pictures stored on your PDA phone or on a storage card, send pictures to others, view a slideshow of your pictures, or set a picture as the background on the Today screen.

To launch Pictures, tap **Start > Programs > Pictures**.

Speech Commander

Speech Commander allows you to control your PDA phone by voice. You can use voice to make a phone call, look up contact person's information or start a program.

To launch Speech Commander, press the speech commander hot key or tap **Start > Programs > Speech Commander**.

File Explorer





Use File Explorer to browse what files and folders are in your PDA phone. Once you find a file you are interested, tap on it to open it up in its associated application.

To launch File Explorer, tap **Start > Programs > File Explorer**.

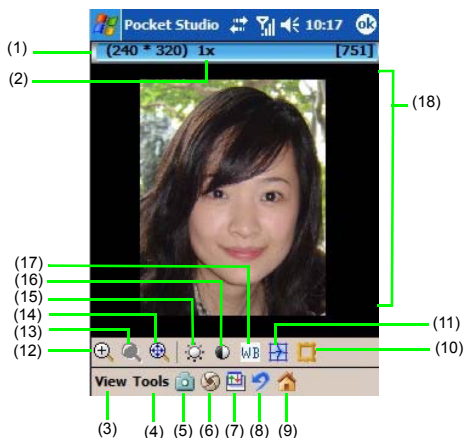
8 Camera/camcorder operation

The PDA phone has a built-in camera/camcorder which allows you to take photographs and record video clips. In addition, the associated Pocket Studio application provides features for browsing, viewing, and editing your image files.

Taking photographs

1. Press the Camera/Camcorder  key on the side of the phone to enter camera mode.
2. In this mode, the screen will display the lens view in full-screen. (The lens is located on the back of the PDA phone). When you are ready to snap a picture, press the Camera/Camcorder  key or the joystick to activate the shutter.
3. The Pocket Studio program window will appear with the preview picture on the screen. You may press the Camera/Camcorder  key again to start taking another picture. After you've finished taking pictures, tap anywhere on the screen to exit out of full-screen.
4. Once you've exited out of full-screen, you will see the Pocket Studio program window. This is the preview mode. In the window center, the lens view is still visible. You can still take picture at this point by pressing the Camera/Camcorder  key. (Notice the various function items on the toolbar and menu bar available to you.)





The Pocket Studio's preview mode allows you to use the camera/camcorder to record still pictures or motion videos. The following figure shows the functions available to you in this mode.





No.	Name	Description
(1)	Image resolution	Shows the picture resolution the camera/camcorder is currently set to.
(2)	Zoom level	Shows current zoom level.
(3)	View	Lists available view options.
(4)	Tool	Lists available tools.
(5)	Camera or camcorder mode	Toggles between camera and camcorder mode.
(6)	Snap/Record	Take a snapshot or begin recording a video clip.
(7)	Show/Hide toolbar	Toggles to show and hide toolbar.
(8)	Restore original	Restore adjustments you have made to brightness, contrast, scene, effects, frame back to their original settings.
(9)	Home	Helps you manage and access your image files.
(10)	Frame	Add a frame to the picture from a list of frame selections.

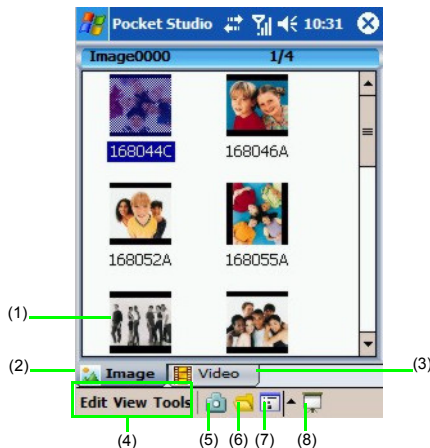
(11)	Effects	Give the picture a stylized look; e.g., sepia, black and white, cool, aqua, negative, green.
(12)	Zoom up	Increase zoom level by one.
(13)	Zoom down	Decrease zoom level by one.
(14)	Full-screen	Turn preview window to full-screen.
(15)	Brightness	Adjust brightness.
(16)	Contrast	Adjust contrast.
(17)	Scene	Set scene to match current physical environment; e.g., dusk, sunlight, fluorescent, cloudy, night.
(18)	Lens preview window	Shows live feed from camera/camcorder lens.

Recording motion videos

1. To use the camcorder to record motion videos, you can either tap (while in preview mode) **Tool** > **Mode** > **Camcorder** or tap the  icon on the toolbar to switch the icon to camcorder.
2. Press the Camera/Camcorder  key to begin recording. Alternatively, you can tap the red recording button on the toolbar for the same effect.
3. While the recording is in progress, you will see the red action word 'REC' flashing on and off as an indicator. Tap  to pause the recording or  to stop it altogether. The remaining icons on the toolbar are the same as they are in still picture mode. Please refer to the diagram in the previous section for further information on these similar functions.

Browsing your picture and video folders

In the preview mode, when you tap the  icon, you will see the home (or media browsing) window come up. This window allows you to browse both the still picture and video files you have taken with the camcorder. The files are shown as thumbnails so you can get a sneak peak at what is inside. The still pictures are located in the **Image** tab, you are already here by default when you tap the  icon. The motion videos are in the **Video** tab.



No.	Name	Description
(1)	Thumbnail	Show image or video files in thumbnail size.
(2)	Image folder	Display only picture files.
(3)	Video folder	Display only video files.
(4)	Tool bar	Contains commands that allow you to perform specific operations to a selected picture or video file.
(5)	Preview mode	Switch to camera mode.
(6)	Browse	Browse the folder tree in P50 to look for other locations containing picture or video files.

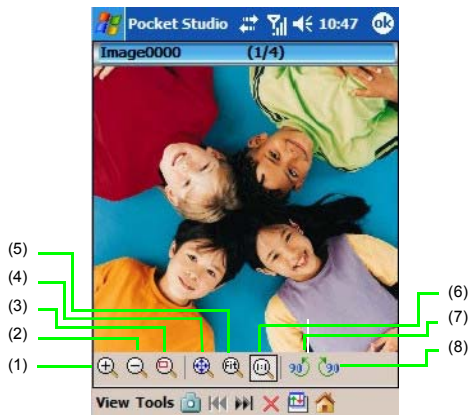
(7)	View	Display thumbnails as large, small, detailed icons.
(8)	Slideshow	Play a slideshow of all pictures (if you are in the image folder) or all videos (if in video folder).



In addition to the function icons located on the toolbar, you can tap and hold on a select image or video thumbnail file and bring up a pop menu that allows you to perform various operations to the image or video.

Viewing your pictures and videos

When you are in the browse window browsing the Image or Video folder, you can tap on a thumbnail to open it up for viewing. In the case that the thumbnail is a motion video, it will begin playing the video clip. The toolbar functions in the view window are described in the following table.

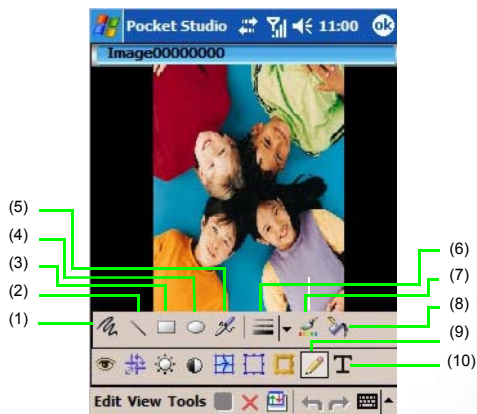


No.	Name	Description
(1)	Zoom in	Increase zoom level.
(2)	Zoom out	Decrease zoom level.
(3)	Scroll	When you zoom a picture to a size larger than the screen itself, this function allows you to scroll around the zoomed-in picture to view different portions of it.

(4)	Full screen	Display picture or video in full screen.
(5)	Fit to screen	Display picture or video at a size that fits the screen.
(6)	Original size	Return to original size.
(7)	Rotate counter-clockwise	Rotate picture or video counter-clockwise.
(8)	Rotate clockwise	Rotate picture or video clockwise.

Editing your pictures and video frames

You can use the edit feature in Pocket Studio to edit your still pictures. The edit feature allows you to add color tones, sketches, text overlay, theme overlays and deformation to your still pictures and even paused video frames from motion videos. The picture edited will be saved as a new file.



No.	Name	Description
(1)	Freehand	Draw in freehand.
(2)	Line	Draw a line.
(3)	Rectangle	Draw a rectangle.

(4) Ellipse	Draw an ellipse.
(5) Airbrush	Draw with an airbrush.
(6) Pen/Brush size	Adjust the pen/brush size.
(7) Line color.	Change the pen/line color.
(8) Fill color	Change the background color. This is useful when drawing a rectangle or circle. The foreground color is the pen/line color and the background color is the fill color.
(9) Pencil/Brush	Display the pencil/brush toolbar in order to use the draw functions.
(10) Text overlay	Type text into a textbox in the picture.

Settings menu

The settings menu for Preview and file browser are different. Under Preview mode, tap **Tool > Settings** to open up the settings window. The settings window allows you change the settings for these categories: **General**, **Camera** and **Camcorder**. Under file browser mode, tap **Tool > Settings** to open up the settings window. The settings window allows you change the settings for these categories: **General**, **Player** and **Slideshow**.

Under **Camera**, you can change the image quality of the picture you take by adjusting the value for **Image Resolution** and **Image Quality**. The default value for Image Resolution is 320 x 240 (QVGA) or 76.8K pixels. You can set this value to its maximum which is 1280 x 960 (SXGA) or 1.2M pixels. The Image Quality can be set to either Low, Normal, or High.

Under **Camcorder**, you can change the video quality by adjusting Video Resolution and Video Quality. The default value for Video Resolution is 320 x 240 (QVGA). This is the maximum value for this setting, the alternative value is 176 x 144 (QCIF). The Video Quality can be set to either Low, Normal, or High.

 **Keep in mind that the higher the image or video quality you set, the more memory space the image or video file will take up. If available memory space becomes an issue, this is a trade off you need to consider.**

Under **Slideshow**, you can change the value for **transition type** which determines how the pictures or videos in the slideshow move from one to the next. This is a special effect that is part of slideshow to make playback interesting. Play around with different values in this setting and see which one you like best.

Types of connections

The PDA phone can be very easily configured to access the Internet or a corporate network to perform such tasks as browsing the World Wide Web, sending e-mail, or exchanging instant messages with friends or co-workers. Connections can be made with a dial-up modem, wireless modem (GPRS or Circuit Switched Data, CSD) or wireless LAN (WLAN) card. There are two supported groups of connection settings: My ISP (which allows you to access the Internet) and My Work Network (which allows you to access private resources such as your Intranet, VPN, or other protected resources).

Tap **Start** > **Settings** > **Connections** to enter the Connections settings page.

Setting up connections

Setting up a GPRS and CSD Connection to your ISP

You can connect via modem dial-up to your ISP (Internet Service Provider), and use the connection to send and receive e-mail messages and view Web or WAP pages. Your ISP is usually your SIM card provider.

Creating an ISP Profile

Obtain the following information from your ISP:

- ISP access point name (for GPRS service only)
- Dial-up access telephone number (for CSD service only)
- User name
- Password
- TCP/IP settings. (Some ISPs require a domain name in front of the user name, such as MSN/username.)

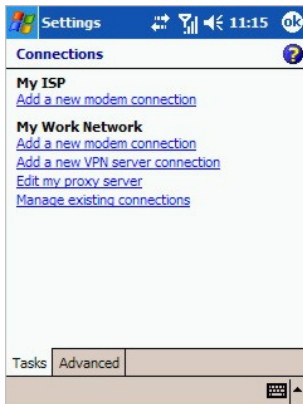
Setting up a GPRS Connection to your ISP

1. Tap **Start** > **Settings**.

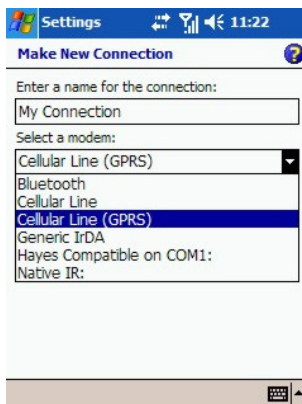
2. Tap the 'Connections' tab and the 'Connections' icon to bring up the **Connections Settings** screen.



3. Under 'My ISP', tap 'Add a new modem connection'.



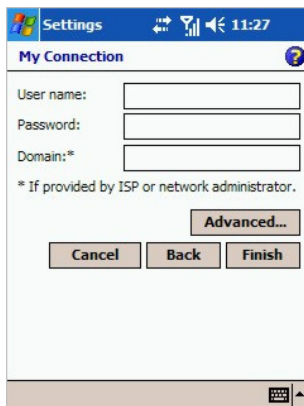
4. Next to 'Enter a name for the connection', enter a name for the connection, for example, 'My Connection'. Next to 'Select a modem', select your modem type.



5. Enter the Access Point Name (APN) of your ISP.



6. Now enter any authentication information your ISP requests.



7. You should not need to change any settings in 'Advanced'. Most ISPs now use a dynamically-assigned address.

8. Tap **Finish** to complete this wizard.



Your PDA phone also provides you a shortcut to set a GPRS connection automatically. Follow the below procedure to set the GPRS connection.

Please tap Start > Settings > Connections > Connection Settings.

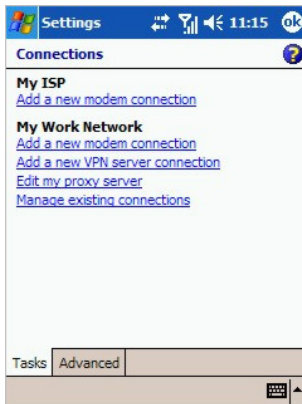
Setting up a CSD Connection to your ISP

1. Tap **Start > Settings**.

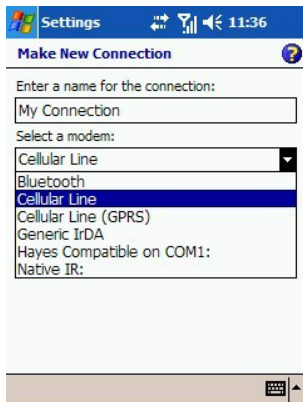
2. Tap the 'Connections' tab and the 'Connections' icon to bring up the **Connections Settings** screen.



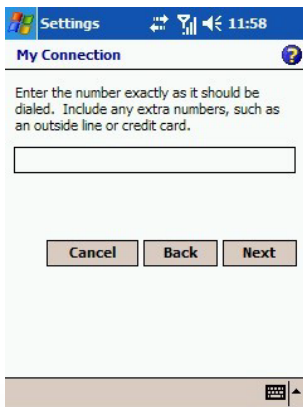
3. Under 'My ISP', tap 'Add a new modem connection'.



4. Next to 'Enter a name for the connection', enter a name for the connection, for example, 'My Connection'. Next to 'Select a modem', select your modem type.



5. Now enter the dial-up number of your ISP. Include any special digits such as '*' or '#'.



6. Now enter any authentication information your ISP requests.

The screenshot shows a mobile device's 'Settings' app. The title bar is blue with the word 'Settings' on the left and icons for network status and time (12:00) on the right. Below the title bar, the screen is titled 'My Connection' with a help icon on the right. There are three input fields: 'User name:', 'Password:', and 'Domain:'. Below these fields is a note: '* If provided by ISP or network administrator.' At the bottom are four buttons: 'Cancel', 'Back', 'Finish', and 'Advanced...'.

7. You should not need to change any settings in 'Advanced'. Most ISPs now use a dynamically-assigned address.
8. Tap **Finish** to complete this wizard.

Connecting to Your ISP

1. On the **Connections** screen, under 'Connections', tap 'Manage existing connections'.
2. Tap and hold on a connection name from the listbox to bring up a pop-up menu.
3. Tap 'Connect' on the pop-up menu.
4. Your modem will start dialing out and attempt to create a connection.

Configuring Proxy Server Settings

1. Contact your ISP or network administrator for the proxy server name, server type, port, type of Socks protocol used, and your user name and password.
2. On the **Connections Settings** screen, under 'My Work Network, tap 'Edit my proxy server'.

3. Check the 'This network connects to the Internet' and 'This network uses a proxy server to connect to the Internet' checkboxes.
4. Next to 'Proxy server' enter the proxy server name into the textbox.
5. If you need to change port number or proxy server type settings, tap the 'Advanced' button and change the relevant settings.
6. Tap the **OK** button to save and close the window.

Setting up a VPN connection to your corporate network

With a Virtual Private Network (VPN) connection, you can connect to a server in your corporate network via the Internet.

Creating a VPN profile

1. Obtain the following information from the network administrator of your VPN administrator:
 - User name
 - Password
 - Domain name
 - TCP/IP settings
 - Host name or IP address of the VPN server
 - TCP/IP settings. (Some ISPs require a domain name in front of the user name, such as MSN/username.)
2. Tap **Start > Settings**.
3. Tap the 'Connections' tab and the 'Connections' icon to bring up the **Connections** screen.
4. Under 'My Work Network', tap 'Add a new VPN server connection'.
5. Enter the host name and follow the instructions on the screen to proceed.

Editing/deleting a VPN profile




1. Tap **Start > Settings**.
2. Tap the 'Connections' tab and the 'Connections' icon to bring up the **Connections** screen.
3. Under 'My Work Network', tap 'Edit my VPN server'.


4. To edit a VPN profile, tap the profile you wish to edit and then tap 'Edit'. To delete a VPN profile, tap and hold the profile you wish to delete, and the tap 'Delete' from the menu that appears.

Using WLAN


WLAN allows your PDA phone to connect to the Internet or your VPN, provided there is a Wireless Access Point available to you. Your PDA phone can connect to an 802.11b wireless network or connect directly to other WLAN enabled devices.

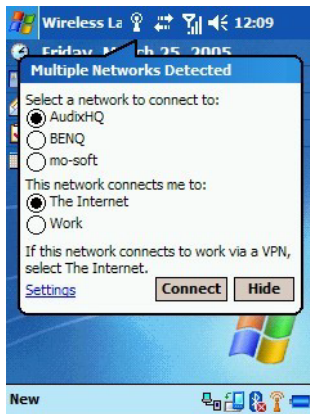
Turning on WLAN

1. From the **Today** screen, tap the WLAN icon  on the menu bar and bring up the Wireless Lan screen.
2. Check the "Turn on wireless lan" checkbox and tap **OK** to close the window. (You will notice that the WLAN icon on the menu bar changes from  to .)

 **The Lower LED will light up green to indicate WLAN on.**

Connecting to an existing wireless network

After WLAN is turned on, your phone will automatically try to detect what wireless networks are available in the surrounding areas. If any are found, the icon  will appear on the Navigation bar, and a pop-up window will appear indicating them.

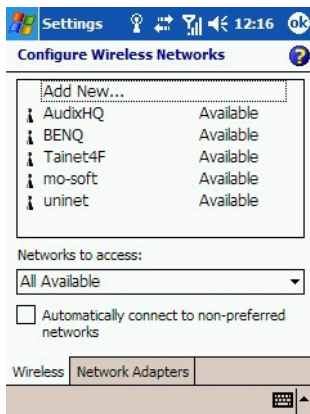


Tap the network you wish to connect to, and then select whether the wireless network connects to Internet or your work (office) network.

You can also go into the **Network Card Settings** screen to see what available networks have been detected by your phone.

1. Tap **Start** > **Settings**.

2. Tap the 'Connections' tab and the 'Network Cards' icon to bring up the **Network Card Settings** screen.



3. If your PDA phone can automatically detect wireless networks in the surrounding areas, they will show up in the listbox.
4. Tap and hold on a network name in the listbox to bring up a pop-up menu.
5. Select 'Connect' from the pop-up menu to make connection to the network.

Adding a new wireless network

You can add a new wireless network into the listbox.


1. On the **Network Card Settings** screen, tap the first item in the listbox which is 'Add New'.
2. Enter a name in the 'Network Name' textbox.
3. Next to 'Connects to', select where this new network will connect to ('The Internet' or 'Work'.
4. If you want to connect to an ad-hoc connection, tap the 'This is a device-to-device (ad-hoc) connection' checkbox.

5. If authentication information is needed, tap the 'Network Key' and '802.1x' tabs to fill in the setting values. (Check with your network administrator to obtain the setting values for your specific wireless network.)
6. Tap the 'OK' icon on the top-left corner to save and close the window.

Searching for wireless networks to access


Networks that you have already configured are preferred networks and are listed in the Wireless Networks listbox. You can choose whether to connect only to preferred networks or to have your phone search for and connect to any network (preferred or not).


1. On the **Network Card Settings** screen, next to 'Networks to access', tap the type of network you want to connect to ('All Available', 'Only access points', 'Only computer-to-computer').
2. To connect only to networks that have already been configured, clear the 'Automatically connect to non-preferred networks' checkbox.

 **If you check the 'Automatically connect to non-preferred networks' checkbox, your phone will detect any new network and provide you the opportunity to configure them.**

Using Bluetooth

The PDA phone comes with built-in Bluetooth technology which allows you to communicate with other Bluetooth devices over a maximum approximately 10 meters (30 feet).

1. Tap the Bluetooth  icon.
2. Check off the 'Turn on Bluetooth' and 'Make this device discoverable to other devices' checkboxes.

 **When Bluetooth is powered on, the status LED will blink a blue light.**

3. Tap the **Devices** tab.
4. Tap **New** to begin searching for possible new Bluetooth devices to bond with in the surrounding areas.
5. Once searching ends and devices are found, tap a device name to highlight it and tap **Next**.
6. Enter the 'Passkey' for the device and Tap **Finish**.



The passkey is device dependent. Please refer to the documentations of the Bluetooth device for the passkey.

7. A pop-up dialog appears asking whether or not to designate the paired device as a hands-free device. Tap **Yes** if the paired device is a hands-free headset, otherwise tap **No**. If your paired device is a GPS device, please tap **COM Ports > New Incoming Port** to set the COM port.
8. At this point you are ready to exchange data with your paired Bluetooth device. To send a data object to your paired device, tap and hold on the data object (such as a file, contact object, calendar object, etc) and select Beam File/Contact/Appointment, etc.
9. The Beam window appears listing all available neighboring devices ready to receive a beam. Tap on the name of a Bluetooth device to begin sending.

Using Infrared (IrDA)

Another way to connect data over short distances and wirelessly is through IrDa or Beam-ing. The PDA phone allows you to beam files and object (such as contacts and calendar appointments) to IrDa receiving devices.

1. Beam is turned on by default. To double-check, tap **Start > Settings > Connections** and tap the Beam icon to make sure the 'Receive all incoming beams' checkbox has been checked.
2. Place the PDA Phone nearby a second IrDa device where their IrDa windows are in alignment.
3. To send a data object to the neighboring IrDa device, tap and hold on the data object (such as a file, contact object, calendar object, etc) and select Beam File/Contact/Appointment, etc.
4. The Beam window appears listing all available neighboring devices ready to receive a beam. Tap on the name of an IrDa device to begin sending.

10 Microsoft® ActiveSync®

Using Microsoft ActiveSync, you can synchronize the information on your desktop computer with the information on your device. Synchronization compares the data on your device with your desktop computer 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 desktop computer.
- Synchronize Microsoft Word and Microsoft Excel files between your device and desktop computer. Your files are automatically converted to the correct format
- Back up and restore your device data.
- Copy (rather than synchronize) files between your device and desktop computer.
- Control when synchronization occurs by selecting a synchronization mode. For example, you can synchronize continually while connected to your desktop 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.

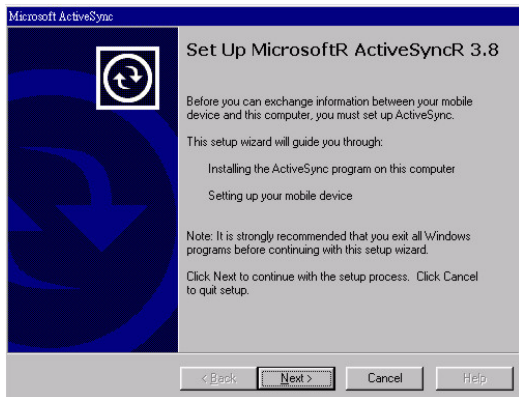
Installing ActiveSync® on PC



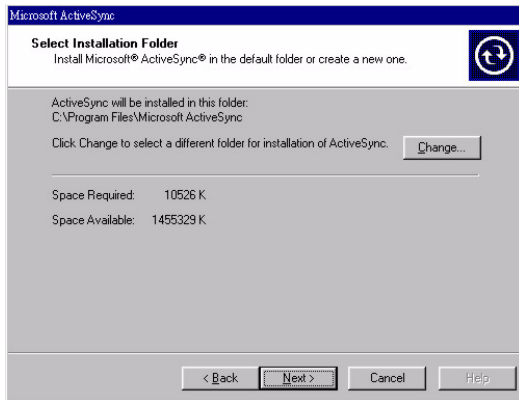
To ensure that synchronization works properly you must install Microsoft ActiveSync on your computer before connecting your PDA phone to the computer.

1. Insert the Companion CD into the CD-ROM drive in your computer.

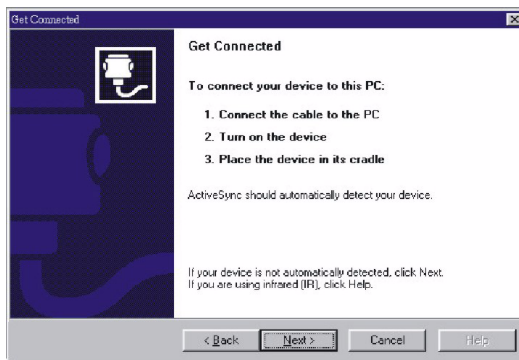
2. Run the ActiveSync installer program on the CD to install ActiveSync on your computer and the following dialogue box appears. Click “Next” to proceed.



3. Click “Next” to install the ActiveSync to the default file folder or select “change” to install the ActiveSync to the file folder you specify.



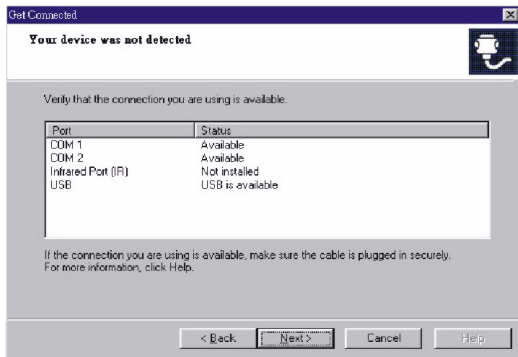
4. After the following dialogue box appears, connect your PDA phone to your PC and click “Next”.



5. The installation program will start to link your PDA phone and PC as the following dialogue box shows.



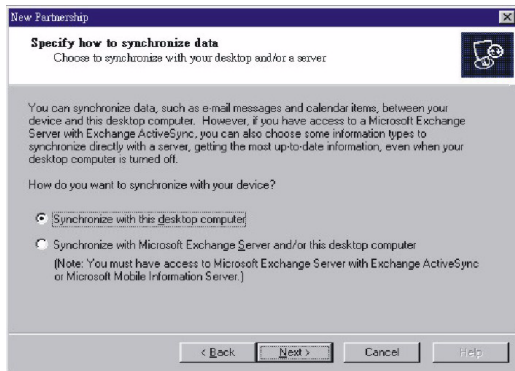
6. Click “Next” when the following dialogue box appears.



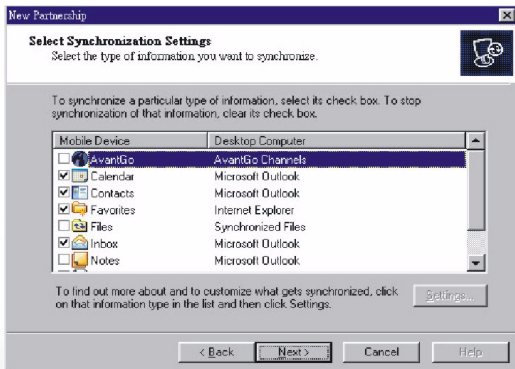
7. The below dialogue box shows and it allows you to choose data synchronization or data transmission between your PDA phone and PC. Select your desired item and click “Next” to proceed.



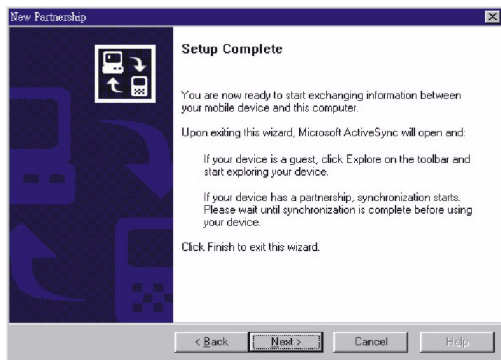
8. After the following dialogue box appears, choose the type of synchronization you want to perform and click “Next”.



9. Select the synchronization settings and check the checkbox which you want to perform data synchronization.



10. Click “Finish” to finish the Microsoft ActiveSync installation.



Creating a new partnership profile

After you’ve installed ActiveSync on your PC, you can begin to connect your PDA phone to the PC. Take the included data cable and connect the mini-USB end to your PDA phone’s mini-USB slot and the USB end to your computer’s USB slot.

Once the data cable connects the PDA phone to the PC, the PDA phone will emit a sound indicating connection found. On the PC side, a ‘New Partnership’ wizard will automatically pop up.

On the wizard, you can choose whether you wish to set up a standard partnership or guest partnership profile between the PDA phone and PC. A standard partnership profile allows you to copy and move files between your PDA phone and PC as well as synchronize application data from PC’s Outlook to PDA phone’s Contacts, Inbox, Calendar, etc. A guest partnership profile allows you to only copy and move files but not synchronize application data. Follow the steps below to setup a standard partnership between the PDA phone and a single desktop computer.

1. Select ‘Standard partnership’ and click **Next**.
2. Select ‘Synchronize with this desktop computer’ and click **Next**.
3. Select ‘Yes, I want to synchronize with only this computer’ and click **Next**.

4. Check off from the list which application data types you wish to synchronize and click **Next**.
5. Click **Finish** to complete the wizard.

Synchronizing the application data

After creating your profile (a new partnership) for the first time, ActiveSync will first attempt to establish a connection with your PDA phone (so long as there is a physical connection via USB).

Next ActiveSync will examine each of the application data types you have selected to be synchronized and see which records are not the same on both the PDA phone and PC.

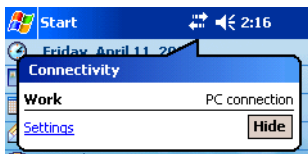
Once both the PDA phone and PC have the same information, all application data types will be listed as synchronized.


After your first synchronization, take a look at Calendar, Contacts, and Tasks on your PDA phone. You'll notice that information you've stored in Microsoft Outlook on your PC has been copied to your PDA phone, and you didn't have to type a word. Disconnect your PDA phone 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 PDA phone. To switch to ActiveSync on your PDA phone, tap **Start > ActiveSync**.

Once synchronization begins, a progress bar with indicators will keep you informed as to the changes being made.

If both Exchange Server and desktop synchronization is enabled, following successful synchronization you will see the above status screen.



Clicking on the  icon in the notification area will reveal an active PC connection.

Adding programs

If you want to install a new program to your PDA phone, you will need to first install it on your PC.

1. Determine your PDA phone's processor type so that you know which version of the software to install. Tap **Start > 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 PC (or insert the CD or disk that contains the program into your PC). 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 Microsoft 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 PDA phone and PC.
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 PC, the installer will automatically transfer the software to your PDA phone.
 - 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 PDA phone. 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 device. For more information on copying files using ActiveSync, see ActiveSync Help.
 - Once installation is complete, tap **Start > Programs**, and then the program icon to switch to it.

Removing programs

1. Tap **Start > Settings > System > Remove Programs**.
2. Highlight the name of the application you wish to remove from your device.
3. Click **Remove**.

11 Settings

You can customize how your PDA phone looks and behaves by changing its internal settings. Tap **Start > Settings** to bring up the settings window. There are three categories in settings that are available: **Personal**, **System**, and **Connections**. Tap the tabs at the bottom of the window to get at each settings category.

Personal settings

Tap **Start > Settings** to enter the Personal settings page.

Phone

This area allows you to change settings from the following four tabs:

- Phone
 - Service
 - Network
 - More
1. The Phone tab allows you to change the settings of the following four items: the type of ringtone, the tone of ringtone, keypad dial setting, and security on your PDA phone.
 2. The Service tab allows you to change the settings of the following five items: call barring, show your number, call divert, call waiting, and voicemail box and short message.
 3. Basically the choice of the network that your phone uses is configured automatically. If you want to change the connection network, this Network tab will allow you to select the network you want to use. When outside the coverage of your regular network in your home country or when abroad, you can manually select the local network system.
 4. The More tab allows you to change the following settings: answer mode, minute minder, and band setting.

Buttons

This area allows you to change settings from the following two tabs:

- Program Buttons
- Up/Down Control

The first tab allows you to map hardware buttons on your PDA phone to functions and installed applications. First, click the name of a button and then select from the pull-down menu below Button assignment to choose among system functions and installed applications. Click the Restore Defaults button to reset button mappings to factory settings.

The second tab allows you to configure how the up and down control behaves for the joystick. Delay before first repeat changes the time elapsed before scrolling begins. Repeat rate changes the time it takes to scroll from one item to the next.

Input

This area allows you to set the default input method in Input Panel. You can also configure various input settings such as whether to use large or small keys for soft-keyboard and other details.

Menus

This area allows you to:

- Select which applications appear in the Start menu
- Select which document types appear in the Today screen's New Item pull-up box.

When you launch this dialog box, it scans your system for installed applications. Check off the items you want to appear in the Start Menu. Bear in mind that you may only have nine items selected at any time.

A useful feature, available from the Today screen or any other screen in which a New button appears is the New button menu, a pop-up menu that displays a list of document types that can be transformed into new documents.

Still in the Menu control panel, via the New Menu tab you can turn this pop-up menu on (if off, you will only see a New button without any pop-up menu). If New button menu is enabled, you can select from a variety of document types that will be available from anywhere the New button menu appears.

Owner info


Much as it is wise to label valuable assets with your name or e-mail address, so is it important to stamp your Pocket PC device with your information.

Fill in the fields above to reflect your personal contact information. If you select Show information when device is turned on, this information will appear whenever you soft reset or suspend your device.

Password

This area allows you to enable a password lock to your PDA phone if it is left unused for a certain time.

1. Check the 'Prompt if device unused for' checkbox and tap the arrow beside it to select a time in minutes or hours from the drop-down menu.
2. Enter a four digit password in the 'Password' textbox.

 **If password protection is enabled, you will always be prompted for password after a soft reset or upon power up in addition to the specified frequency.**

Sounds and notification

System sounds provide an excellent visual clue when your attention is needed, whether you have an upcoming appointment, a phone call is coming through or someone has sent you an instant message.

This area allows you to enable sound for a number of occasions. You can turn on or turn off event sounds (sounds produced by the operating system like errors), program sounds (sounds produced by software you have downloaded) and their notifications. You can also customize the intensity of screen taps or hardware buttons (these can be set to off, soft, or loud).

From the same screen, choose the Notifications tab to change what sounds are associated with various system events. Additionally, it is possible to change the system volume by pressing in the notification area.

Today

Aside from acting as the launch point for most activity on your PDA phone, the Today screen is a powerful canvas on which you can add third-party modules to display pertinent information and is customizable to better suit you aesthetically.

Tap 'Today' to begin. First you will see a listing of Today themes installed on your device and available for your use. Today screen themes offer a great way for you to personalize your PDA phone to reflect your unique interests and tastes. By loading a new theme, you can completely change the look of your device. To choose a theme, simply highlight its name and tap OK. Alternatively, you can Beam a selected theme to a friend's PDA phone or any Pocket PC device or delete the theme from memory.

You also have the option of selecting a JPG or GIF image as a background skin for your device. First check the Use this picture as the background checkbox. By tapping the Browse button you will be given a list of available image files on your device.

In the same screen, tapping the Items tab allows you to configure the individual Today screen components that have been installed on your device. Your device will already support Date, Owner Info, Calendar, Inbox, and Tasks. All of these plug-ins with exception of Date can be Moved Up or Moved Down vertically on the Today screen. Press the appropriate button to the right to move the plug-ins' positions.

Speech Commander

Here you can enable or disable the voice dialing function of P50. To enable this function, tap to check the Voice dialing checkbox. Check the Caller name playback checkbox if you want P50 to play the caller name (voice tag) before dialing.

System settings

Tap **Start** > **Settings** > **System** to enter the System settings page.

About

This control panel gives you technical details about the version of Microsoft Pocket PC running, processor type, and total available internal memory.

It also shows expansion slot (storage slot) usage and owner name.

In the same screen, tap the Device ID tab to change the name displayed when performing an ActiveSync with a desktop PC.

Finally, the Copyrights tab reveals licenses being used by your version of Microsoft Pocket PC.

Backlight

Tapping on Brightness icon presents the following screen. Here you can choose how many minutes of inactivity will result in the backlight going off when no AC adapter is plugged into your PDA phone. In the second of the two checkboxes, you can have the backlight automatically turn on upon tapping the screen. The External Power tab provides the same options as Battery Power, but these settings affect behavior when external power is used such as an AC adapter or car power adapter.



You can also turn off the backlight by long pressing the Power key, long press the Power key again to turn on the backlight.

Certificates

Public key certificates allow you to help establish your identity when you are logging onto a secure network. Certificates also aide in establishing the identity of other computers that you might want to connect to. Using certificates helps prevent unauthorized users from accessing your device or data. There are two types of certificates that can be installed on your device: personal certificates that identify who you are, and root certificates that identify the servers you connect to. Both personal and root certificates are managed in the same way. Consult your IT department for information on certificates and device security.

Tapping the Certificates icon will get you started. In the Personal tab, you will see certificates assigned to your device. By tapping and holding on an item, you can delete it.

From the same screen, tapping the Root tab brings you to the root certificates available for your device.

Clock

Aside from being a powerful computational device, your PDA phone is also a handy time keeper and alarm clock. This control panel applet allows you to ensure your system time is correct.

Tapping Clock icon brings you to this screen. Here you can choose among the world's time zones, set the hour, minutes, and seconds, and finally choose the date. The time can be changed by typing in the numerical representation of the time or by manipulating the clock hands to the left.

On the second half of the screen is a visiting clock, great for when you are traveling and want to update the system time but be able to jump back to your home time zone when your travels come to an end.

You can set an early morning wake-up call for yourself with your PDA phone. From the same screen as above, tap on the Alarms tab. You can have up to four distinct alarms enabled at a time. Tap on the <Description> text to give your alarm a friendly name. When the alarm goes off, this text will display as the reasoning behind the alarm. Tap on the 'S', 'M', 'T', etc. (indicating Sunday, Monday, Tuesday, etc., respectively) to indicate which days the alarm should go off.

Tap on the time listed and use the time selector to specify the alarm time.

Finally, tapping above the time displayed to the right of an alarm gives you options that let you customize how the alarm behaves. You can choose the sound played, whether the

sound should be looped, and whether you should be given a message indicating the purpose of the alarm.

Additionally, it is possible to switch from a digital clock in the notification area to an analog clock.

Tap-and-hold on the time in the notification area to switch between Analog and Digital.

Memory

You can use the slider bar to assign how much memory to be dedicated to storage or programs. In addition, this screen displays total storage and program memory, along with the amount of allocated memory, in use memory, and free memory for both memory types.

Selecting the 'Storage Card' tab shows you free memory for any storage cards you've installed in your PDA phone.

Selecting the 'Running Programs' shows you the currently running applications. By tapping 'Activate', you will bring the highlighted program to the foreground so you can begin work on it immediately. If you tap 'Stop', the highlighted program will be terminated. Finally, tapping 'Stop All' will try to terminate all running programs, though not all will necessarily respond to being closed in this manner.

Power

Here you can see the current state of the battery and how much power it has left.

CPU Performance

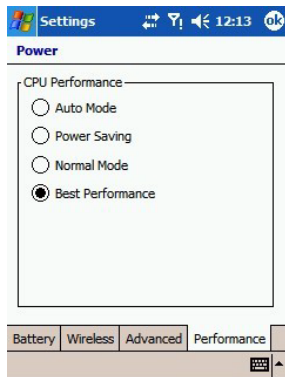
This function allows you to adjust the CPU performance of your PDA phone.

Automatic mode: The mode adjusts the system performance automatically.

Normal mode: This mode maintains the efficiency and power consumption for the normal system performance.

Power saving mode: This mode extends the standby time of your PDA phone, but less system efficiency.

Optimization mode: This mode maintains the best system performance, but higher power consumption.



Regional settings

This control panel allows you to customize how data appears on your PDA phone, such as currency, times, dates, and numbers.

Selecting the 'Regional Settings' tab allows you to set the region of your choice.

Selecting the 'Number' tab allows you to customize every aspect of how numbers appear including decimal symbol, how digits are groups, measurement system, and more.

Selecting the 'Currency' tab allows you to customize every aspect of how monetary figures are displayed, including currency symbol, number of decimal places shown, and how negative values are shown.

Selecting the 'Time' tab allows you to customize every aspect of how time figures are displayed, including display style, separator character, and AM/PM symbols.

Selecting the 'Date' tab allows you to customize every aspect of how dates are displayed.

Screen

Periodically your touch display may not respond accurately to stylus/finger taps; when this occurs, it is usually necessary to re-align the screen. This can be done by tapping the

Align Screen button from the Screen control panel icon. Also, you are able to change the system font size under the Font Size menu.



Hotkey for screen alignment:

Press the **Function Key** and **Audio Recorder Button** to align the screen.

Self Test

Tap the Self Test tab to perform the self test of your PDA phone. Select the items you want to perform self test and then tap Test.

Device Info

Tap the Device Info tab to show your device information.

Remove Programs

If you want to remove the programs installed in your PDA phone, tap the Remove Programs tab to remove them. Select the programs you want to remove and then tap Remove.

Connections settings

Tap **Start** > **Settings** > **Connections** to enter the Connections settings page.

GPRS Authentication

This area allows you to select which GPRS authentication method to use. You have a choice of either PAP or CHAP authentication. Please consult your GPRS service provider to determine which value is appropriate for you.

Network Cards

Please see "Connecting to an existing wireless network" on page 56.

Connections

Please see "Setting up connections" on page 47.

Bluetooth

Please see "Using Bluetooth" on page 58.

Beam

Please see "Using Infrared (IrDA)" on page 59.

Connection Settings

Provides you a shortcut to set a GPRS connection automatically.


12 Troubleshooting Information

If you encounter problems when using your P50, please refer to the troubleshooting information below to solve them. If the problem still persists after you have tried the suggested solutions, please contact your dealer or BenQ customer service for assistance.


 **Do not attempt to disassemble P50 by yourself. There are no user serviceable parts inside.**


Call Related Problems

 **Cannot make outgoing calls.**

 Check the following:


- Is your P50 in the **Flight** mode? Change to the **Phone on** mode so you can use the call related functions.
- Is there a SIM card in the phone? Install a valid SIM card.
- Is the signal strength strong enough? Try moving to a different location to obtain better signal reception.
- Is the call barring feature activated? Deactivate the feature if necessary.

 **Cannot answer incoming calls.**


 Check the following:

- Is your P50 in the **Flight** mode? Change to the **Phone on** mode so you can use the call related functions.
- Is there a SIM card in the phone? Install a valid SIM card.
- Is the signal strength strong enough? Try moving to a different location to obtain better signal reception.

 **Can not use certain call functions (call waiting, call barring, etc).**

 Depending on your network service provider, some call services may require extra subscription. Please contact your network service provider for details.

 **There are noises during a call.**

 Check the following:

- Are you near a strong electromagnetic source (such as a TV or a microwave oven..., etc.) during the call? Move to another location to reduce the interference effects.

- Check the status of signal reception. If necessary, move to another location where reception is better.

② **Poor reception.**

☞ Check the following:

- The network signal is too weak at your current location--for example, in a basement or near a tall building--because wireless transmissions can not effectively reach it.
- The network is busy at the current time (for example, during peak times, there may be too much network traffic to handle additional calls).
- You are too far away from a base station for your network operator.

② **Echo or noise.**

☞ Check the following:

- Poor network trunk quality on the part of your network operator.
- Poor local telephone line quality.

② **SIM card error.**

☞ Check the following:

- SIM card malfunction or damage.
- SIM card inserted improperly.
- Debris on the SIM card contacts.

② **There are echoes when using VoIP (Voice over IP) phone.**

☞ Check the following:

- Suggest to use VoIP in a spacious area or with earphones in order to get the best reception and quality.


Message Problems

② **Cannot send or receive text messages.**


☞ Check the following:


- Is the phone in the **Flight** mode? Switch it to the **Phone on** mode.
- Is the signal strength strong enough? Try moving to a different location to obtain better signal reception.

② **Cannot send or receive multimedia messages.**

 Check the following:

- Is the phone in the **Flight** mode? Switch it to the **Phone on** mode.
- Have you subscribed the MMS service to your network service provider? The MMS service may require extra subscription.
- Has the MMS setting been correctly configured? Check the setting with your network service provider.
- The status of phone memory. Is there enough space? Delete some files if necessary.


 **Cannot send or receive Email.**

 Check the following:


- Check your Network connection.
- Has the Email setting been correctly configured? Check the setting with your Email service provider.


Internet Problems

 **Cannot connect to the Internet.**

 Please refer to the “Connections settings” illustration on P. 46.


Connection Problems


 **Cannot connect P50 to PC using the Data cable.**

 Check the following:

- Is the power of P50 turned on?
- Check the Data cable.
- Make sure the ActiveSync is installed.

System Problems

 **Cannot turn on the phone.**


 Check the following:

- Make sure that you have slid the battery lock to the lock position.
- Is the battery fully charged? Check the battery and fully charge it if necessary.

- Are the battery contact terminals clean? Seek your dealer's help to clean the terminals.
- If the problem remains, please refer to the "Hard Reset" information on P.14.


Battery Charging Problems

Can not turn on the P50 when charging.

 Check the following:

This shows that the battery is over-discharged when you find the indicator on P50 turns to orange and the P50 can not be turned on while charging it. When the battery is over-discharged, it loses all its electric power. Please charge the phone for over 30 minutes and the system will boot up automatically.

Can not turn on the P50 after charging for over 30 minutes.

 Check the following:

When you find that you still can not turn on the P50 after charging it for over 30 minutes, this means that the P50 system enter the deep sleep mode incorrectly and it makes the P50 can not be turned on normally. Please note that if there are still some programs running and they are not closed correctly before the P50 system enters the deep sleep mode, the P50 will enter the sleep mode incorrectly.

Solutions: Step 1. Press the Power button.

Step 2. If step 1 doesn't work, please activate soft reset. For detail information about soft reset, please refer to "Soft reset" on page 13 in Chapter 3 Start Up.

Step 3. If step 2 doesn't work, please activate hard reset. For detail information about hard reset, please refer to "Hard reset" on page 14 in Chapter 3 Start Up. (Note: If you activate Hard Reset, all your data stored in the P50 will be deleted. We suggest you to backup your files and data regularly.)

② **How to avoid data lost caused by over-discharging of P50?**

☞ Check the following:

- A. Please charge your P50 within 72 hours after the system enters deep sleep mode.
- B. If you find the P50 system fail to boot up, please charge the P50 within 24 hours and activate soft reset.
- C. The P50 still needs a minimum power supply to perform deep sleep mode. If you need to remove the battery, please load the charged battery back to the P50 within 30 minutes in order to supply your P50 the power of maintaining deep sleep mode.
- D. Please backup your files and data regularly °

② **When carry the phone to board a plane:**

☞ Check the following:

- A. Switch the phone to Flight mode.
- B. Or unlock the battery lock to let the phone enter deep sleep mode.

<Memo>