

Programs screen

Icon	Description
	Games Play these pre-installed games: Bubble Breaker , Teeter and Solitaire .
	ActiveSync Synchronize information between your device and a PC or the Exchange Server. See Chapter 5 and 7 for details.
	Adobe Reader LE View PDF (Portable Document Format) files on your device.
	Album View photos and videos that you captured using the device camera. See Chapter 11 for details.
	Audio Booster Enhances your music experience by providing you with controls for adjusting equalizer, 3D sound, treble, and bass settings. See Chapter 11 for details.
	Bluetooth Explorer Search for other Bluetooth devices that have file sharing enabled and access their Bluetooth shared folder. See Chapter 9 for details.
	Calculator Perform basic arithmetic and calculations, such as addition, subtraction, multiplication, and division.
	Camera Take photos and shoot video clips with accompanying audio. See Chapter 11 for details.
	Comm Manager Manage your device's connections (including Internet and Bluetooth), turn the phone on or off, and enable or disable the Direct Push function.
	File Explorer Organize and manage files on your device.
	FM Radio Listen to your favourite FM radio stations. See Chapter 11 for details.
	Getting Started View a list of "how to's" that you can reference to learn basic features and settings of your device.
	Google Maps(Available by Country) View your current location, search for places of interest and addresses, seek directions, and more. See Chapter 10 for details.

Icon	Description
	Internet Sharing Connect your notebook computer to the Internet using your device's data connection. See Chapter 8 for details.
	Java Download and install Java applications, such as games and tools, on your device.
	Messenger This is the mobile version of Windows Live™ Messenger. See Chapter 8 for details.
	MP3 Trimmer Trim MP3 files, and choose to save the trimmed music as a new file or set it as a ring tone. See Chapter 11 for details.
	Notes Create handwritten or typed notes, drawings, and voice recordings.
	Opera Mobile This is the mobile version of the Opera browser. See Chapter 8 for details.
	Pictures & Videos View, organize, and sort pictures, animated GIFs, and video files on your device.
	QuickGPS Download satellite data over the Internet via ActiveSync (if your device is connected to a computer), Wi-Fi or a data connection to speed up the time for determining your current GPS position. See Chapter 10 for details.
	Remote Desktop Mobile Connect and control your desktop computer remotely from your device.
	RSS Hub Download and read the latest web feeds from the Internet. See Chapter 8 for details.
	Search Search contacts, data, and other information on your device.
	SIM Manager Manage the contacts that are stored on your SIM card. You can also use this program to copy SIM contents to Contacts on your device.
	Spb GPRS Monitor(Available by Country) Use this program to measure the amount of data transfers that you have made via the GPRS or GSM network connection, and calculate network usage costs. You can install this program from the Applications disc.
	Sprite Backup Back up your device's data and files to a specified folder, the internal storage, or a computer. You can install this program from the Applications disc.

Icon	Description
	Streaming Media Stream live or on-demand video. See Chapter 8 for details.
	Tasks Keep track of your tasks.
	Voice Recorder Record your voice and send it via e-mail, MMS or beaming. You can also set the recorded voice as your ring tone.
	Voice Speed Dial Record voice tags so that you can dial a phone number or launch programs by speaking a word.
	Windows Live Use this mobile version of Windows Live™ to find information on the web. It also lets you sign into your Windows Live account so that you can access your Live Mail messages and send/receive instant messages in Live Messenger. See Chapter 8 for details.
	Windows Media Player Mobile Play back audio and video files. See Chapter 11 for details.
	YouTube™ Search for uploaded videos in YouTube and play them on your device. See Chapter 8 for details.
	ZIP Save memory and free up storage space on your device by compressing files in the conventional ZIP format.
	STK (SIM Tool Kit) Service Access information and other services offered by your wireless service provider.

12.2 Adding and Removing Programs

Additional programs, such as the programs in the Applications disc or other programs that you purchase, can be installed and uninstalled on your device. Your device does not allow you to uninstall most of the preinstalled programs.

Note Before you purchase additional programs for your device, make sure that they are compatible with your device.

To install a program

1. Download the program to your computer (or insert the CD or disk that contains the program into your computer).

You may see a single *.exe file, a *.zip file, a **Setup.exe** file, or several versions of files for different device types and processors. Be sure to select only the programs designed for your device.

2. Read any installation instructions or documentation that comes with the program. Many programs provide special installation instructions.
3. Connect your device to the computer.
4. Double-click the installation setup file.

To uninstall a program

1. Tap **Start > Settings > System tab > Remove Programs**.
2. In the **Programs in storage memory** list, select the program you want to remove, then tap **Remove**.

12.3 Adobe® Reader® LE

Adobe® Reader® LE is an application for viewing PDF (Portable Document Format) documents on your device. It supports a subset of the features found in the PC versions of Adobe Reader.

To open Adobe Reader LE

- Tap **Start > Programs > Adobe Reader LE**.

To open a PDF file on your device

- Open a PDF file in Adobe Reader LE; or
- Open File Explorer, find the PDF file, then tap the file to open it.

To navigate through a PDF document

You can use the controls in the program and finger gestures to navigate a PDF document.

- Tap **Tools > View > Continuous** and then slide your finger up or down the screen to scroll through the pages in the document.
Tip You can also drag the scroll bars to scroll through the pages.
- Tap  to zoom in or  to zoom out. After zooming in, slide your finger on the screen to pan the current page.
- Press NAVIGATION up/down/right/left to move to the desired direction of the page.

- Tap  to return to the previous page; tap  to move to the next page. Tap  to jump to the first page; tap  to jump to the last page.
- Tap **Tools > Go To > Page Number** to enter a page number that you want to view.

To search for text in the document

1. Tap **Tools > Find > Text** or tap  in the toolbar.
2. Type in the text to be searched, then tap **Find**.
The matched text in the document will be highlighted.
3. To view the next occurrence of the text, tap **Tools > Find > Next**.

- Tips**
- Adobe Reader LE displays a bookmark pane for the PDF files that contain bookmarks. Tap the bookmarks to go to a specific section/page within the file.
 - Adobe Reader LE supports password-protected PDF files with up to 128-bit encryption. When you open a password-protected PDF file, you will be prompted to enter the password before opening it.

12.4 Calendar

Use **Calendar** to create appointments, including meetings and other events. You can also synchronize Calendar appointments between your device and computer.

To open the Calendar screen

- On the TouchFLO 3D Home screen, tap **Calendar** or a displayed appointment; or
- Tap **Start > Calendar**.

Create appointments

To schedule an appointment

1. Open the Calendar screen and then tap **Menu > New Appointment**.
2. Enter a name for the appointment.
3. Do one of the following:

- If it is a special occasion such as a birthday or a whole-day event, set the **All Day** option to **Yes**.
 - If there is a time frame for the appointment, set the start and end dates and times.
4. Specify the type of category for your appointment, so that it can be grouped with other related appointments. Tap **Categories**, then select a preset category (Business, Holiday, Personal, or Seasonal), or tap **New** to create your own category.
 5. When finished, tap **OK** to return to the calendar.

- Notes**
- All-day events do not occupy blocks of time in Calendar; instead, they appear in banners at the top of the calendar.
 - To remove an appointment, tap **Menu > Delete Appointment**.

Tip To have the time entered automatically in Day view, tap and drag to select a time slot for the new appointment, and tap **Menu > New Appointment**.

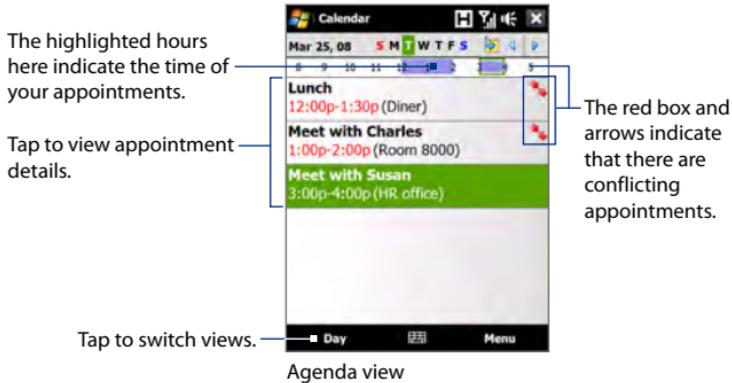
To set the reminder time for new appointments

By default, Calendar has been set to display a reminder alert when you have new upcoming appointments. You can change the reminder time.

1. Open the Calendar screen.
2. Tap **Menu > Tools > Options > Appointments** tab.
3. Make sure the **Set reminders for new items** check box is selected.
4. Set the time when you want the reminder to alert you.
5. Tap **OK** to return to the Calendar screen.

View appointments

By default, Calendar displays appointments in **Agenda** view. You can also look at your appointments in **Day**, **Week**, **Month**, and **Year** views.



- To see detailed appointment information in any view, tap the appointment.
- To view appointments by category, tap **Menu > Filter**, then select the desired category.
- To change the default view that Calendar uses to display appointments, tap **Menu > Tools > Options > General** tab. Tap the **Start in** box, then choose the calendar view.
- When in Month view, you will see the following indicators:
 - Morning appointment
 - Afternoon or evening appointment
 - Both morning and afternoon/evening appointments
 - All-day event

Send appointments

To send a meeting request

Use Calendar to schedule meetings via e-mail with contacts who use Outlook or Outlook Mobile.

1. Open the Calendar screen.
2. Schedule a new appointment, or open an existing one and tap **Menu > Edit**.

3. Tap **Attendees**, then tap **Add Required Attendee** or **Add Optional Attendee** and add the contacts whom you want to invite.

Note You can specify if an attendee is required or optional only if your device is connected to a Microsoft Exchange 2007 server. Otherwise, all attendees are designated as required. For more information, see “Managing Meeting Requests” in Chapter 7.

4. When you have finished adding attendees, tap **Done**.

5. Tap **OK** to send.

Tip To choose the e-mail account to use for sending meeting requests, tap **Menu > Tools > Options > Appointments** tab. Tap the **Send meeting requests via** box and choose to send via your Outlook E-mail, POP3/IMAP4 or Windows Live™ account.

- Notes**
- If you’re sending the meeting request using your Outlook E-mail account, it will be sent to the attendees the next time you synchronize your device with your computer or Exchange Server.
 - When attendees accept your meeting request, the meeting is automatically added to their schedules. When their response is sent back to you, your calendar is updated as well.

To send appointment details as a vCalendar

A vCalendar is a standard file format used for exchanging scheduling and task information. vCalendar files can be exported to Outlook on the computer.

After selecting the appointment to send in the Calendar screen, tap **Menu > Send as vCalendar** to send a vCalendar containing appointment details as a file attachment in an MMS message. For more information, see “MMS” in Chapter 6.

12.5 Contacts

Contacts is your address book and information storage for people and businesses you communicate with. You can add the following types of contacts to your device:

- **Outlook contacts.** Contacts that are stored on your device, which can be created on your device or synchronized with your PC or the Exchange Server.

- **SIM contacts.** Contacts that are stored on the SIM card. Only a name and phone number can be stored for each entry.
- **Windows Live™ contacts.** Contacts that you communicate with using Windows Live™ Messenger or MSN.

Note You can only add Windows Live™ contacts after you have set up Windows Live™ on your device. See “Add Windows Live contacts” in Chapter 8 for details.

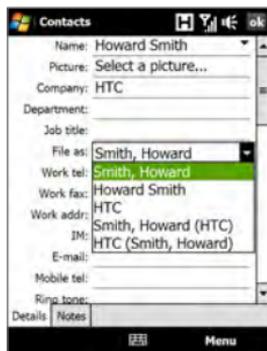
To open the Contacts screen

- On the TouchFLO 3D Home screen, slide to the **People** tab and then tap **All People**; or
- Tap **Start > Contacts**.

Add new contacts

To add a contact on your device

1. Open the Contacts screen.
2. Tap **New**, select **Outlook Contact**, and enter the contact information.
3. In the **File as** field, choose how you want the contact name to appear in the contact list.
4. To add a photo of the contact, tap **Select a picture**, and then select the picture file or tap **Camera** to take a photo of the contact.
5. To assign a ring tone to the contact, tap the **Ring tone** field, scroll through the list of tones, then select a desired tone.
6. When finished, tap **OK**.



- Tips**
- If a person who is not in your list of contacts called you and you want to save that person's phone number, tap and hold the phone number in the Call History and then tap **Save to Contacts** from the shortcut menu.
 - To save a phone number that is contained in a message, open the message, tap the underlined phone number, and then tap **Menu > Save to Contacts**.

- To edit contact information, tap the contact name and then tap **Menu > Edit**.

To add a contact to your SIM card

1. Open the Contacts screen.
2. Tap **New**, then select **SIM Contact**.
3. Enter a contact name and phone number.
4. Tap **OK**.

Tip You can also use the SIM Manager to add and edit contacts on your SIM card. For more information, see "SIM Manager" in this chapter.

Organize and search contacts

To group similar contacts

For easier management, you can group similar contacts by assigning them to categories.

1. Create a new Outlook contact or edit an existing Outlook contact.
2. Tap **Categories**.
3. Select a preset category such as Business or Personal, or tap **New** to create your own category.
4. When finished, tap **OK**.

To find a contact on your device

There are several ways to find a contact when your contact list is long:

- Begin entering a contact name in the provided text box until the contact you want is displayed.
- On the Quick Scroll bar on the right of the Contacts screen, scroll to or tap a letter to go directly to the part of the contacts list where contact names start with that letter.



Note You can disable the Quick Scroll bar by tapping **Menu > Options** and selecting the **Show alphabetical index** check box. This will show the alphabetical index at the top of the Contacts list.

- Filter the list by categories. In the contact list, tap **Menu > Filter**, then tap a category you've assigned to a contact. To show all contacts again, select **Menu > Filter > All Contacts**.

Share contact information

To beam a contact's details

You can quickly send contact information to another mobile phone or device through Bluetooth beaming.

1. On the Contacts screen, select a contact.
2. Tap **Menu > Send Contact > Beam**, then select a device where to beam the contact to.

Note Before beaming, make sure Bluetooth is turned on and set to visible mode on your device and the target mobile device. You can also beam contact information to your computer. See Chapter 9 for details.

To send contact information via text messaging

1. On the Contacts screen, select a contact.
2. Tap **Menu > Send Contact > SMS \ MMS**.
3. Select the contact information you want to send, then tap **Done**.
4. In the new text message, enter the mobile phone number of the

recipient, then tap **Send**.

To send contact information as a vCard

A vCard (virtual business card) is a standard file format used for exchanging contact information. vCard files can be exported to Outlook on the computer. From your device, you can send a vCard containing contact information as file attachment in an MMS message.

1. On the Contacts screen, select a contact.
2. Tap **Menu > Send as vCard**.
3. A new MMS message is created with the vCard file attached. Enter the mobile phone number or e-mail address of the recipient, then tap **Send**.

For more information, see “MMS” in Chapter 6.

12.6 Comm Manager

Comm Manager is a central location where you can easily turn on and off the communication features of your device such as the phone, Wi-Fi, data connection, Bluetooth, and more.

To access the Comm Manager

Do one of the following:

- On the TouchFLO 3D Home screen, slide to the **Settings** tab and then touch **Communications**.
- Touch **Start > Programs > Comm Manager**.
- Touch **Start > Settings > Connections** tab > **Comm Manager**.



- 1 Switch Airplane Mode on or off. Turning on Airplane Mode turns off the phone, Wi-Fi and Bluetooth functions. For more information, see "To enable or disable Airplane Mode" in Chapter 2.
- 2 Switch the phone on or off. Tap **Settings > Phone** to set the ring tone and other phone settings. See Chapter 13 for details.
- 3 Switch Bluetooth on or off. Tap **Settings > Bluetooth** to configure Bluetooth on your device. See Chapter 9 for details.
- 4 Switch Wi-Fi on or off. Tap **Settings > Wireless LAN** to configure wireless network connection settings. See Chapter 8 for details.
- 5 Switch between automatically receiving (as items arrive) or manually retrieving Outlook e-mails. See Chapter 7 for details.

- 6 Disconnect active data connections (GPRS, for example). You cannot reconnect a data connection in Comm Manager.

12.7 Microsoft® Office Mobile

Microsoft® Office Mobile consists of the following applications:

- **Microsoft® Office Excel® Mobile** lets you create and edit Excel workbooks and templates on your device.
- **Microsoft® Office OneNote® Mobile** lets you create notes with text, photos, and voice recordings for synchronization later with Microsoft® Office OneNote® 2007 on your computer.
- **Microsoft® Office PowerPoint® Mobile** allows you to view (not create) slide show presentations in *.ppt and *.pps formats.
- **Microsoft® Office Word Mobile** lets you create and edit documents and templates in Word Mobile and save them as *.doc, *.rtf, *.txt, and *.dot files.

To use Microsoft Office Mobile

1. Tap **Start > Office Mobile**.
2. Tap the Office Mobile application that you want to use.

When working with Word Mobile and Excel Mobile files, you can use the Navigation Control on your device for zooming:



To zoom in, slide your finger clockwise around the Navigation Control.



To zoom out, slide your finger counterclockwise around the Navigation Control.

Word Mobile and Excel Mobile do not fully support some features of Microsoft® Office Word and Microsoft® Office Excel®. To see a complete list

of features that are not supported in Word Mobile and Excel Mobile, see Help on your device.

- Tips**
- By default, Word Mobile saves documents in **.docx** format, while Excel Mobile saves workbooks in **.xlsx** format. If you want to open these types of files on a computer that uses Microsoft Office 2000, Office XP, or Office 2003, you need to download and install the **File Format Converter** in your computer. You can find this converter at <http://www.microsoft.com/downloads/details.aspx?FamilyId=941B3470-3AE9-4AEE-8F43-C6BB74CD1466&displaylang=en>.
 - If you want Word Mobile to save documents in **.doc** format, tap **Menu > Tools > Options** (or **Menu > Options** when no document is opened), then change the **Default template** to **Word 97-2003 Document (.doc)**.
 - If you want Excel Mobile to save workbooks in a format that is compatible with Microsoft Office 2000, Office XP, or Office 2003, tap **Menu > Options** (with no workbook opened), then change the **Template for new workbook** to **Blank 97-2003 Workbook**.

12.8 Notes

Using **Notes**, you can create handwritten and typed notes, record voice notes, convert handwritten notes to text for easy readability, and more.

To create a note

1. Tap **Start > Programs > Notes**. In the note list, tap **New**.

2. Choose an input method and then enter your text.

Tip For more information about input methods and entering text, see Chapter 4.

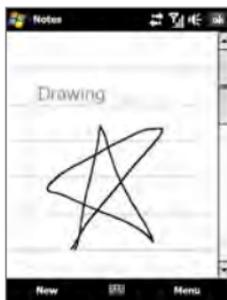
3. When finished, tap **OK** to save and return to the note list.

- Notes**
- To select handwritten text, tap and hold next to the writing. As soon as dots appear, and before they form a complete circle, quickly drag across the writing.
 - If a letter crosses three ruled lines, it is treated as a drawing rather than text.

To draw in a note

1. Create or open a note file.

2. Use the stylus to draw on the screen. A selection box then appears around your drawing.



3. Tap **OK** to save.

Note To select a drawing (for example, to copy or delete it), tap and hold the drawing briefly. When you lift the stylus, the drawing is selected.

To record a voice note

You can create a stand-alone recording (voice note) or you can add a recording to a note.

1. Tap **Start > Programs > Notes**.
2. If you do not see the Recording toolbar, tap **Menu > View Recording Toolbar**.
3. Do one of the following:
 - To add a recording to a note, create or open a note.
 - To create a stand-alone recording, record from the note list.
4. Tap the **Record** icon () to begin recording your voice. Tap the **Stop** icon () when you are finished recording.

Tip To select the voice recording format, return to the note list and then tap **Menu > Options > Global Input Options** link (at the bottom of the Options screen). On the Input screen, tap the **Options** tab and choose the desired format from the **Voice recording format** list.

12.9 Java

MIDlets are Java applications such as games and tools that can run on mobile devices, while a MIDlet suite is a collection of one or more MIDlets. The **Java** program lets you download, install and manage MIDlets or MIDlet suites on your device. Your device supports Java 2 Micro Edition, J2ME.

To open the Java program

Tap **Start > Programs > Java**.

Install and launch MIDlets/MIDlet suites

There are several ways to install a MIDlet/MIDlet suite.

To download and install via Internet Explorer Mobile

1. Tap **Menu > Install > Browser** to open Internet Explorer Mobile.
2. Locate the MIDlet/MIDlet suite while connected to the Internet.
3. Select the MIDlet/MIDlet suite to download.
4. Information about the MIDlet/MIDlet suite is then displayed. Tap **Continue**.
5. Confirm to start downloading.
6. Select **<root>** or a folder where to install the MIDlet suite to, then tap **OK**.

To install from your device

You can copy MIDlets/MIDlet suites from the computer to your device using the USB sync cable or Bluetooth connection. Copy them to the root folder or any subfolder on your device.

1. Tap **Menu > Install > Local Files**. The program then searches for MIDlets/MIDlet suites on your device and displays them in a list.
2. From the list, tap the MIDlet/MIDlet suite that you want to install.
3. Confirm to start the installation.
4. Select **<root>** or a folder where to install the MIDlet suite to, then tap **OK**.

To run a MIDlet/MIDlet suite

Do one of the following:

- After installation of the MIDlet/MIDlet suite is complete, tap **Yes**.
- On the Java screen, open the folder that contains the MIDlet/MIDlet suite. Select the MIDlet/MIDlet suite, then tap **Launch**.

Manage MIDlets/MIDlet suites

You can organize MIDlets/MIDlet suites into folders for easy identification, renaming, updating, and more. If the device memory is full, uninstall some MIDlets/MIDlet suites to free up memory space.

To create folders

1. On the Java screen, tap **Menu > New Folder**.
2. Enter a folder name, then tap **Create**.

To update a MIDlet/MIDlet suite

Tap and hold a MIDlet/MIDlet suite, then tap **Update**. Alternatively, you can tap **Menu > Actions > Update**.

Java will search for updates for the selected MIDlet/MIDlet suite where it was installed from before.

To uninstall MIDlets

Before you uninstall a MIDlet, make sure that it is not running.

1. Tap and hold the MIDlet, then tap **Uninstall**.
2. Tap **OK** to confirm.

Note To uninstall all MIDlets and folders from the current folder, tap **Menu > Uninstall All**.

12.10 SIM Manager

SIM Manager allows you to view the contents of your SIM card, transfer contacts from your SIM card to your device or vice versa, and make a call to a SIM contact.

To create a contact on your SIM card

1. Tap **Start > Programs > SIM Manager**.
2. Tap **New** and enter a contact name and phone number.
3. Tap **Save** to save the information on your SIM card.

Tip To change contact information on your SIM card, tap a SIM contact, edit the information, and then tap **Save**.

To copy SIM contacts to your device

If you have saved contacts on your SIM card, you can copy them into Contacts on your device.

1. On the SIM Manager screen, select the desired contact, or select all SIM contacts by tapping **Menu > Select All**.
2. Tap **Menu > Save to Contacts**.

To copy contacts to the SIM card

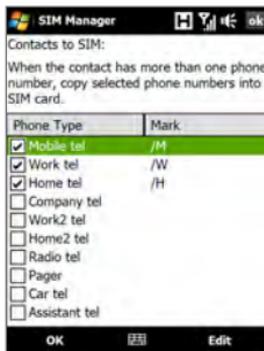
Only one phone number per contact name can be stored on a SIM card. When you copy a contact that has several phone numbers to your SIM card, SIM Manager saves each number under a separate name.

To save each number under a different contact name on the SIM card, SIM Manager appends an indicator at the end of each name.

By default, /M, /W and /H are appended to indicate mobile, work and home phone numbers respectively. You can edit this indicator first before you start copying contacts to your SIM card. Indicators of the other types of phone numbers are left empty for you to define them.

1. On the SIM Manager screen, tap **Menu > Tools > Options**.
2. Select the check boxes of the types of phone numbers that you want to be added to the SIM card.

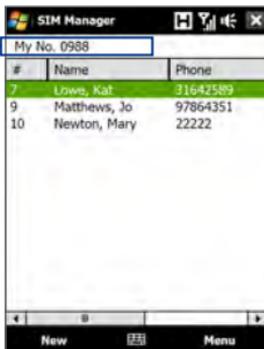
- Under the **Mark** column, you can change the indicator that will be appended to the SIM contact names for each phone number type. To do so, select a phone type, tap **Edit**, enter your desired indicator, then tap **Save**.
- After modifying, tap **OK**.
- Tap **Menu > Contacts to SIM**.
- Select the check boxes of the contact's phone numbers that you want to copy to your SIM card, then tap **Save**.



To store your SIM card's phone number

- On the SIM Manager screen, tap **Menu > Tools > List of Own Numbers**.
- Tap **Voice Line 1**.
- Change the name, if desired, then enter your mobile phone number.
- Tap **Save**.

When your phone number is stored on the SIM card, it will appear on the SIM Manager screen.



12.11 Spb GPRS Monitor (Available by Country)

Using **Spb GPRS Monitor**, you can monitor how much data you have sent and received on your device, and check the network usage costs by taking into account your service plan details. You can also view connection cost and traffic charts, generate reports of network connection usage, and export reports to CSV files for use with Microsoft® Office Excel® and Access.

Install GPRS Monitor

The GPRS Monitor program is included in the Applications disc. To install it onto your device, run the program's installer on your computer. Follow the on-screen instructions on your computer and your device to complete the installation.

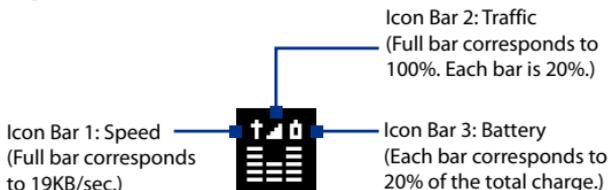
The GPRS Monitor icon and pop-up window

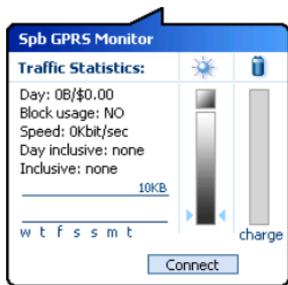
You can enable the GPRS Monitor icon to be shown on the title bar. This icon shows the data connection or dial-up connection speed, data traffic, and battery status.

To show the GPRS Monitor icon on the title bar

1. Tap **Start > Programs > Spb GPRS Monitor**.
2. Tap **Tools > Options > Icon** tab.
3. Select the **Show taskbar icon** check box.

By default, the GPRS Monitor icon shows three bars that represent the following status information:





When you tap the GPRS Monitor icon on the title bar, a pop-up window opens and shows you detailed statistics about your data transfers, such as the data size you have just transferred and its cost, the allowable amount of data that you can transfer, and more.

Set up monitoring and notification

To select the connection to be monitored

1. On the GPRS Monitor screen, tap **Tools > Options > Connection** tab.
2. Select the **Enable connection monitoring** check box.
3. In the **Connection** list, select the connection you want to monitor.

To enter your service plan details

Service plan details, or tariffs, determine the price that you pay for your data transfers. The tariff may either be flat rate or time-based, depending on whether you're using GPRS or a phone dial-up connection for data transfers.

Contact your wireless service provider to find out about your tariff, and enter the information in the **Tariff** tab or the **Tariff Details** tab on the Options screen.

Note The calculation of network usage costs is based on the information that you entered, and is only an estimate. The actual amount billed by your service provider may differ.

To set up traffic limit notifications

You can set up traffic limit notifications if you want to be notified when a traffic limit is reached.

1. On the GPRS Monitor screen, tap **Tools > Options**.
2. Enable the notifications on the **Day Warn** and **Month Warn** tabs. You can specify up to three daily and three monthly limits.

Once traffic reaches one of these limits, you will receive a notification.

View charts and reports

On the GPRS Monitor, you can view network connection cost charts and traffic charts, as well as generate detailed reports of network connection usage during a given period of time. These reports can be exported to CSV files that you can open using Excel, Access, or other similar spreadsheet and database software applications.

To view charts and generate reports

On the GPRS Monitor screen:

- Tap the **Chart** tab to view the network connection cost charts and traffic charts.
- Tap the **Report** tab to generate reports on network traffic and tariff.

For more information about using Spb GPRS Monitor, see Help on your device.

12.12 Sprite Backup

Use **Sprite Backup** to back up data, which includes settings, files, contacts, and all other information, to the device memory, internal storage or a computer.

To install Sprite Backup

1. Make sure your device is connected to your computer via a USB cable.
2. Insert the Applications disc on your computer's CD or DVD drive and start the Sprite Backup installation. You can also download Sprite Backup from the HTC e-Club website (<http://www.htc.com/member/login.aspx>), then double-click the downloaded setup file to start the installation.
3. Follow the on-screen instructions to install the Sprite Backup PC Manager to your computer and the Sprite Backup program onto your device.

To open Sprite Backup

- On your device, tap **Start > Programs > Sprite Backup**.

To back up data

1. To back up data remotely to a computer, enable the PC backup feature first. See “To enable remote backup to a computer” for instructions.
2. On the Sprite Backup main screen, tap **Backup**.
3. On the Backup Data Selection screen, you will see a tree view of the data and files on your device. Tap “+” on the left of an item to view its sub-items. Use the check boxes to select or exclude items for backup.



Main screen



Backup Data Selection screen

4. After selecting data items, tap **Next**. The Save As screen then appears.
5. Enter a file name for the backup file.
6. In **Location**, choose whether to save the backup file to **\Internal Storage**, **\My Documents** on the device memory, or to a **PC**.

Tip When backing up to the internal storage or to \My Documents on the device memory, you can also choose a specific folder where to save the backup file.
7. Tap **Next**.
8. On the Device Reset Required screen, tap **Next** to start the backup.

Note Do not start and use any programs on your device until the backup process is completed.

To restore data

1. On the Sprite Backup main screen, tap **Restore**. Sprite Backup then

searches for all available backup files from the device memory and internal storage and then displays them on the Open File screen.

Tip To search for backup files created on your computer, connect your device to your computer and run Sprite Backup PC Manager on your computer. In Sprite Backup's Open File screen on your device, set **Location to PC**.

2. Select the backup file you want to restore and then tap **Next**.
3. In the tree view, select the items you want to be restored to your device and then tap **Next**.
4. On the Device Reset Required screen, tap **Next** to begin restoring data.

Note Sprite Backup soft resets your device first before it begins the backup or restoration process. It soft resets again after the operation is completed.

To enable remote backup to a computer

1. On the Sprite Backup main screen, tap **Options > Networking > PC**.
2. Select the **Enable PC Backup** check box and choose whether to do the remote backup to your computer via ActiveSync or network.

For more information about using Sprite Backup, see Help on your device.

12.13 Tasks

Use **Tasks** to keep track of things you need to do. A task can occur once or repeatedly (recurring).

Your tasks are displayed in a task list. Overdue tasks are displayed in red. A reminder will be displayed when you have new tasks to be completed.

To create a task

1. Tap **Start > Programs > Tasks**.
2. Tap **Menu > New Task**, enter a subject for the task, and fill in information such as start and due dates, priority, and so on.
3. Specify the type of category for your task, so that it can be grouped with other related tasks. Tap **Categories**, then select a preset category (Business, Holiday, Personal, or Seasonal), or tap **New** to create your own category.

4. When finished, tap **OK**.

To change the priority of a task

Before you can sort tasks by priority, you need to specify a priority level for each task.

1. Tap **Start > Programs > Tasks**.
2. Tap the task you want to change the priority for.
3. Tap **Edit**, and tap a priority level in the **Priority** box.
4. Tap **OK** to return to the task list.

Note All new tasks are assigned a Normal priority by default.

To show start and due dates in the task list

1. Tap **Start > Programs > Tasks**.
2. Tap **Menu > Options**.
3. Select the **Show start and due dates** check box, then tap **OK**.

To send task information as a vCalendar

After selecting the task to send in the Task screen, tap **Menu > Send as vCalendar** to send a vCalendar containing task details as a file attachment in an MMS message. For more information, see “MMS” in Chapter 6.

12.14 Voice Recorder

Voice Recorder lets you record your voice and quickly send it as an MMS or e-mail attachment, beam it via Bluetooth, or set the recorded voice as your ring tone.

Note Voice Recorder saves voice recordings in AMR-NB (Adaptive Multi-Rate Narrowband) format only. This is a common speech audio format used in mobile devices.

To record your voice

1. Tap **Start > Programs > Voice Recorder**.
2. Hold the device’s microphone close to your mouth.
3. Touch **Record** or  to start recording. Tap **Stop** or  to end the recording.

To select or create a folder where to save voice recordings

By default, all recordings are saved in the **My Voices** folder of the internal storage. You can choose another folder or create a new folder to save your voice recordings.

1. Tap the arrow beside the folder name on the top-left of the screen.
2. In the menu that opens, choose an existing folder or touch **Add/Delete** to create a new folder.

To play back a voice recording

On the Voice Recorder screen, touch a voice recording, or navigate to a voice recording and then tap **Play** ().

Tip If you need to adjust the sound volume, touch any of the status icons on the title bar and then touch the **Volume** icon () to open the System Volume screen where you can adjust the volume.

To send a voice recording through MMS

Select a voice recording, then tap **Menu > Send via MMS**. A new MMS message is then created with the voice recording automatically inserted as an audio clip.

See “MMS” in Chapter 6 to learn how to compose and send MMS messages.

To send a voice recording via e-mail

Select a voice recording, tap **Menu > Send**, and then select an e-mail account. This creates a new e-mail message with the voice recording inserted as a file attachment.

See “Using E-mail” in Chapter 6 to learn how to send e-mails.

To beam a voice recording via Bluetooth

1. Select the voice recording you want to beam, then tap **Menu > Beam File**.

Tip To select multiple recordings, tap and drag over the desired recordings or tap **Menu > Select All**.

2. Tap the device you want to send the voice recording to.
3. On the other device, accept the file transfer to receive the file.

To set a voice recording as ring tone

Select the voice recording, then tap **Menu > Set as Ringtone**.

To rename or move a recording

1. Select the voice recording, then tap **Menu > Rename/Move**.

Tip To select multiple recordings, tap and drag over the desired recordings or tap **Menu > Select All**. Note that you can move multiple files, but you cannot rename multiple files simultaneously.
2. In **Name**, enter the new voice recording name.
3. To move the voice recording, select the new destination **Folder** and **Location**.
4. Tap **OK**.

12.15 Voice Speed Dial

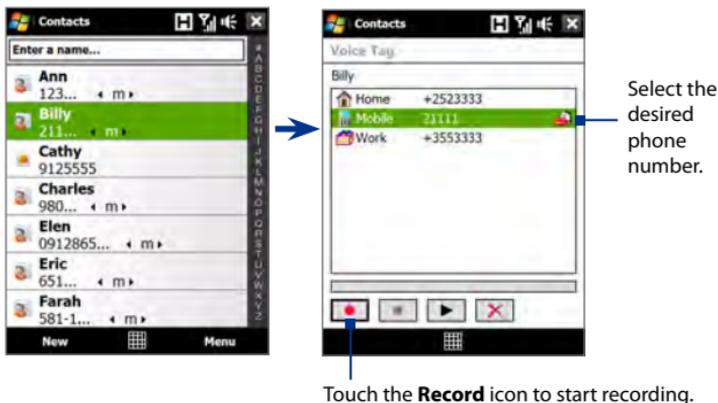
You can record voice tags so that you can dial a phone number or launch programs simply by speaking a word.

To create a voice tag for a phone number

1. On the TouchFLO 3D Home screen, slide to the **People** tab and then touch **All People** to open the Contacts screen.

Tip You can also touch **Start > Contacts** to open the Contacts screen.
2. Do one of the following:
 - Scroll to the desired contact, then touch **Menu > Add Voice Tag**.
 - Touch the desired contact to open the contact card and then touch **Menu > Add Voice Tag**.
 - Use the stylus to tap and hold the desired contact, then tap **Add Voice Tag**.
3. Select the phone number that you want to create a voice tag for, then touch **Record** ().

Tip To ensure voice recognition accuracy, record your voice in a quiet place.
4. When completed, a **Voice Tag** icon  is displayed on the right of the item.



To create a voice tag for a program

Touch **Start > Settings > Personal tab > Voice Speed Dial > Application** tab.

The **Application** tab displays a list of all installed programs on your device. The procedure for creating a voice tag for a program is the same as the procedure for creating a voice tag for a phone number.

To make a call or launch programs using a voice tag

1. Touch **Start > Programs > Voice Speed Dial**.
2. After the beep, say the recorded voice tag that you have assigned to the phone number you want to call or the program you want to launch. The system will repeat the voice tag, then dial out or launch the program automatically.

Note If the system cannot recognize your voice tag, move to a quiet place, then try again while speaking clearly.

Chapter 13

Managing Your Device

13.1 Copying and Managing Files

13.2 Settings on your Device

13.3 Changing Basic Settings

13.4 Using Connection Setup

13.5 Using Task Manager

13.6 Protecting Your Device

13.7 Managing Memory

13.8 Resetting Your Device

13.9 Windows Update

13.10 Battery Saving Tips

13.1 Copying and Managing Files

You can copy files between your device and computer, or copy files to the internal storage of your device. You can also efficiently manage your files and folders using File Explorer.

To copy files using Windows Mobile Device Center or ActiveSync

1. Connect your device to the computer.
2. Click **File Management > Browse the contents of your device** in Windows Mobile Device Center on your computer, or click **Explore** in ActiveSync on your computer. This opens Windows Explorer on your computer and displays the contents of your device.
3. To copy a file from your device to your computer:
 - a. Browse the contents of your device, right-click the file you want to copy, then click **Copy**.
 - b. Right-click a folder on your computer, then click **Paste**.
4. To copy a file from your computer to your device:
 - a. Browse the folders on your computer, right-click the file you want to copy, then click **Copy**.
 - b. Right-click a folder on your device, then click **Paste**.

To manage files on your device using File Explorer

File Explorer lets you browse and manage the contents of your device. The root folder on the device is named **My Device**, and contains the following folders: My Documents, Program Files, Windows, and more.

1. Tap **Start > Programs > File Explorer**.
2. Tap a folder or file to open it.
3. To return to an upper level folder, tap **Up** and select the folder.
4. To quickly delete, rename, or copy a file, tap and hold the file, then choose the desired operation on the shortcut menu. To copy or delete multiple files, tap and drag over the desired files to select, tap and hold the selection, then choose the desired operation on the shortcut menu.

To copy files to the internal storage

1. Tap **Start > Programs > File Explorer** and navigate to the appropriate folder.
2. Tap and hold the file you want to copy, then tap **Copy**.
3. Tap the down arrow (▼), then tap **Internal Storage** in the list.
4. Tap and hold an empty area on the screen and then select **Paste** on the menu.

Tip You can configure programs such as Word Mobile and Excel Mobile to directly save edited files onto the internal storage. In the program's file list, tap **Menu > Options**, then select the **Internal Storage** in the **Save to** box.

To format the internal storage

To learn how to format the internal storage, see “Clear Storage” in this chapter.

13.2 Settings on your Device

You can adjust the device settings to suit the way you work. To see all available settings, slide to the **Settings** tab on the Home screen and tap **All Settings**.

Personal tab

Icon	Description
	Buttons Assign a program or function to a hardware button.
	Input Set options for each of the input methods.
	Lock Set a password for your device.
	Menus Set which programs will appear in the Start menu.
	Owner Information Enter your personal information on your device.

Icon	Description
	Phone Customize phone settings such as ring tone, set a PIN number for your SIM card, and more.
	Sounds & Notifications Enable sounds for events, notifications, and more, and set the type of notification for different events.
	Today Customize the appearance and the information to be displayed on the Home screen.
	TTY Enable TTY (Teletypewriter) support for your device.
	Voice Speed Dial Create voice tags for voice dialing contacts and SIM contacts as well as for launching programs.

System tab

Icon	Description
	About This is where you can see basic information such as the Windows Mobile® version and type of processor used on your device. You can also specify a name for your device.
	Certificates See information about certificates that are installed on your device.
	Clear Storage Reset your device to factory default settings and/or format the internal storage.
	Clock & Alarms Set the device clock to the date and time of your locale or to a visiting time zone when you're traveling. Alarms can also be set at specified days and times of a week.
	Device Information See information about the firmware version, hardware, identity, and the duration of calls made on your device.
	Error Reporting Enable or disable the device's error reporting function. When this function is enabled and a program error occurs, technical data about the state of the program and your computer will be logged in a text file and delivered to Microsoft's technical support if you choose to send it.

Icon	Description
	External GPS Set the appropriate GPS communication ports, if required. You may need to do this when there are programs on your device that access GPS data or you have connected a GPS receiver to your device. See Help for details.
	Hearing Aid Compliance When using a hearing aid, turn on this feature to reduce interference between the device and hearing aid during a call.
	Key Lock Lock the buttons on your device except for the POWER button when the device is in Sleep mode. This ensures you will not switch the device on by accident and consume unnecessary power.
	Long Press End Key Choose the desired function to be executed (for instance, lock the device) when pressing and holding the END key.
	Managed Programs Displays the programs that were installed on your device using System Center Mobile Device Manager.
	Memory Check the device memory allocation status and internal storage information. You can also stop currently running programs.
	Microphone AGC Adjust the volume of your voice automatically when you are recording.
	Power Check the remaining battery power. You can also set the brightness of the backlight and timeout for turning off the display (switching device to Sleep mode) to conserve battery power.
	Regional Settings Set the regional configuration to use, including the format for displaying numbers, currency, date, and time on your device.
	Remove Programs Remove programs that you installed on your device.
	Screen Re-calibrate the screen, apply ClearType, and change the screen text size.
	Task Manager Stop running programs and set the () button to end programs immediately when you tap the button. For more information, see "Using Task Manager" in this chapter.

Icon	Description
	TouchFLO You can enable or mute the finger scrolling and panning sound. You can also enable or disable the large Start menu, and choose to show or hide the System Status screen when title bar icons are tapped.
	Windows Update Link to Microsoft's web site and update Windows Mobile® on your device with the latest security patches or fixes, if they are available.

Connections tab

Icon	Description
	Advanced Network Turn on/off HSDPA, set the line type to use when making circuit switch data (CSD) connection, and set the GPRS authentication method. HSDPA is a 3.5G digital data service that provides high-speed downstream data rates. In order for your device to attain the high connection speed of HSDPA, your wireless service provider must support this feature and you must be within the coverage area of your service provider's HSDPA network. Your device supports up to 7.2 Mbps download speeds.
	Beam Set your device to receive incoming Bluetooth beams.
	Bluetooth Turn Bluetooth on, set your device to visible mode, and scan for other Bluetooth devices.
	Comm Manager Manage your device's connections (including GPRS/3G and Bluetooth), turn the phone on or off, and enable or disable the Direct Push function.
	Connection Setup Configure your device's data connections, such as GPRS, WAP, and MMS, based on the detected or selected network operator. See "Using Connection Setup" in this chapter for details.
	Connections Set up one or more types of modem connections for your device, such as phone dial-up, GPRS, and more, so that your device can connect to the Internet or a private local network.
	Domain Enroll Enroll your device in your company's domain to let System Center Mobile Device Manager to manage the device. Please ask your Server Administrator for more details.

Icon	Description
	SMS Service Enables sending of SMS text messages via a data connection, such as GPRS or a circuit-switched connection.
	USB to PC Set the type of USB connection to your PC. Select the ActiveSync option for synchronising data, or use Disk Drive mode for transferring files.
	Wi-Fi Scan for available wireless networks.
	Wireless LAN See information about the active wireless network, and customize Wi-Fi settings.

13.3 Changing Basic Settings

Date and time

To set the date and time

1. On the Home screen **Home** tab, tap the time display and then tap the **Time** tab.
 - Tip** Tap the **More** tab and select the **Display the clock on the title bar in all programs** option to show the clock on all screens.
2. Select the correct time zone and change the date or time.

Note During synchronization, the time on your device is updated with the time on your computer.

To set the date and time for a different location

If you visit or communicate with someone in a particular time zone often, you can select it as your visiting time zone.

1. On the Home screen **Home** tab, tap the time display and then tap the **Time** tab.
2. Tap **Visiting**.
3. Select the correct time zone and change the date or time.

Regional settings

The style in which numbers, currency, dates, and times are displayed is specified in regional settings.

1. On the Home screen, slide to the **Settings** tab and then tap **All Settings**.
2. On the **System** tab, tap **Regional Settings > Region** tab and then select your region from the list.

Note This does not change the language of your device's operating system.

The region you select determines which options will be available on the other tabs.

3. To customize regional settings further, tap the appropriate tabs and set the desired options.

Display settings

To adjust the screen brightness

1. On the Home screen, slide to the **Settings** tab and then tap **All Settings**.
2. On the **System** tab, tap **Power > Backlight** tab.
3. Adjust the brightness by dragging the slider under **On battery power** and **On external power**.

To set the backlight to dim after a time delay

1. On the Home screen, slide to the **Settings** tab and then tap **All Settings**.
2. On the **System** tab, tap **Power > Advanced** tab.
3. In **On battery power** and **On external power**, select the **Turn off backlight if device is not used for** check box, then specify the time delay.

To increase or decrease the size of text on the screen

1. On the Home screen, slide to the **Settings** tab and then tap **All Settings**.
2. On the **System** tab, tap **Screen > Text Size** tab.
3. Move the slider to increase or decrease the text size.

Device name

The device name is used to identify your device in the following situations:

- Synchronizing with a computer
- Connecting to a network
- Restoring information from a backup

Note If you synchronize multiple devices with the same computer, each device must have a unique name.

To change the device name

1. On the Home screen, slide to the **Settings** tab and then tap **All Settings**.
2. On the **System** tab, tap **About > Device ID** tab.
3. Enter the device name.

Notes

- The device name must begin with a letter, consist of letters from **A** to **Z**, numbers from **0** to **9**, and cannot contain spaces. Use the underscore character to separate words.
- If you enroll your device to your company's domain, the device name will be changed to be the same as the one used to enroll the device.

Ringer settings

To change the ring type and ring tone

1. On the Home screen, slide to the **Settings** tab and then tap **Sound**.
2. Scroll down and then tap **Ring Type**. Select the Ring Type you want to use and then tap **Done**.
3. Tap **Ringtone** and then select the ringtone you want to use.
4. Tap **Done**.

Tips

- You can use ***.wav**, ***.mid**, ***.mp3**, ***.wma**, or other types of sound files that you downloaded from the Internet or copied from your computer as ring tones. For a complete list of supported audio file formats for ring tones, see "Specifications" in the Appendix.
- To use your sound files as ring tones, copy them first to the **/My Documents/My Ringtones** folder on your device, then select the sound from the **Ring tone** list of your device. For more information about copying files, see "Copying and Managing Files" in this chapter.

Alarms and notifications

To set an alarm

1. On the Home screen **Home** tab, tap the time display and then tap the **Alarms** tab.
2. Tap **<Description>** and enter a name for the alarm.
3. Tap the day of the week for the alarm. Select multiple days by tapping each desired day. Tap again to deselect the day.
4. Tap the time to open a clock and set the time for the alarm.
Tip You can drag the hour and minute hands of the clock to set the time.
5. Tap the alarm icon (🔔) to specify the type of alarm you want. You can choose a flashing light, a single sound, a repeating sound, or vibration.
6. If you choose to play a sound, tap the list next to the **Play sound** check box and tap the sound you want.

To choose how to be notified about events or actions

1. On the Home screen, slide to the **Settings** tab and then tap **Sound > Advanced**.
2. On the **Sounds** tab, choose how you want to be notified by selecting the appropriate check boxes.
3. On the **Notifications** tab, in **Event**, tap an event name and choose how you want to be notified by selecting the appropriate check boxes. You can choose from several options, such as a special sound, a message, or a flashing light.
Tip Turning off sounds and flashing light notifications helps conserve battery power.

Phone services

Your device can directly link to the mobile phone network, and enable you to access and change the settings of various phone services for your device. Phone services may include Call Forwarding, Call Waiting, Voicemail, and more. Contact your wireless service provider to find out about the availability of phone services for your device.

To access and change settings of phone services

1. On the Home screen, slide to the **Settings** tab and then tap **All Settings**.
2. On the **Personal** tab, tap **Phone > Services** tab.
3. Select the service you want to use, then tap **Get Settings**.
4. Choose your desired options, then tap **OK**.

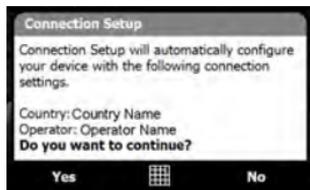
For more information about customizing settings of phone services, see Help on your device.

13.4 Using Connection Setup

Connection Setup configures your device's data connections, such as GPRS, WAP, and MMS, for you so that you do not need to enter the settings manually onto your device. All you need to do is to select your network operator, then Connection Setup does all the configuration for you.

To automatically configure the device's data connections

The first time you power on your device, or when you insert a new SIM card and then power on your device, Connection Setup will display a notification message to inform you that it will automatically configure your device's connection settings.



1. Tap **Yes** on the notification message.

Note If your SIM card supports multiple network operator profiles, the next message that appears will display network profile choices. Select the profile you want to use and tap **OK**.
2. When prompted to automatically configure your device to the proper network settings, tap **Yes**.
Connection Setup configures your device's data connection settings.
3. After the Connection Setup completes the configuration, tap **Restart**.

To manually select the network operator to use for data connections

You can also manually select your network operator from Connection Setup's settings screen. Connection Setup will then reconfigure your device's data connections settings based on the operator that you selected.

1. On the Home screen, slide to the **Settings** tab and then tap **All Settings**.
2. On the **Connections** tab, tap **Connection Setup**.
3. Select the network **Country** and **Operator** you want to use, then tap **OK**.
Note If you choose a **Country** and/or **Operator** that is different from the installed SIM card network operator, you may not be able to access network services.
4. When prompted to confirm whether you want to configure the data connection settings based on the selected network, tap **Yes**.
Connection Setup configures the data connection settings.
5. After the Connection Setup completes the configuration, tap **Restart**.

13.5 Using Task Manager

Task Manager lets you view and stop running programs, configure the  button, and enable the Quick Menu on the Home screen.

To open Task Manager

- Tap the **Quick Menu** button on the top right corner of the Home screen to open the Quick Menu, then tap .
- On the Home screen, slide to the **Settings** tab and then tap **All Settings**. On the **System** tab, tap **Task Manager**.

To switch back to a running program

- Tap the program name in the Quick Menu.
- On the Task Manager screen, tap and hold the program name on the **Running** tab, then tap **Activate**.

To configure the Exit () button

You can configure the **Exit** button to shut down running programs when the button is tapped, or to just temporarily close the program screen but keep the program running.

1. On the Task Manager screen, tap the **Button** tab.
2. Select the **Enable the “X” button to end running programs** check box.

Note When the **Enable the “X” button to end running programs** check box is not selected, tapping the **Exit** button will only close a program screen. The program is not ended and continues to run in the background.

3. Choose the action for shutting down programs (by tapping the  button, or by tapping and holding the  button).
4. Tap **OK**.

To close running programs from the Task Manager

1. On the Task Manager screen, tap the **Running** tab.
2. Do one of the following:
 - Select the check box of the programs that you want to close, then tap **Stop Selected**.
 - Tap **Stop All** to close all programs in the list.
 - Tap **Menu > Stop All but Selected** to close all programs except those which check boxes are selected.

Tip You can also close running programs from the Quick Menu on the Home screen. See “Quick Menu” in Chapter 1 for details.

To add a running program to the exclusive list

If you add a running program to the **Exclusive Programs List**, it will not be closed when you tap **Stop Selected** or **Stop All** and will not be listed in the Quick Menu on the Home Screen.

1. On the Task Manager screen, tap the **Running** tab.
2. Tap and hold the program name, then tap **Add Exclusive**.

Tip To remove a program from the exclusive list, tap the **Exclusive** tab, select the check box of the program, then tap **Remove**.

To set the sorting preference and program icon size in the Quick Menu

1. On the Task Manager screen, tap the **Others** tab.
2. In **Sort programs in Quick Menu by**, choose whether to sort according to **Program name** or **Memory usage**. The list will be sorted in ascending order.
3. In **Program icon size in Quick Menu**, choose whether to use **Small size** or **Large size**.

13.6 Protecting Your Device

Protect your SIM card with a PIN

You can protect your SIM card from unauthorized use by assigning a PIN (personal identification number). The default SIM card PIN is provided by your wireless service provider.

To enable the SIM card PIN

1. On the Home screen, slide to the **Settings** tab and then tap **All Settings**.
2. On the **Personal** tab, tap **Phone > PIN** tab.
3. Select the **Require PIN when phone is used** check box.
4. Enter the PIN number and then tap **OK**. To change the PIN at any time, tap **Change PIN**.

Tip Emergency calls can be placed at any time, without requiring a PIN.

Protect your device with a password

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

To set a device password

1. On the Home screen, slide to the **Settings** tab and then tap **All Settings**.
2. On the **Personal** tab, tap **Lock**.
3. Select the **Prompt if device unused for** check box, then specify the idle time before the device requires a password.

4. In the **Password type** box, select the type of password you would like to use.

Tip If your device is configured to connect to a network, use an alphanumeric password for increased security.

5. Enter the password in both the **Password** and **Confirm** boxes.
6. Tap **OK**. The next time the device is turned on, you will be prompted to enter your password.

- Notes**
- To ensure that you can always make emergency calls, do not begin your password with the digits of your local emergency number.
 - If you entered a hint, the hint will be displayed after the wrong password is entered five times.
 - Each time a wrong password is entered, the device response time gets longer until the device appears to be not responding.
 - If you forget your password, you can hard reset or clear the device memory. Before you do this, make sure you back up your data and files so that you can restore them back to your device. For more information about hard resetting the device and clearing the memory, see "Resetting Your Device" in this chapter.

13.7 Managing Memory

To see how much memory is available for use

1. On the Home screen, slide to the **Settings** tab and then tap **All Settings**.
2. On the **System** tab, tap **Memory > Main** tab.
The amount of memory allocated to data storage versus program storage is displayed, as well as the amount of memory in use versus the available memory.

To see the available space of the internal storage

1. On the Home screen, slide to the **Settings** tab and then tap **All Settings**.
2. On the **System** tab, tap **Memory > Storage Card** tab.

If your device is running low on memory, try the following to free memory on your device:

- Close programs which are not in use.
- Move files and e-mail attachments to the internal storage.
- Delete unnecessary files. Tap **Start > Programs > File Explorer**. Tap and hold the file, and tap **Delete**.
- Delete large files. To find large files on your device, tap **Start > Programs > Search**. In the **Type** list, tap **Larger than 64 KB**, and tap **Search**.
- In Opera Mobile or Internet Explorer Mobile, delete temporary Internet files and clear history information.
- Remove programs you no longer use.
- Reset your device.

13.8 Resetting Your Device

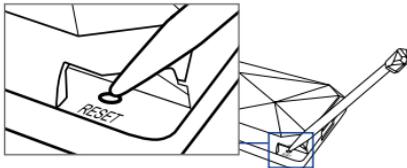
Soft reset

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

To perform a soft reset

1. Pull out the stylus.
2. Use the stylus to press the RESET button located at the opening of the stylus compartment.

Your device restarts and displays the Home screen.



Hard reset

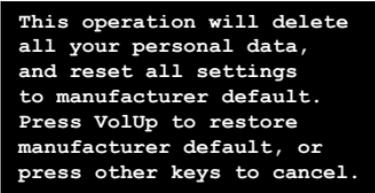
You can also perform a hard reset (also known as a full reset). A hard reset should only be performed if a normal reset does not solve a system problem. After a hard reset, the device is restored to its default settings—

the way it was when you first purchased it and turned it on. Any programs you installed, data you entered, and settings you customized on your device will be lost. Only Windows Mobile® software and other pre-installed programs will remain.

Warning! Your device will be set back to factory default settings. Make sure that any additional installed programs and/or user data have been backed up before you perform a hard reset.

To perform a hard reset

1. Pull out the stylus.
2. With the device turned on, press and hold the VOLUME DOWN and ENTER buttons, then press the RESET button with the stylus tip.
3. Release the RESET button, but continue pressing the VOLUME DOWN and ENTER buttons until you see this message on the screen:



This operation will delete all your personal data, and reset all settings to manufacturer default. Press VolUp to restore manufacturer default, or press other keys to cancel.

4. Release the VOLUME DOWN and ENTER buttons, then press the VOLUME UP button to perform the hard reset, or press any other button to cancel the reset.

Clear Storage

You can also use Clear Storage to reset your device back to factory default settings and/or format the internal storage.

1. On the Home screen, slide to the **Settings** tab and then tap **All Settings**.
2. On the **System** tab, tap **Clear Storage**.
3. In the drop-down menu, select whether to **Clear Storage only**, **Format internal storage only**, or **Clear storage and format internal storage**.
4. Enter “1234” and then tap **Yes**.

13.9 Windows Update

You can update Windows Mobile® on your device with the latest updates, security patches or fixes, if these are available.

To set up Windows Update

The first time you run Windows Update, you need to set up how you want Windows Update to check for patches on the Microsoft web site.

1. On the Home screen, slide to the **Settings** tab and then tap **All Settings**.
2. On the **System** tab, tap **Windows Update**.
3. On the Update Setup screen, tap **Next**.
4. Choose how you want to check for updates, **Manual** or **Automatic**, then tap **Next**.

Note If you select **Automatic**, you will be asked if you want to use your current data plan to check for updates. Select or clear the **Use my data plan to check for and download updates** check box and tap **Next**.

5. Tap **Finish**.

To check for updates

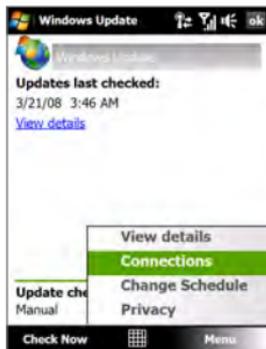
1. On the Home screen, slide to the **Settings** tab and then tap **All Settings**.
2. On the **System** tab, tap **Windows Update**.
3. Tap **Check Now**.

Note Windows Mobile® updates may not be available at all times. Check the Windows Mobile® web site for update information.

To change Windows Update options

1. On the Home screen, slide to the **Settings** tab and then tap **All Settings**.
2. On the **System** tab, tap **Windows Update**.
3. Tap **Menu** and select the option you want to change.

- Tap **Connections** to change how the device connects to the Internet when checking for updates.
- Tap **Change Schedule** to change how Windows Update checks for Windows Mobile® updates.



13.10 Battery Saving Tips

How long your battery power lasts depends on the battery type and how you use your device. Try the following to help conserve battery life:

- When the device is not in use, press **POWER** to switch off the display.
- On the Home screen, slide to the **Settings** tab and then tap **All Settings**. On the **System** tab, tap **Power** > **Advanced** tab of the Power settings screen. Here, you can specify the time before your device automatically turns off the display and backlight to conserve battery power. For optimum conservation, specify 3 minutes or less.
- On the Home screen, slide to the **Settings** tab and then tap **All Settings**. On the **System** tab, tap **Power** > **Backlight** tab to adjust the backlight brightness settings.
- Use the AC adapter to plug your device into an external power outlet whenever possible, especially when using a modem or other peripherals.
- Turn Bluetooth off when you are not using it. Make your device visible to other devices only when you are trying to establish a Bluetooth partnership. For more information about Bluetooth, see Chapter 9.
- Lower the volume.

- Close battery-intensive programs, such as the Camera, when you are done using them. Make sure the programs are ended and are not continuously running in the background. Refer to “Using Task Manager” in this chapter for information on closing programs.

Appendix

A.1 Specifications

A.2 Regulatory Notices

A.1 Specifications

System Information	
Processor	Qualcomm® MSM7201A™ 528 MHz
Memory	<ul style="list-style-type: none"> – ROM : 256 MB – RAM : 192 MB DDR – Internal storage: 4 GB <p>Note: Figures are the total ROM and RAM memory available for use and storage. Since the memory is shared by the operating system, applications, and data, the actual available memory is less than what is specified.</p>
Operating System	Windows Mobile® 6.1 Professional
Power	
Battery	Rechargeable Lithium-ion or Lithium-ion polymer battery, 900 mAh
Battery Life (estimates)	<p>Standby time: WCDMA: Up to 396 hours GSM: Up to 285 hours</p> <p>Talk time: WCDMA: Up to 270 minutes GSM: Up to 330 minutes</p> <p>Video call time: Up to 145 minutes</p> <p>(The above are subject to network and phone usage.)</p>
AC Adapter	Voltage range/frequency: 100 - 240V AC, 50/60 Hz DC output: 5V and 1A
Communications	
Network	<p>HSDPA/WCDMA/FDD II/FDD V:</p> <ul style="list-style-type: none"> • 850/1900 MHz • Up to 384 kbps up-link and 7.2 Mbps down-link speeds <p>Quad-band GSM/GPRS/EDGE:</p> <ul style="list-style-type: none"> • 850/900/1800/1900 MHz <p>(Band frequency and data speed are operator dependent.)</p>
Internal Antenna	Yes
Physical	
Dimensions	4" (L) X 2" (W) X 0.45"(T)
Weight	3.88 oz (with battery)

Display	
LCD Type	2.8-inch TFT-LCD flat touch-sensitive screen
Resolution	480 x 640 VGA resolution
Camera Module	
Type	Main camera: 3.2 megapixel color camera with auto focus Second camera: VGA CMOS color camera
Resolution	<ul style="list-style-type: none"> • Photo: 3M (2048 x 1536) 2M (1600 x 1200) 1M (1280 x 960) VGA (640 x 480) QVGA (320 x 240) • Video: CIF (352 x 288) QVGA (320 x 240) QCIF (176 x 144) Sub-QCIF (128 x 96)
Digital Zoom	Up to 4X
Connections	
I/O Port	HTC ExtUSB™ (11-pin mini-USB and audio jack in one; USB 2.0 high speed)
Wireless Connections	<ul style="list-style-type: none"> • Bluetooth® 2.0 with EDR • Wi-Fi® (IEEE 802.11 b/g)
Audio	
Microphone/ Speaker	Built-in
Ring tone	<ul style="list-style-type: none"> • Supports MP3, AAC, AAC+, WMA, WAV, AMR-NB formats • 40 polyphonic and standard MIDI format 0 and 1 (SMF) / SP MIDI
Supported Playback Formats	<ul style="list-style-type: none"> • Windows Media® Player: MP3, MPEG-4, AAC, AAC+, eAAC+, WMA, WAV, AMR, AMR-NB, AMR-WB, AWB, SP-MIDI • TouchFLO™ 3D: MP3, MPEG-4, WMA, AAC, AAC+

Controls

- Device Control**
- TouchFLO™ 3D
 - Touch-sensitive navigation control with ENTER button
 - HOME button
 - BACK button
 - Phone buttons: TALK/SEND and END
 - POWER button
 - VOLUME CONTROL buttons
 - RESET button

Others

- Special Features**
- FM radio with RDS
 - GPS and A-GPS ready
(GPS navigation software not included)
-

A.2 Regulatory Notices

Regulatory Agency Identifications

For regulatory identification purposes, your product is assigned a model number of **DIAM110**.

To ensure continued reliable and safe operation of your device, use only the accessories listed below with your **DIAM110**.

The Battery Pack has been assigned a model number of **DIAM160**.

Note This product is intended for use with a certified Class 2 Limited Power Source, rated 5 Volts DC, maximum 1 Amp power supply unit.

Federal Communications Commission Notice

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

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with

Appendix 247 the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or TV reception, which can be determined by turning the equipment on and off, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio or television technician for help.

Modifications

The FCC requires the user to be notified that any changes or modifications made to the device that are not expressly approved by High Tech Computer Corporation may void the user's authority to operate the equipment.

Safety Precautions for RF Exposure

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

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

Exposure to Radio Frequency (RF) Signals

Your device contains a radio transmitter and receiver. The radiated output power is far below the international radio frequency exposure limits. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on the safety standards previously set by international standards bodies:

- American National Standards Institute (ANSI) IEEE. C95.1-1992
- National Council on Radiation Protection and Measurement (NCRP). Report 86. 1986
- International Commission on Non-Ionizing Radiation Protection (ICNIRP) 1996

- Ministry of Health (Canada), Safety Code 6. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The standard incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in usage.

As with other mobile radio transmitting equipment, users are advised that for satisfactory operation of the equipment and for the safety of personnel, it is recommended that no part of the human body be allowed to come too close to the antenna during operation of the equipment.

Your device has an internal antenna. Use only the supplied integral antenna. Use of unauthorized or modified antennas may impair call quality and damage the phone, causing loss of performance and SAR levels exceeding the recommended limits as well as result in non-compliance with local regulatory requirements in your country.

To assure optimal phone performance and ensure human exposure to RF energy is within the guidelines set forth in the relevant standards; always use your device only in its normal-use position. Do not touch or hold the antenna area unnecessarily when placing or receiving a phone call. Contact with the antenna area may impair call quality and cause your device to operate at a higher power level than needed. Avoiding contact with the antenna area when the phone is IN USE optimizes the antenna performance and the battery life.

Body-worn measurements were tested for typical body-worn operations with the back of the device kept 1.5 cm from the body.

SAR Information

1.38w/kg@1g

Telecommunications & Internet Association (TIA)

Safety Information

Pacemakers

The Health Industry Manufacturers Association recommends that a minimum separation of six 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 interference is taking place, turn the 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 service provider, or call the customer service line 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 the 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.

WEEE Notice

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

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



The WEEE logo (shown at the left) on the product or on its box indicates that this product must not be disposed of or dumped with your other household waste. You are liable to dispose of all your electronic or electrical waste equipment by relocating over to the specified collection point for recycling of such hazardous waste. Isolated collection and proper recovery of your electronic and electrical waste equipment at the time of disposal will allow us to help conserving natural resources. Moreover, proper recycling of the electronic and electrical waste equipment will ensure safety of human health and environment. For more information about electronic and electrical waste equipment disposal, recovery, and collection points, please contact your local city center, household waste disposal service, shop from where you purchased the equipment, or manufacturer of the equipment.

RoHS Compliance

This product is in compliance with Directive 2002/95/EC of the European Parliament and of the Council of 27 January 2003, on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS) and its amendments.

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