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# S SERIES

USER MANUAL

**Rugged Portable Solutions**



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# Getting Started

This chapter introduces you to the external components of your device and guides you through the process of setting up your device for use.

## Identifying Hardware Components

## Front



Ref	Component	Description
❶	<b>LED Indicator</b>	blinking green shows charging
		steady green shows battery full
		blinking red shows battery low
		steady red shows battery fault
		alternately showing green and amber -> battery charging with Windows notify
		alternately showing red and amber -> battery low with Windows notify
		alternately showing amber and green -> battery full with Windows notify
		alternately showing amber and red -> battery fault with Windows notify
❷	<b>Touch Screen</b>	Displays the output of your device and responds to your tapping.
❸	<b>Power Button</b>	Turns on or off your device.
❹	<b>Microphone</b>	Records voices.
		Serves as the mouthpiece during a call (select models only).
❺	<b>Reset</b>	Reset the device
❻	<b>Keypad</b>	See the next section for details

# Keypad



Ref	Component	Description
❶	Left/Right Soft Key	Performs the command shown on the bottom left or right corner of the screen.
❷		
❸	Home	Bring you to “Today” screen.
❹	Message	Composing and Sending Messages
❺	Start Menu	Open the Start menu.
❻	Power Button	Turns your Pocket PC on or off.
❼	Navigation Button	Moves up, down, left or right by pressing the buttons respectively. Select the item by pressing the center button.

# Back /Sides



Ref	Component	Description
❶	Camera	Takes still pictures or records video clips.
❷	Speaker	Plays music, sounds and voices.
❸	Battery Cover	Battery Inside.
❹	Release button	To open the battery cover
❺	Stylus	Serves as the input device by tapping on the touch screen to make selections and enter information.

<b>⑥</b>	<b>Lanyard hole</b>	Hand string attaches to this hole.
<b>⑦</b>	<b>Camera button</b>	Press to take a photo
<b>⑧</b>	<b>External GPS Antenna</b>	This connector (under rubber dust cover) allows use of an optional external antenna which may be positioned on top of the car for better signal reception in areas with poor reception.

# Bottom Components



Ref	Component	Description
<b>①</b>	<b>Headphone Connector</b>	Connects to a pair of stereo headphones.
<b>②</b>	<b>USB OTG (Host &amp; Client) Connector</b>	Connects to the USB cable.
<b>③</b>	<b>Power Connector</b>	Connects to the AC adapter for charging the battery.

# Connecting to AC Power and Charging the Battery

Be sure to fully charge the battery before using your device for the first time.

1. Fit the converter plug to the AC charger.
2. Connect the DC jack end of the AC adapter to your device and the other end to a wall outlet.
3. The LED indicator blinking green when charging is in progress.

Do not disconnect your Pocket PC from AC power until the battery is fully charged. This will take a couple of hours.

**CAUTION:** For optimal performance of the lithium battery, take note of the following:

- Use the included AC adapter only.
- There is no need to fully discharge the battery before charging. You can charge the battery before it is discharged.
- Do not charge the battery where the temperature is high (e.g. in direct sunlight).
- If you will not use the product for a long period of time, be sure to fully charge the battery at least once every two weeks. Over discharge of the battery can affect the charging performance.
- Your device can also be charged when it is connected to a desktop computer via the USB cable.

## Performing the Initial Startup

When turning on your device for the very first time, you will be guided through a setup process.

1. Make sure that your device is either connected to AC power or the battery has power.
2. Press the power button to turn on your device.

3. Follow the on-screen instructions to complete the setup wizard.

4. For models with the phone function only:

If a SIM card has been inserted and the mobile phone network operator (or you) has set the PIN, you will be prompted to enter the PIN.

If a SIM card has not been inserted yet, a message of an invalid or missing SIM card will appear on the screen. You can tap **Cancel** to continue the startup procedure.

5. After the setup is completed, the Today screen appears. You can now use your device.

## Synchronizing with Your Computer

ActiveSync and Windows Mobile Device Center (WMDC) provide an easy way to synchronize data on a Windows-based computer with your device. ActiveSync works on computers that have the Windows XP operating systems. WMDC works only on computers that have Windows 7 or Windows Vista.

ActiveSync and WMDC act as gateways between your device and your computer for transferring Outlook e-mail, appointments, contacts, and tasks, and media such as pictures, music, and videos. You can also use the Explore feature in either program to move files or programs from your computer to your device.

# Installing ActiveSync or WMDC

If you're using Windows XP or earlier versions of Windows, install ActiveSync.

If you're using Windows 7 or Windows Vista, download and install Windows Mobile Device Center.

( Visit the Microsoft website to download the program and to obtain operating instructions. )

## NOTE:

- Before installation, make sure that you have Microsoft Outlook installed on your computer.
- Connect your device to the computer AFTER ActiveSync or Windows Mobile Device Center is installed.
- ActiveSync connection problems may occur in some specific cases. They are likely caused by interoperability with desktop firewall applications or applications that manage network traffic. For troubleshooting information, visit the Microsoft web site.

After the software installation, connect your device to your computer with the USB cable and you are ready to synchronize.





# Using Options

## Using an micro SD Card

Your device has a micro SD (micro Secure Digital) card slot where you can insert a micro SD memory card.

### NOTE:

- Make sure that no foreign objects enter the slot.
- Keep a micro SD card in a well-protected box to avoid dust and humidity when you are not using it.

# Chapter 2

## Basic Skills

This chapter familiarizes you with the basic operations of your Pocket PC such as using the stylus, navigation buttons, Home screen, menus, and programs. You will also know how to enter information and lock your Pocket PC.

### Power Saving and Turning Off

#### Backlight Off

The backlight of the screen dims out after a period of inactivity (default 30 seconds while on battery power and 1 minute while on external power).

To restore the backlight, tap the screen or press a button. Note that where you tap or what you press also causes the related task to be performed.

#### Entering the Suspend Mode

Your device automatically suspends after a period of inactivity (default 3 minutes while on battery power and 5 minutes while on external power).

To manually suspend the device, briefly press the power button.

To resume operation, press the power button. You will be back to where you left off.

## Turning Off

If you are not using your device, press and hold the power button until the device plays a 3 second countdown notification and turns off.

## Navigating on the Screen

### Stylus

Use the stylus to navigate and select objects on the screen.

Pull the stylus out of the slot and extend it for ease of use. Store it in the slot when not in use.


- **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. On the shortcut menu that appears, tap the action you want to perform.



### Navigation Button

You can also use the navigation button to navigate on the screen.

# Home Screen

When you switch on your device for the first time each day, you will see the Home screen. The Home screen can be easily accessed from any screen by tapping  and then **Home**.

The Home screen shows your upcoming appointments, active tasks, information about e-mail messages, and more. You can tap a section on the Home screen to open the program that is associated with that section.



## Landscape View

You can use your device in a landscape manner. To change the screen view, tap  → **Settings** → **System** → **Screen** → **General** → **Landscape** or **Portrait**.

# Navigation Bar and Toolbar

The navigation bar is located at the top of the screen. It displays the active programs and indicators for connectivity, volume, power, time, and others.

You can tap this bar to set up related items.

The navigation bar:




Use the toolbar at the bottom of the screen to perform tasks in the active program. The toolbar includes buttons such as the input panel button and Menu button.

An example of the toolbar:



## Programs


You can switch from one program to another without closing any program.

To run a program, tap  at the left-bottom corner of the screen to open the Start menu. The Start menu contains all the program icons. You can drag the screen up or down to see other program icons.

## Notifications

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

- A message appears on the screen.
- A sound, which you can specify, is played.
- The notification indicator flashes in amber.

To choose reminder types and sounds for your device, tap  → **Settings** → **Sounds & Notifications**.

## Entering Information


You have several options for entering new information:

- Use the Input panel to enter typed text, either by using the on-screen keyboard or other input methods.
- Write directly on the screen.
- Draw pictures on the screen.
- Speak into the microphone to record a message.

## Entering Text Using the Input Panel

Use the Input panel to enter information in any program on your device. You can either type using the on-screen keyboard or write using a recognizer. In any case, the characters appear as typed text on the screen.

To show or hide the Input panel, tap the . By default, the soft keyboard appears.

To change to a different input mode, tap and hold  and select from the popup menu.

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


## Recognizer

With a recognizer, you can write letters using the stylus just as you would use a pen on paper.

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


## Writing on the Screen

In any program that accepts writing, such as the Notes program, 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 have written and convert the information to text later.

To write on the screen, tap  → **Draw** to switch to drawing mode. A check (✓) appears before the command.

## Drawing on the Screen

You can draw on the screen in the same way that you write on the screen.





1. Tap  → **Draw** to enable drawing mode. A check (✓) appears before the command.

2. To create a drawing, cross three ruled lines on your first stroke. A drawing box appears.
3. 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.

## Recording a Message

You can quickly capture thoughts, reminders and phone numbers by recording a message. In the Notes program, you can either create a stand-alone recording or include a recording in a written note. If you want to include the recording in a note, open the note first. In the Messaging program, you can add a recording to an email message.

To create a recording:

1. Tap  → **Notes** to switch to the program.
2. Tap  → **View Recording Toolbar** to show the Recording toolbar.
3. Hold the device's microphone near your mouth or other source of sound.
4. Tap the  Record button on the Recording toolbar to start recording.
5. To stop recording, tap the  Stop button on the Recording toolbar. The new recording appears in the note list or as an embedded icon.

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



## Using My Text

When using Messaging, use My Text to quickly insert preset or frequently used messages into the text entry area. To insert a message, tap **Menu** → **My Text** and then tap a message.

## Securing Your Device

### Locking Your Device


When not using your device, you can lock the device so that accidental touching of the keypad or touchpad does not cause it to operate.

To lock the device: tap **Device unlocked** on the Today screen.

To unlock the device: tap **Unlock** (or press the left soft key on the device) → **Unlock** (or press the \* key on the device).

### Securing Your Device with a Password

You can help keep your data more secure by requiring a password every time your device is switched on.

1. Tap  → **Settings** → **Personal** → **Lock**.
2. Tap to select **Prompt if device unused for**, and in the box to the right select a desired period of time.
3. Select the password type.
4. Enter the password you want to use to access your device when it is locked, and then confirm the password.

## Chapter 3

# Using the Phone (Select Models Only)

This chapter tells you how to use the mobile phone function of your device.

## About Your Phone


Select models are equipped with the HSDPA (High-Speed Downlink Packet Access) module. HSDPA is an enhanced 3G (third generation) mobile telephony communications protocol. It can operate on 850/900/1800/1900/2100MHz.

To use the phone, you need to first set up an account with a mobile phone network service. The functions available to you depend on the services offered by your mobile phone network service provider and your type of subscription.

Your service provider will provide you with a SIM card. This card contains your mobile phone account details and rights, contacts that can be stored and any additional services to which you have subscribed. You must install a SIM card before you can make or receive phone calls or use wireless data services.

# Switching On or Off the Phone

When the device is turned on, the phone is switched on by default. When needed (for example, on an airplane), you can switch off the phone without turning off your device.

1. Tap the  Wireless Manager section on the Today screen.

– or –

Tap the connectivity indicator on the navigation bar and tap **Wireless Manager**.

2. The Wireless Manager screen appears.

Tap **Phone** to switch it from on to off or the other way around. Tap **Done**.


3. When the phone is switched on, you may be requested to enter the PIN (Personal Identification Number) code if it has been set.

Then, your device will search for the mobile phone network service and show the name in the Wireless Manager section on the Today screen.

When the phone is switched off, the Wireless Manager section on the Today screen displays **Phone off**.

## Starting the Phone Program

Start the Phone program by any of the three methods:

- Press the **Send** key on the device.
- Tap **Phone** (left soft key) on the Today screen.
- Tap  → **Phone**.









**NOTE:** If the phone is currently off, you will be asked to turn it on.








Whenever you start Phone, the Phone screen displays the soft keypad. You can tap **Hide Keypad** (left soft key).

You can use other programs during a call. To quickly switch back to Phone, press the **Send** key on your device.

# Phone Status Icons

Icons will be displayed on the navigation bar to indicate the status of the phone functions. They are listed below.

Icon	Meaning
	Phone off (airplane mode)
	Signal strength
	Call in progress
	Missed call
	Call on hold
	GPRS available
	GPRS in use
	EDGE available

Icon	Meaning
	EDGE in use
	WCDMA/UMTS available
	WCDMA/UMTS in use
	HSPA available
	HSPA in use
	New message
	Missing SIM card

# Making a Call

There are several ways you can make a call.

## Dialing a Call

1. **When on the Today screen:** Press the numeric keys on your device to start entering the phone number. Your device will automatically switch to the Phone program.

**While in the Phone program:** Enter the phone number using the physical or onscreen keypad.

2. As you enter the phone number, the program searches Contacts, Call History, and Speed Dial to find a matching name and/or number. When you see the name of the person to call listed, select it and the desired phone number.

Or, you can continue entering the complete phone number.

3. Press the **Send** key on your device to make the call.

### NOTE:

- If you enter a wrong number, use the Backspace key to erase individual numbers one at a time.
- If you are making an international call, tap and hold on the number key 0 until the + sign appears. The + sign replaces the international prefix of the country from where you are calling.

## Making a Call from the Onscreen List

Whenever you start the Phone program, the screen

lists all recent calls, speed dials, and contacts.

If the list contains the number you want to call, you can conveniently select from the list and press the **Send** key on your device.

**NOTE:** To view a different list on the Phone screen, tap **Menu → View** and select one of the options.

## Making a Call from Contacts

Microsoft Contacts displays your contact information stored both in your device's memory and on your SIM card. (See “[Contacts: Tracking Friends and Colleagues](#)” in Chapter 5 for detailed information on the Contacts program.)

1. Start the Contacts program.
2. Do one of the followings to call a person in the contact list:
  - Tap the contact to call. Then tap the number to call; or move to the number to call and then tap **Call** or press the Send key.
  - Tap and hold on the contact to call, and then tap the number to call in the shortcut menu.

## Making a Call from the Call History List

The Call History list displays the calls you made, received or missed.

1. While in the Phone program, tap **Call History**.

If you have hidden the keypad, tap **Keypad** to see the **Call History** key.

2. Do one of the followings to call a person in the Call History list:
  - Select the number to call and then tap **Call** or press the **Send** key on your device.
  - Tap and hold on the number to call and then tap **Call** in the shortcut menu.

## Making a Call from Speed Dial

If you have created speed dial entries, you can call a person quickly. (See “[Using Speed Dial](#)” in this chapter for information.)

When on the Today screen or in the Phone program, press and hold the numeric key of the assigned speed dial number to make the call.

## Responding to a Call

When an incoming call is received, your device rings or vibrates according to the options you have set for the phone. The name and number of the caller

are displayed on the pop-up window. If the name of the caller is not in your contact list, only the caller's phone number is displayed.

## Answering a Call

To answer an incoming call, press the **Send** key on your device or tap **Answer** (left soft key).

## Rejecting a Call


To reject an incoming call, press the **End** key on your device or tap **Ignore** (right soft key).

## Ending a Call

To end a call, press the **End** key on your device or tap **End** on the screen.

# Operations during a Call

## Adjusting the Phone Volume


To adjust the volume during a call, tap the  icon on the navigation bar and select a volume level.

**CAUTION:** Never raise the sound volume level too high when using earphones. An excessive sound volume level could cause damage to your hearing.



## Using the Mute Function


During a call, you can mute your microphone so that the person with whom you are speaking cannot hear you, but you can still hear him or her.

On the Phone keypad, tap **Mute** to switch on the mute function. The icon  will appear on the upper-right corner.

To switch off the mute function, tap **Unmute**.

## Using the Speakerphone

You can switch on the speakerphone to use your device as a hands-free solution.

On the Phone keypad, tap **Speaker On** to switch on the speakerphone function. The icon  will appear on the navigation bar.

To switch off the speakerphone function, tap **Speaker Off**.

## Managing More Than One Call

**NOTE:** You may need to register for the “call waiting” service with your mobile phone network service and set your device accordingly. The exact number of people you can talk at the same time depends on your mobile phone network service.

During a call, you can make or take a second call while putting the current call on hold. Then, you can choose to swap between the two callers or set up a conference call between all three parties.

## Holding a Call to Take a Second Call

1. If there is another incoming call when you are talking on your device, a pop-up window appears to notify you.
2. Tap **Answer** to place the first call on hold, and answer the second call.

3. To end the second call and go back to the first, tap **End**.

## Rejecting the Second Call

To reject the second call and keep your current call in progress, tap **Ignore**. Be careful not to tap **End**; doing so will end the current call.

## Placing a Call on Hold to Make a Second Call

1. During a call, tap **Hold** to place the first call on hold.
2. Dial a second number or the first few letters of the second contact's name by using the numeric keypad on your device. Then press the **Send** key to connect. Wait for it to be picked up.
3. To end the second call and go back to the first, tap **End**.

## Swapping between Calls

When you have put a call on hold and made or taken another call as described earlier, you can swap between the two calls by tapping **Swap**.

## Setting up a Conference Call

**NOTE:** You may need to consult your mobile phone network service for the availability and subscription of the conference call function.

1. When you have put a call on hold and made or taken another call as described earlier, you can set up conference calling by tapping **Menu** → **Conference**.
2. To add additional people to your conference, tap **Hold**. Dial a second number and press the **Send** key to connect. Wait for it to be picked up. Then tap **Menu** → **Conference**.
3. If you want to talk to one of the parties privately during the call, tap **Menu** → **Private**. Select a number, and tap **Private**.


To include everyone in the call again, tap **Menu** → **Conference**.

## Taking a Note during a Call

You can take a note during a call.

1. Tap **Note**.
2. Enter your note and tap **ok**.

To access a note you created during a call:

1. While in the Phone program, tap **Call History**.
2. The  icon indicates that the phone call entry contains a note. Tap and hold the name or number for that entry, and tap **View Note** in the shortcut menu.

**NOTE:** You can also tap  → **Programs** → **Notes**, and access the note in the Calls folder.


## Using Call History

Call History provides the time and duration of all incoming, outgoing, and missed calls, and a summary of total calls. Call History also provides easy access to any notes taken during a call.



To access Call History while in the Phone program, tap **Call History**.

## Viewing Call History

You can tap **Menu** → **Filter** to change the Call History view (**All Calls** by default).

- **All Calls:** Displays all calls made to and from your device in a chronological order.
- **Missed** (): Displays only calls that were

not answered.

- **Outgoing** (  ): Displays only calls made from your device.
- **Incoming** (  ): Displays only calls made to your device.

To see the time, date and duration of a call, tap the item on the list to view details.

To clear all items on the list, tap **Menu** → **Delete All Calls**.

## Adding an Entry to Contacts Using Call History

You can add a phone number in the Call History to Outlook Contacts or SIM Contact.

1. Tap and hold the entry you wish to transfer, and tap **Save to Contacts** in the shortcut menu.
2. Tap **<New Contact>** and select a contact type.
3. Enter the contact's name, and select the proper number type.
4. Tap **Save** to save the entry.

## Using Speed Dial

You can create Speed Dials for frequently-called phone numbers so you can dial a number with a single key press.

## Creating a Speed Dial Entry

Speed dials can only be created for numbers

stored in Contacts.

1. While in the Phone program, tap **Speed Dial**.
2. Tap **Menu → New**.
3. Tap the desired contact.
4. In **Name**, accept the current name or change it if you want to.
5. In **Number**, select the phone number if there is more than one number for the contact.
6. If **Location**, accept the current speed dial number or change the number if you want to.
7. Tap **ok** to save the setting.

The new Speed Dial entry is now on the Speed Dial list. The letter on the lower-right corner of the entry indicates the assigned phone number. For example, “m” indicates the mobile phone number.

**NOTE:** The first Speed Dial location is reserved for your voice mail.

## Editing or Deleting a Speed Dial Entry

1. While in the Phone program, tap **Speed Dial**.
2. Tap the desired entry and tap **Delete**.

— or —

Tap and hold on the desired entry, and tap **Delete** in the shortcut menu.

3. Tap **Yes**.

# Customizing Your Phone

To access the Phone Settings, start the Phone program and tap **Menu** → **Options**.

## Changing Phone Settings

Tap the **Phone** tab.

You can customize phone settings, such as the ring type and ring tone to be used for incoming calls, and the keypad tone to be used when entering phone numbers.

**NOTE:** To use custom .mp3, .wav, or .mid files as ring tones for incoming calls, copy the files to the \Application Data\Sounds folder on your device or to the inserted storage card. Then, select the sound from the Ring Tone list.

## Changing Security Settings

Tap the **Security** tab.

You can protect your phone from unauthorized use.

You might be prompted to enter the PIN2 code for specific functions (such as the pre-paid card's charging counters). Consult your mobile phone network service to check if your SIM card supports PIN2-related functions and services.

**NOTE:** Emergency calls can be placed at any time without requiring a PIN code.

# Changing Services Settings

Tap the **Services** tab.

You can access and configure settings for the phone services you subscribed to through your mobile phone network service. For example, you may want to block certain types of incoming and/or outgoing calls, forward incoming calls to a different phone number based on your situation, be notified of incoming calls when you are already in a call, or let others know your identity when making calls. Services available to you depend on your mobile phone network service and the type of your subscription.

To view your services settings, tap a service and then tap **Get Settings**.

# Changing Network Settings

Tap the **Network** tab.

You can view available wireless networks, determine the order in which your phone accesses another network if the current one is unavailable, and specify whether you want to change networks manually or automatically. The current network will remain active until you change it, lose your signal, or change your SIM card.

# Additional Phone Operations

## Using Text Messages

Text messages are automatically received when your phone is switched on. The Today screen shows if there are new text messages. You can tap the section to open the message list.

To send a text message, you can do one of the followings:

- First select a phone number from a program such as Phone or Contacts. Then select **Send Text Message** from the shortcut menu or soft key.
- First start the Messaging program. Then select the phone number.

See “Reading Text Messages” and “Composing and Sending a Text Message” in Chapter 5 for more information.

## Setting up an Internet Connection

You can set up an Internet connection using the mobile network. See “[Using Cellular Connection \(Select Models Only\)](#)” in Chapter 7 for information.

## Checking Your Voice Mail

The first position in your speed dial list defaults as your voice mailbox. When you insert your SIM card, your device automatically detects your voice mailbox number and sets it to the first position in your speed dial list.

## Making an Emergency Call

You can use your device to dial the international emergency number 112. This number can normally be used to make an emergency call in any country with or without a SIM card inserted, as long as you are within a mobile phone network.



Some mobile phone network services may require that a SIM card be inserted, and in some cases that the PIN be entered.

There may be other emergency numbers available. Your mobile phone network service may save additional local emergency numbers in the SIM card.

## Dialing an International Call

When you are manually dialing a number, tap and hold on the number key 0 until the + sign appears. The + sign replaces the international prefix of the country from where you are calling.

Enter the full phone number you want to dial including country code, area code (without the leading area code zero) and local phone number.

# Chapter 4

# Managing Your Device


This chapter tells you how to effectively manage power, settings, data and programs of your device.

## Managing Power

A fully charged battery should provide power for up to 8 hours of use. The operating time of a fully charged battery depends on how you are using the device. Some functions, such as using multimedia or operating a SD/MMC card, may consume the battery power considerably.

## Low Battery Signals and Actions



**CAUTION:** When you recharge the battery upon a warning of low power, you should charge for at least 30 minutes. If you unplug the AC charger soon, you may not have sufficient battery power for your operation.

You can monitor the battery power by tapping  → **Settings** → **System** → **Power**. The remaining power is displayed on a status bar in the Power control panel.

When the battery is low, your device will pop up a warning message and a beep will sound. You should save your data and recharge the battery immediately upon a warning of low power; otherwise your device will turn off automatically. You need to connect the device to external AC power for charging before you can use it again.


# Power-Saving Tips

Follow these suggestions to maximize the battery's operating time, particularly when you are relying solely on the battery power for extended time periods.

- Suspend frequently.  
By default, the screen backlight will automatically dim out and the device will also suspend when it has been idle for a period of time. You can shorten the length of the idle time using  → **Settings** → **System** → **Power** → **Advanced** to set up.  
Press the power button to suspend your device when it is not in use, even for a short time.
- Turn off functions not needed or adjust settings.
  - ✓ Lower the volume.
  - ✓ Do not enable sounds or light flashing except for the most necessary notifications. (Tap  → **Settings** → **Personal** → **Sounds & Notifications** to set up.)
- Avoid power-consuming situations such as:
  - ✓ Using a modem or other peripheral
  - ✓ Playing sound or music
  - ✓ Recording
  - ✓ Using or monitoring wireless signals

# Customizing Your Device

**NOTE:** Incorrect settings may cause your system to malfunction. Make sure that you fully understand the function of a certain item before any adjustment.

You can customize the settings of the device to your own preferences. Tap  → **Settings**. Then tap the **Personal**, **System** or **Connections** tab.

## Settings – Personal

Item	Description
Buttons	To assign programs to hardware buttons (not supported by your device) and set the repeat rate of the up/down control.
Input	To set up items related to the input methods and voice recording format.
Lock	To set a password for security. (See “Securing Your Device” in Chapter 2 for more information.)
Menus	To customize what appears on the Start menu.
Owner Information	To enter your personal information.
Phone	To customize the phone function. (See “Customizing Your Phone” in Chapter 3 for more information.)
Sounds & Notifications	To set the conditions and types of the sounds, system volume and ways of notifications.
Today	To select the information you want displayed on the Today screen and to select a desired theme for the background.

# Settings – System

Item	Description
<b>About</b>	To show the hardware information of your device and to define the name that your device uses for identifying itself to other computers.
<b>Backlight</b>	To adjust the brightness level of the display and to set the automatic turnoff for power saving purposes.
<b>Certificates</b>	To establish your identity or the identity of other computers. This helps prevent unauthorized users from accessing your device and information.
<b>Clock &amp; Alarms</b>	To change the time and date and to set alarms.
<b>Customer Feedback</b>	To set if you want to send your feedback on using the Windows Mobile software.
<b>Encryption</b>	To set if you want to encrypt files placed on storage cards. The encrypted files will be readable only on this device.
<b>Error Reporting</b>	To enable or disable error reporting. Error Reporting sends information needed by technical support groups to diagnose a program error for a device running Windows Mobile software.
<b>GPS</b>	To configure the GPS hardware settings and manage GPS.
<b>Managed Programs</b>	To manage the programs you installed.
<b>Memory</b>	To display the allocation between storage and program memory, to view the memory on the storage card (if installed) and to manually stop a program if it becomes unstable or program memory is low.
<b>Power</b>	To show the remaining battery power and to set the time for the device to turn off automatically.

<b>Regional Settings</b>	To specify the region of your location and the formats of the number, currency, time and date.
<b>Item</b>	<b>Description</b>
<b>Remove Programs</b>	To remove programs you added to the memory of your device.
<b>Screen</b>	To set the orientation of the screen to portrait or landscape.
	To adjust the touch screen for accurate screen taps.
	To enable the ClearType feature for easier reading of text in programs that support ClearType.
	To adjust the text size to see more content or increase the readability in many programs.
<b>System Information</b>	To display the system information.
<b>Task Manager</b>	To display the information about the system performances and the detailed information of the running programs on your device. You can also end or manage the running programs in Task Manager.
<b>Windows Update</b>	To set how you want your device to check for important updates.

## Settings – Connections

<b>Item</b>	<b>Description</b>
<b>Beam</b>	To receive information and files via Bluetooth technology.
<b>Bluetooth</b>	To set up or change the Bluetooth connection.
<b>Connections</b>	To set up or change connection information.
<b>Domain Enroll</b>	To connect your device with company resources. You will need the enrollment password provided by your system administrator.

Item	Description
<b>USB to PC</b>	To change the type of USB connection your device is using and to enable advanced network functionality.
<b>Wi-Fi</b>	To search for wireless networks and configure the wireless network module.
<b>Wireless Manager</b>	To change the Wi-Fi, Bluetooth, and Phone radio status.

## Searching and Organizing Information

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

To search a file, tap  → **Programs** → **Search**. Enter the text you want to find, select a data type and then tap **Search** to start the search.

You can also use the File Explorer to find files on your device and to organize these files into folders. Tap  → **Programs** → **File Explorer**.

**NOTE:** You can move files in File Explorer by tapping and holding the item you want to move, tapping **Cut** or **Copy** on the shortcut menu, browsing to the new location and then tapping **Paste**.

## Chapter 5


# Microsoft Pocket Outlook

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

**NOTE:** For detailed information on using Microsoft programs, tap  → **Help**.

## Calendar: Scheduling Appointments and Meetings

Use Calendar to schedule appointments, including meetings and other events. You can check your appointments in one of several views (Agenda, Day, Week, Month and Year), and set Calendar to remind you of appointments with a sound or other methods. Appointments for the day can be displayed on the Today screen.

Tap  → **Calendar**.

**NOTE:** You can customize the Calendar display (for example, change the first day of the week), by tapping **Menu** → **Tools** → **Options**.



## Creating an Appointment

1. In Day or Week view, tap the desired date and time for the appointment.
2. Tap **Menu** → **New Appointment**.
3. Using the Input panel, tap first to select the field, and then enter a description and a location.
4. Enter other desired information. You will need to hide the Input panel to see all available fields.
5. Tap **ok** to save and return to Calendar.

## Using the Calendar Summary Screen


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

**NOTE:** If you receive a meeting request, you can tap **Reply** to send an e-mail to the meeting host.

# Contacts: Tracking Friends and Colleagues

**Contacts** maintains a list of your friends and colleagues so that you can easily find the information you are looking for, whether you are at home or on the road.

Tap  → **Contacts**. The Contacts list appears.

For models with the phone function, contacts stored in the SIM card also appear in the list (indicated by the icon  ).

## Creating a Contact

1. In Contacts, tap **New**.
2. For models with the phone function, you will be asked to select Outlook contact or SIM contact if the phone function is switched on.
3. Using the Input panel, enter a name and other contact information. You will need to scroll down to see all available fields.

**NOTE:** You can only set the contact's name and phone number for a SIM contact.

4. Tap **ok** to save and return to the contact list.

# Using the Contacts Summary Screen

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

**NOTE:** You can manage SIM contacts only when the phone function is turned on (select models only).

# Tasks: Keeping a To Do List

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

Tap  → **Programs** → **Tasks**.

## Creating a Task

1. In Tasks, tap **Menu** → **New Task**.
2. Using the Input panel, enter a description.
3. You can enter a start date and due date or enter other information by first tapping the field. If the Input panel is open, you will need to hide it to see all available fields.
4. Tap **ok** to save and return to the task list.

## Using the Tasks Summary Screen

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

## Notes: Capturing Thoughts and Ideas

Quickly capture thoughts, reminders, ideas, drawings and phone numbers with Notes. You can create a written note or an audio recording. You can also include a recording in a note.

Tap  → **Programs** → **Notes**.

### Creating a Note

1. In Notes, tap **New**.
2. Create your note by writing, drawing, typing, or recording.
3. Tap **ok** to save and return to the note list.

# Messaging: Sending and Receiving Messages

You can work with e-mail and text messages (select models only) from Messaging.

Tap  → **Messaging**. The account selection screen appears.


## About Accounts

You can use multiple services to send and receive messages. For different ways of accessing messages, there are different types of account:

- **Text Messages** (select models only): This item appears if your model comes with the phone function.
- **Outlook E-mail**: This item appears if you have synchronized directly with a Microsoft Exchange Server account or with Microsoft Outlook on your computer.
- **An Internet account**: You have to manually set up such an account. This type of account depends on a service provider or a mobile operator (select models only) to provide the messaging services that enable you to send and receive e-mail over the Internet.

## Setting up an Internet E-mail Account

You can set up only one Outlook account on your device. However, you can set up multiple Internet e-mail accounts.

1. Tap  → **Messaging**.


2. Tap **Setup E-mail** on the account selection screen.
3. Follow the on-screen instructions to complete the setup.

During setup, you can enable Auto Setup to search for and enter the settings of the e-mail account with which you want your device to synchronize. If Auto Setup does not find the settings, you may have to ask your ISP, mobile operator, or system administrator for the correct settings, and then enter them yourself.


## Reading E-mail Messages

When you connect to your email server or synchronize with your desktop computer or server, by default, you will receive messages from the last three days only and the first 2 KB of each new message, and not to sync file attachments. The original messages remain on the server or your desktop computer.

To read E-mail messages:

1. Tap  → **Messaging**.
2. Tap the account you want to use on the account selection screen.
3. Messages you receive are displayed in the message list. Tap an item to open it.

## Composing and Sending an E-mail

1. Tap  → **Messaging**.
2. Tap the account you want to use on the account selection screen.
3. Tap **Menu** → **New**.

**NOTE:** You can also send an e-mail message by selecting a contact with an e-mail address from another program such as Contacts or Phone. Then select **Send e-mail** from the shortcut menu or soft key.


4. Enter the e-mail address of one or more recipients, separating them with a semicolon. To access addresses from Contacts, tap **To**.
5. Enter your message and subject. To quickly add common messages, tap **Menu** → **My Text**, and tap a desired message.
6. To add an attachment to the E-mail message, tap **Menu** → **Insert**, and tap the item you want to attach: **Picture**, **Voice Note**, or **File**. Then select the file you want to attach or record a voice note. Embedded objects cannot be attached to messages.
7. Tap **Send**.

**NOTE:** If you are working offline, e-mail messages are moved to the Outbox folder and will be sent the next time you connect.


## Reading Text Messages (Select Models Only)

Text messages are automatically received when your phone is switched on. The Today screen shows if there are new text messages. You can tap the section to open the message list.

To manually open the message list:

1. Tap  → **Messaging**.
2. Select **Text Messages** on the account selection screen.
3. The message list appears. Select the item you want to read.

# Composing and Sending a Text Message (Select Models Only)

1. Tap  → **Messaging**.
2. Select **Text Messages** on the account selection screen.
3. Tap **Menu** → **New**.

**NOTE:** You can also send a text message by selecting a phone number from another program such as Contacts or Phone. Then select **Send Text Message** from the shortcut menu or soft key.

4. Enter the phone number of one or more recipients, separating them with a semicolon.

To select phone numbers from Contacts, tap **To**.

5. Enter your message.

To quickly add common messages, tap **Menu** → **My Text**, and tap a desired message.

6. Tap **Send**.



# Chapter 6

## More Programs

In addition to Microsoft Pocket Outlook, there are other programs built into your device. This chapter tells you how to use these programs.

**NOTE:** For detailed information on using Microsoft programs, tap  → **Help**.

### ActiveSync

ActiveSync on your device works with ActiveSync on a Windows XP computer and with Windows Mobile Device Center on a Windows Vista computer.

When you have established the connection between your device and your computer, you can synchronize the information between the two with ActiveSync. Synchronization compares the data on the two sides and updates both computers with the most recent information. For example, you can:

- Keep your Pocket Outlook Contacts, Calendar and Tasks databases up-to-date by synchronizing your device with Microsoft Outlook data on your computer.
- Synchronize e-mail messages in your device Outlook Inbox with e-mail messages in Microsoft Outlook on your computer.
- Synchronize Microsoft Word, Excel and PowerPoint files between your device and computer. Your files are automatically converted to the correct format.


You can select which information types are synchronized and control how much data is synchronized. (See the ActiveSync or Windows Mobile Device Center help on your computer.)

With ActiveSync, you can also:

- Copy (rather than synchronize) files between your device and computer.
- Add and remove programs on your device.
- Pass through your computer to a network or the Internet.

## Synchronizing Data

Once you have created a synchronization relationship and completed the first synchronization, you can initiate synchronization from your device.

1. Connect your device to your computer.
2. On your device, tap  → **Programs** → **ActiveSync**.
3. Tap **Sync** to begin synchronization.


**NOTE:** In addition to the USB cable, you can also synchronize by using Bluetooth. (See the ActiveSync or Windows Mobile Device Center help on your computer.)

## Synchronizing Directly with Exchange Server


You can increase your productivity when you are away from the office by setting up an account to access e-mail, voice mail, calendar, and contact information from a Microsoft Exchange Server.

Exchange Server, the Microsoft messaging and collaboration server, lets you send and receive your work e-mail, calendar updates, voice mail, and contact information while traveling.

To set up the account, you must obtain the name of the Exchange Server and the server domain from the wireless service provider or system administrator. You must also know your Exchange user name and password.


1. Make sure your device is not connected to your computer.
2. On your device, tap  → **Programs** → **ActiveSync**.
3. Tap **Menu** → **Add Server Source**.
4. Follow the on-screen instructions to complete the setup.
5. Connect your device to the Internet for synchronization with Exchange Server.

**NOTE:**

- If a message pops up asking you to accept security policies for synchronization with Exchange Server, tap **OK** to proceed.
- You may be prompted to set the password for device lock. You can set a longer period of time (maximum of 24 hours) before your device prompts you to enter the password again.
- To disable the Direct Push feature, tap  → **Programs** → **ActiveSync**. Tap **Menu** → **Options**, uncheck the **E-mail** item and then tap **ok** to save the changes.

# Office Mobile


Microsoft Office Mobile works with Microsoft Office on your computer to give you easy access to copies of your documents.

Tap  → **Office Mobile** and select the program to use.

- Excel Mobile
- OneNote Mobile
- PowerPoint Mobile
- Word Mobile

## Creating a Document/Workbook/Note

**NOTE:** You cannot create or edit PowerPoint presentations on your device.

1. Tap  → **Office Mobile** and select the program to use.
2. Enter the information.
3. When finished, tap **ok** and the document/workbook/note is automatically saved and named according to the first characters of text entered in the document.

## Opening a Document/Workbook/Note/Presentation


Whenever you switch to an Office Mobile program, you will see the file list. Tap the desired file to open it. You can open only one document at a time; when you open a second document, the first will be saved and closed automatically.

# Internet Explorer

**NOTE:** When surfing the Internet, your device uses the default Internet connection in **Settings** → **Connections** → **Connections** → **My ISP** settings. If you want to surf the Internet through Wi-Fi, connect to the wireless network before starting Internet Explorer. (See Chapter 7 for information.)

Tap  → **Internet Explorer**. The Internet Explorer Mobile home page appears.

Tap **Favorites** to display the Favorites list. Tap the page that you want to view.

To visit web pages not included in Favorites, in the address bar that appears at the top of the screen, enter the web address you want to visit and then tap . Or, tap the arrow to choose from previously entered addresses.

# Windows Live and Messenger


Windows Live lets you wirelessly access many of the features of the Windows Live Web site.

- You can access your Windows Live Hotmail.
- You can access your Windows Live Messenger and contacts.
- You can merge your Messenger contacts with the contacts on your device. From the device contact list, you can access the contacts' Windows Live Spaces and you can initiate an e-mail or an instant message to any contact.
- The Windows Live Search bar can help you find local services, images, and information on the Internet.
- You can send a photo to your Windows Live Space.

## NOTE:

- You must have a Windows Live ID and password to use this service.
- To use Windows Live, you must have an Internet connection.

## Setting up Windows Live

1. Tap  → **Programs** → **Windows Live**.
2. Tap **Sign in to Windows Live**.
3. Tap **Accept** to proceed.
4. Follow the on-screen instructions to complete the setup.

## Signing in to Messenger

Before you sign in to Messenger, you need to sign in to Windows Live first.

1. Tap  → **Programs** → **Messenger**.
2. Tap **Sign in**.

**NOTE:** To sign out from Messenger, tap **Menu** → **Sign out**.


## Windows Media

Use Microsoft Windows Media Player Mobile to play digital audio and video files that are stored on your device or on a network, such as on a web site.

You can play files in either Windows Media or MP3 format (including files with the extensions .asf, .wma, .wmv and .mp3).

Tap  → **Programs** → **Windows Media**.

Use Microsoft Windows Media Player on your computer to synchronize (if using Windows Media Player 10) or copy (if using Windows Media Player 9) digital audio and video files from your computer to your device.

For more information, tap  → **Help**, or see Windows Media Player Help on the computer.


## Pictures & Videos

With Pictures & Videos, you can:

- View pictures and video clips.
- Send pictures and videos to others.
- Set a picture as the background on the Today screen.

- Play slide show.
- Edit your pictures.

## Viewing Pictures and Videos

1. To view pictures or video stored on a storage card, insert the card.
2. Tap  → **Programs** → **Pictures & Videos**.


By default, the program displays thumbnails of the pictures and videos in the **My Pictures** folder, within the **My Documents** folder on your device.

3. Thumbnails of pictures and videos appear on the screen. You can tap one of them to view in full screen.

## Camera

The Camera program allows you to take pictures and record video clips.

## Taking Pictures

1. To start the program, press the  key on your device or tap  → **Programs** → **Pictures & Videos** → **Camera**.





The Camera screen appears. Below the display area are indicators of the current status.



2. For camera controls such as brightness and zooming, tap **Menu**.

Menu Items	Descriptions
<b>Mode</b>	Three choices: 1. <b>Normal</b> 2. <b>Burst</b> – Continuous shooting of 5 pictures 3. <b>Timer</b> – 5 second countdown before shooting
<b>Brightness</b>	Seven brightness levels
<b>Resolution</b>	Six choices from 160x120 to 2048x1536 (640x480 by default)
<b>Zoom</b>	Available choices depend on the resolution.
<b>White Balance</b>	Five choices from which you can select one that matches the current light source.
<b>Flash</b>	Flash on or off.
<b>Full Screen</b>	Full screen on or off.
<b>Options</b>	Overall settings to the Camera program.
<b>Flicker</b>	Set to the frequency of the local electrical system (60Hz or 50Hz) for flicker free shooting where electrical lights exist.
<b>Night Mode</b>	On or off. Set to <b>On</b> for shooting in low light situations.

**NOTE:** By default, the display area blanks out and shows the word “Standby” when the camera has been idle for one minute. To resume, tap the screen.

3. Aim the camera lens at the subject. Press the  key halfway down for automatic focusing. A white frame appears. Wait until the color of the frame turns green indicating the subject is in focus.
4. Press the  key fully to take the picture.
5. The result shows on the screen if the picture was taken in Normal or Timer mode. At this time, you can tap **Menu** to perform a desired task to the current picture. Tap **Camera** or **ok** to go back to the Camera screen.
6. The picture is saved to the predefined storage location (as long as you didn't delete it in the previous step).

## Recording Video Clips

1. To start the program, press the  key on your device or tap  → **Programs** → **Pictures & Videos** → **Camera**.
2. Tap **Menu** → **Video** to switch to the video mode. Below the display area are indicators of the current status.
3. For recording controls such as brightness and white balancing, tap **Menu**.

Menu Items	Descriptions
<b>Brightness</b>	Seven brightness levels
<b>Quality</b>	352 x 288
<b>White Balance</b>	Five choices from which you can select one that matches the current light source.
<b>Full Screen</b>	Full screen on and off.
<b>Options</b>	Overall settings to the Camera program.

**NOTE:** By default, the display area blanks out and shows the word “Standby” when the camera has been idle for one minute. To resume, tap the screen.

4. Press the  key to start recording.

If needed, you can tap **Pause** to temporarily pause the recording and then tap **Resume** to continue.

5. To stop, press the  key or tap **Stop**.

Or, the recording will automatically stop when the length reaches the pre-defined maximum value (30 seconds by default).

6. The video clip is saved to the predefined storage location. To view the video clip, tap **Thumbnails**.

# Internet Sharing (Select Models Only)

Using Internet Sharing, you can use your device as an external modem for the computer via the USB or Bluetooth connection.

**NOTE:** The Internet Sharing function does not support Windows 98.

1. Make sure that your device is not connected to another device, and that you have installed proper GPRS settings.

2. To use USB connection, connect your device to the computer with the USB cable.

To use the Bluetooth connection, you must first initiate and complete the Bluetooth Personal Area Network (PAN) partnership on the computer. (For more information, refer to Windows Help and Support.)

3. Tap  → **Programs** → **Internet Sharing**.

4. In **PC Connection**, select **USB** if using USB connection.

Select **Bluetooth PAN** if using Bluetooth connection. When prompted to make your device as visible in the Bluetooth settings, tap **Yes**.

5. In **Network Connection**, select your GPRS setting (select models only).

6. Tap **Connect** for your device to connect to the Internet.

Now your computer connects to the Internet via your device.


7. To end the connection, tap **Disconnect** on your device.

# Remote Desktop Mobile

Using **Remote Desktop Connection**, you can log on to a Windows Terminal Server and use all programs installed on this server.

**NOTE:** You can only access a remote computer on which the Terminal Services or Remote Desktop program has been installed.

To connect to a remote computer:

1. Tap  → **Programs** → **Remote Desktop Mobile**.
2. Select the computer. Enter the user name, password, and domain.
3. Tap **Connect**.

# Chapter 7

## Getting Connected

This chapter tells you how you can get your device connected through a variety of ways.

### Types of Connections

Your device can connect to the Internet, to your computer, and to other devices and services.

Your device has two groups of connection settings: **My ISP** and **My Work Network**. My ISP settings connect your device to the Internet, and My Work Network settings connect to any private network, such as an intranet that you use at work.

The following types of connections are available on your device:

- **Cellular (GPRS)** is a long-distance wireless data connection that is available through some mobile service operators. (Select models only)
- **Dial-up** lets you access the Internet or a corporate network by dialing a phone number. (Select models only)
- **Wi-Fi** lets you wirelessly connect your device to the Internet through access points that can be up to 30 meters (about 100 feet) away.
- **Bluetooth** lets you create a temporary wireless network that can link up to eight devices that are within 10 meters (about 33 feet) of one another.

- **USB** is a wired connection between your device and a computer for synchronizing data or surfing the Internet. (See “ActiveSync” in Chapter 6 for information.)

## Using Cellular Connection (Select Models Only)


Models supporting mobile phone functions allow you to access the Internet using the mobile network.

### Setting up a Cellular (GPRS) Connection

**NOTE:** You must subscribe to GPRS service with your mobile operator.

In most cases, your cellular (GPRS) connection will be preconfigured by your cellular service provider. You will not have to set up a GPRS connection or change your GPRS settings.


If you do have to set up a GPRS connection, you must obtain the settings from your mobile operator before you start this procedure.

1. Tap  → **Settings** → **Connections** → **Connections**.
2. In either group, tap **Add a new modem connection**.
3. In the **Enter a name for the connection** field, enter a name for the connection.
4. In the **Select a modem** field, select **Cellular Line (GPRS)**, and then tap **Next**.
5. Enter the access point name provided by your mobile operator, and then tap **Next**.
6. Enter your user name and password, and then tap **Finish**.

# Setting up a Dial-up Connection

**NOTE:** Depending on your wireless service provider, dial-up connections may not be supported on your device.

With dial-up, your service provider gives you a phone number that you dial in order to connect your device to the Internet.

1. Tap  → **Settings** → **Connections** → **Connections**.
2. In either group, tap **Add a new modem connection**.
3. In the **Enter a name for the connection** field, enter a name for the connection.
4. In the **Select a modem** field, select **Cellular Line**, and then tap **Next**.
5. Enter the phone number provided by your service provider, and then tap **Next**.
6. Enter your user name and password, and then tap **Finish**.



# Using Wireless Network

Your device has a built-in wireless network module. As long as you are in a wireless LAN (WLAN) environment, you can connect to the network without physical cables.

## Switching On or Off the Wi-Fi Radio

By default, the Wi-Fi radio is switched off. To switch on or off the Wi-Fi radio:

1. Tap the  Wireless Manager section on the Today screen.

– or –

Tap the connectivity indicator on the navigation bar and tap **Wireless Manager**.

2. In the Wireless Manager screen, tap **Wi-Fi** to change the Wi-Fi radio status.

When switched on, your device will display the word **Available** if wireless networks are detected.

If you have previously connected to a wireless network, your device will try to connect to the same network and display the name of the network after the connection.


## Connecting to a Wireless Network

1. Switch on the Wi-Fi radio. ( See “Switching On or Off the Wi-Fi Radio” previously.)
2. Your device will detect available Wi-Fi networks.



If more than one network is detected, the screen will display a network list. Select the network

you want to connect to, and tap **OK**.

3. Select to connect to the Internet or the private network, and then tap **Connect**.
4. If the selected network requires a network key, enter the key and tap **Connect**.

The  icon appears on the navigation bar and the RF indicator on your device flashes in amber.

**NOTE:**

- You can also search for a network to connect by tapping  → **Settings** → **Connections** → **Wi-Fi** → **Search for Networks**.
  - Once you have connected to a network, the shortcut is created in Settings. To change the network settings, tap  → **Settings** → **Connections** → **Wi-Fi**. Tap the desired network and change the settings.
5. When you have finished using the wireless network, end the Wi-Fi connection by switching off its radio.

**NOTE:** Leaving the radio on will consume more power.


## Using the Bluetooth Function

**NOTE:** BAP does not guarantee the product's compatibilities with the Bluetooth headsets/devices from all manufacturers.

Your device incorporates the Bluetooth capability. Bluetooth technology is a short-range wireless communications technology. Devices with Bluetooth capabilities can exchange information over a distance of about 10 meters (30 feet) without requiring a physical connection.

## Switching On or Off the Bluetooth Radio

By default, the Bluetooth radio is switched off. To switch on or off the Bluetooth radio:

1. Tap the  Wireless Manager section on the Today screen.

– or –

Tap the connectivity indicator on the navigation bar and tap **Wireless Manager**.

2. In the Wireless Manager screen, tap **Bluetooth** to switch on or off the radio.

The RF indicator flashes in blue to indicate that the Bluetooth radio is on.

3. For other devices to detect your device, tap **Menu → Bluetooth Settings → Mode → Make this device visible to other devices**.

4. When not using the Bluetooth function, switch off the Bluetooth radio.

**NOTE:** Leaving the radio on will consume more power.


# Sending Files via the Bluetooth Function

1. Switch on the Bluetooth radio. (See “Switching On or Off the Bluetooth Radio” previously.)
2. From the program, tap and hold the item you want to beam, such as an appointment in Calendar, a task in Tasks, a contact card in Contacts, or a file in File Explorer.
3. Tap **Beam [type of item]** in the shortcut menu.
4. Your device searches for other devices with Bluetooth capabilities within close range, and displays them in the list. Tap the device to which you want to send the item.

**CAUTION:** Files are saved automatically before they are beamed. If a Word document or Excel workbook was created on a computer, unsupported content and formatting may be lost when the files are saved.

## Creating a Bluetooth Partnership

A partnership is a relationship that you create between your device and another device with Bluetooth capabilities to help exchange information in a secure manner. Creating a partnership involves entering the same Bluetooth passcode on both devices. Once a partnership is created, your devices need only have the Bluetooth function switched on to exchange information; they do not need to be visible.

1. Make sure that the two devices are switched on, visible, and within close range.
2. Tap  → **Settings** → **Connections** → **Bluetooth** → **Devices** → **Add new device**.

Your device searches for other devices with

Bluetooth capabilities, and displays them in the list.

3. Tap the name of the other device, and tap **Next**.
4. In **Passcode**, enter an alphanumeric passcode between 1 and 16 characters, and tap **Next**.
5. Enter the same passcode on the other device.
6. Tap **Done**.

# Chapter 8

## FCC Warning

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

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.
- Shielded cables and I/O cords must be used for this equipment to comply with relevant FCC regulations.

You are cautioned that changes or modifications not expressly approved by the party responsible for compliance could void your authority to operate the equipment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

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

**RF exposure warning**

The equipment complies with FCC RF exposure limits set forth for an uncontrolled environment.

The antenna(s) used for this transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

**RF exposure information (SAR)**

This GPS Controller meets the government's requirements for exposure to radio waves.

This GPS Controller 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 GPS Controllers employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 2.0 W/kg.

Tests for SAR are conducted using standard operating positions accepted by the FCC with the GPS Controller 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 GPS Controller while operating can be well below the maximum value. This is because the GPS Controller 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 US model GPS Controllers as reported to the FCC when tested for use at the body, as described in this user guide, is 1.280 W/kg.